

**Filing of Multi Year Tariff (MYT) Petition  
for FY 2024-25 to FY 2028-29  
&  
True up for FY 2022-23  
of  
Singareni Thermal Power Project,  
(2X600 MW)**

BEFORE THE TELANGANA STATE ELECTRICITY  
REGULATORY COMMISSION, HYDERABAD

0.8. CASE NO. 4 OF 2024  
(To be filled by the office)

IN THE MATTER OF:

Filing of Multi Year Tariff (MYT) Petition for approval of Aggregate Revenue Requirement and tariff for 2X600 MW Singareni Thermal Power Plant in respect of a) Tariff proposal for FY 2024-29 in each financial year of the control period commencing from 01.04.2024 to 31<sup>st</sup> March 2029 in accordance with sections 62 and 86.1 (a) of Electricity Act 2003 read with Telangana State Electricity Regulatory Commission (Multi Year Tariff) regulation 2023 and b) True up of FY 2022-23 in terms of Section 62 and 86.1 (a) of Electricity Act 2003 read with Telangana State Electricity Regulatory Commission (Terms and Conditions of Generation Tariff) regulations, 2019.

AND IN THE MATTER OF:

The Singareni Collieries Company Limited (SCCL): Kothagudem Collieries, Bhadradi Kothagudem Dist, Telangana State - 507101; Represented by its authorized representative i.e., **Director Finance, SCCL**.

**PETITIONER**

AND

1. Southern Power Distribution Company of Telangana Limited (TSSPDCL): Corporate Office: # 6-1-50, Mint Compound, Hyderabad, Telangana-500 063.
2. Northern Power Distribution Company of Telangana Limited (TSNPDCL): H.No: 2-5-31/2, corporate Office, Vidyut Bhavan, Nakkalagutta, Hanamkonda, Warangal, Telangana- 506001

**RESPONDENTS**

  
**N. BALRAM, IRS**  
**DIRECTOR (FINANCE)**  
**THE SINGARENI COLLIERIES CO. LTD.,**  
**KOTHAGUDEM - 507 101.**

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**N. BALRAM, IRS**  
**DIRECTOR (FINANCE)**  
**THE SINGARENI COLLIERIES CO. LTD.,**

|                    |  |         |
|--------------------|--|---------|
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Through

Shri N .Balram  
Director(Finance)  
The Singareni Collieries Company Limited  
Kothagudem Collieries  
Bhadradi Kothagudem Dist,  
Telangana State - 507101

  
**N. BALRAM, IRS**  
**DIRECTOR (FINANCE)**  
**THE SINGARENI COLLIERIES CO. LTD.,**  
**KOTHAGUDEM - 507 101.**

(Form I)  
(See clause 13 and 14)  
General Heading for Proceedings  
BEFORE THE TELANGANA STATE ELECTRICITY  
REGULATORY COMMISSION, HYDERABAD

O.P. CASE NO. 4 OF 2024  
(To be filled by the office)

IN THE MATTER OF:

Filing of Multi Year Tariff (MYT) Petition for approval of Aggregate Revenue Requirement and tariff for 2X600 MW Singareni Thermal Power Plant in respect of a) Tariff proposal for FY 2024-29 in each financial year of the control period commencing from 01.04.2024 to 31<sup>st</sup> March 2029 in accordance with sections 62 and 86.1 (a) of Electricity Act 2003 read with Telangana State Electricity Regulatory Commission (Multi Year Tariff) regulation 2023 and b) True up of FY 2022-23 in terms of Section 62 and 86.1 (a) of Electricity Act 2003 read with Telangana State Electricity Regulatory Commission (Terms and Conditions of Generation Tariff) regulations, 2019.

AND IN THE MATTER OF:

The Singareni Collieries Company Limited (SCCL): Kothagudem Collieries, Bhadradi Kothagudem Dist, Telangana State - 507101; Represented by its authorized representative i.e., **Director Finance, SCCL.**

**PETITIONER**

AND

1. Southern Power Distribution Company of Telangana Limited (TSSPDCL): Corporate Office: # 6-1-50, Mint Compound, Hyderabad, Telangana-500 063.
2. Northern Power Distribution Company of Telangana Limited (TSNPDCL): H.No: 2-5-31/2, corporate Office, Vidyut Bhavan, Nakkalagutta, Hanamkonda, Warangal, Telangana- 506001

**RESPONDENTS**



**N. BALRAM, IRS**  
**DIRECTOR (FINANCE)**  
**THE SINGARENI COLLIERIES CO. LTD.,**  
**KOTHAGUDEM - 507 101.**

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(Form II)  
(See clause 14 and 15)  
General Heading for Proceedings  
BEFORE THE TELANGANA STATE ELECTRICITY  
REGULATORY COMMISSION, HYDERABAD

0.8 CASE NO. 4 OF 2024  
(To be filled by the office)

IN THE MATTER OF:

Filing of Multi Year Tariff (MYT) Petition for approval of Aggregate Revenue Requirement and tariff for 2X600 MW Singareni Thermal Power Plant in respect of a) Tariff proposal for FY 2024-29 in each financial year of the control period commencing from 01.04.2024 to 31<sup>st</sup> March 2029 in accordance with sections 62 and 86.1 (a) of Electricity Act 2003 read with Telangana State Electricity Regulatory Commission (Multi Year Tariff) regulation 2023 and b) True up of FY 2022-23 in terms of Section 62 and 86.1 (a) of Electricity Act 2003 read with Telangana State Electricity Regulatory Commission (Terms and Conditions of Generation Tariff) regulations, 2019.

AND IN THE MATTER OF:

The Singareni Collieries Company Limited (SCCL): Kothagudem Collieries, Bhadradi Kothagudem Dist, Telangana State - 507101; Represented by its authorized representative i.e., **Director Finance, SCCL.**

**PETITIONER**

AND

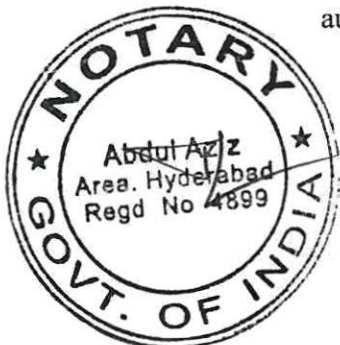
1. Southern Power Distribution Company of Telangana Limited (TSSPDCL): Corporate Office: # 6-1-50, Mint Compound, Hyderabad, Telangana-500 063.
2. Northern Power Distribution Company of Telangana Limited (TSNPDCL): H.No: 2-5-31/2, corporate Office, Vidyut Bhavan, Nakkalagutta, Hanamkonda, Warangal, Telangana- 50600.

**RESPONDENTS**

**Affidavit verifying the Petition**

I, Shri N. Balram, son of N. Hunya aged 43 years residing at Bungalow no: S-4, Bungalows area, Lakshmidivipally, Kothagudem – 507101 do solemnly affirm and say that

1. I am the Director Finance of SCCL, the petitioner in the above matter and am duly authorized by the said petitioner to make this affidavit.



**N. BALRAM, IRS**  
**DIRECTOR (FINANCE)**  
**THE SINGARENI COLLIERIES CO. LTD.,**  
**KOTHAGUDEM - 507 101.**

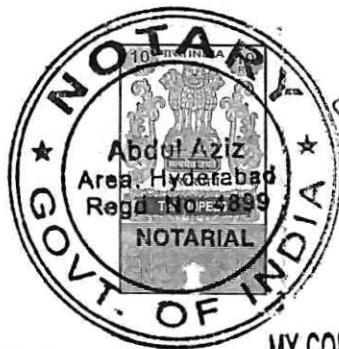
2. I have read and understood the contents of the accompanying filings of the proposals for Multi-Year Tariff Petition of 2 X 600 MW Singareni Thermal Power Project in Jaipur, Mancherial, filed by Petitioner before this Hon'ble Commission for approval of Aggregate Revenue Requirement and tariff for each financial year within the control period comprising five years from 1<sup>st</sup> April 2024 to 31<sup>st</sup> March 2029 and for true up of FY 2022-23. The statements made in paragraphs of the petition accompanying affidavit now shown to me are true to my knowledge and are derived from official records made available to me and are based on information and advice received which I believe to be true and true.

I Solemnly affirm at Hyderabad on 30<sup>th</sup> day of January, 2024 that the contents of the above affidavit are true to my knowledge, no part of it is false and nothing material has been concealed there from.


Place : Hyderabad  
Date : 30.01.2024

  
(Shri N. Balram)  
**N. BALRAM, IRS**  
**DIRECTOR (FINANCE)**  
**THE SINGARENI COLLIERIES CO. LTD.**  
**KOTHAGUDEM - 507 101.**

ATTESTED



ATTESTED

  
**ABDUL AZIZ, B.A.L, LL.M**  
**ADVOCATE-NOTARY**  
Appointed by the Govt. of India  
Begumpet, Hyderabad/ T.S  
Ph: 9652395028

MY COMMISSION EXPIRES ON 20TH NOVEMBER 2027

30 JAN 2024

**1. Facts of the Case:**

This petition is filed for approval of Aggregate Revenue Requirement and tariff for 2X600 MW Singareni Thermal Power Plant for each financial year within the control period comprising five years from 1<sup>st</sup> April 2024 to 31<sup>st</sup> March 2029 in accordance with sections 62 and 86.1(a) of Electricity Act 2003 read with Telangana State Electricity Regulatory Commission (Multi Year Tariff) regulation 2023 and for truing up of FY 2022-23 in terms of Section 62 and 86.1(a) of Electricity Act 2003 read with Telangana State Electricity Regulatory Commission (Terms and Conditions of Generation Tariff) regulations, 2019.

**2. The details of Petitioner are respectfully submitted as under:**

- I. Name and Address of Applicant: **The Singareni Collieries Company Limited (SCCL), Kothagudem Collieries, Bhadradri Kothagudem Dist, Telangana State - 507101**
- II. Primary Business of the Applicant: **Coal Mining**
- III. Details of Distribution Licensee purchasing power:
  - a. **Southern Power Distribution Company of Telangana Limited (TSSPDCL): Corporate Office: # 6-1-50, Mint Compound, Hyderabad, Telangana- 500063.**
  - b. **Northern Power Distribution Company of Telangana Limited (TSNPDCL): H.No: 2-5-31/2, Corporate Office, Vidyut Bhavan, Nakkalgutta, Hanamkonda, Warangal, Telangana- 506001.**
- IV. Details of Generating Company: **The Singareni Collieries Company Limited (SCCL): Kothagudem Collieries, Bhadradri Kothagudem Dist, Telangana State - 507101.**
- V. Name and Location of the Generating station for which Aggregate Revenue Requirement and tariff to be determined, is as follows:
  - a. Name/Location of Generating Station: **Singareni Thermal Power Project (STPP), Pegadapalli (V), Jaipur Mandal, Mancherla District, Telangana**
  - b. Total existing unit wise installed capacity in MW: **Unit-I: 600 MW, Unit-II: 600 MW**
  - c. Nature of Generation plant: **Thermal**
  - d. Type of primary and secondary fuel:

  
**N. BALRAM, IRS**  
**DIRECTOR (FINANCE)**  
**THE SINGARENI COLLIERIES CO. LTD.,**  
**KOTHAGUDEM - 507 101.**



- i. Primary Fuel: **Coal**
- ii. Secondary Fuel: **Light Diesel Oil/Heavy Fuel Oil**
- e. Commercial operation of units:
  - i. Unit-I: **25.09.2016**
  - ii. Unit-II: **02.12.2016**
- f. Proposed capital cost: **As per details attached herein.**
- g. Details of project loans: **As per Details of Project Specific Loans attached herein.**
- h. Year-wise Interest during Construction: **As per attached form.**

### 3. Grounds of the case:

The Petition for a) MYT for FY 2024-29 and b) Truing up for FY 2022-23 is filed in accordance with Sections 62, 86.1(a) and 86.1(b) of The Electricity Act 2003.

The MYT proposal (FY 2024-29) is submitted as required in terms of TSERC Multi Year Tariff regulation, 2023. The truing up proposal of the FY 2022-23 is submitted as required in terms of TSERC regulations 01 of 2019.

It is to state that both the proposals in this tariff filing are submitted in compliance with the timelines provided in clause 6 of TSERC MYT regulation 2023.

While filing the present Aggregate Revenue Requirement /tariff proposals, The Singareni Collieries Company Limited has endeavored to comply with the various applicable legal and regulatory directions of this Hon'ble Commission including the directions contained in the Conduct of Business regulation 2015, TSERC Terms and Conditions of generation Tariff regulation 2019 (regulation 1 of 2019) and TSERC (Multiyear tariff) regulation 2023 issued by Hon'ble TSERC.

Based on the information available, the applicant has made bona-fide efforts to comply with the directions of the Hon'ble Commission and discharge its obligations to the best of its abilities. However, should any further material become available in the near future, the applicant reserves the right to file such additional information and consequently amend/revise the application.



**N. BALRAM, IRS**  
**DIRECTOR (FINANCE)**  
**THE SINGARENI COLLIERIES CO. LTD.,**  
**KOTHAGUDEM - 507 101.**

#### 4. The Background of the petition

The Singareni Collieries Company Limited (SCCL) is a coal mining company incorporated under the companies Act 1956. The company is owned by the Government of Telangana with 51.096% Shareholding. The other Shareholders of the company are Government of India (48.902%) and Private shareholders (0.002%).

SCCL has entered in the business of power generation by setting up a 2X600 MW Coal based Thermal Power Plant, namely Singareni Thermal Power Plant(STPP) in Jaipur of Mancherial District. The units of STPP achieved COD during financial year 2016-17 in the dates as mentioned below.

**COD Unit-I: 25.09.2016**

**COD Unit-II: 02.12.2016**

SCCL had entered into a Power Purchase Agreement (PPA) with two Distribution companies of Telangana for the power generated from STPP which will be sold to them at a tariff decided by Hon'ble Telangana State Electricity Regulatory Commission (TSERC). The PPA shall remain valid for a period of 25 years from the COD of the last unit (unit-II). The copy of PPA is attached as **Annexure-A**.

TSERC vide its tariff order dated 28.08.2020 trued up the capital cost and fixed charges for 2 x 600 MW STPP up to 31.03.2019 and determined the tariff for STPP during MYT period of FY 2019-24. The order copy is attached as **Annexure-B**.

The Hon'ble Commission had also carried out the Midterm review of control period FY 2019-24 and issued order in respect of Midterm review on 23.03.2023.

Further, it is to kindly state that this Hon'ble Commission has issued new tariff regulation for the control period FY 2024-29, and in terms of this a generating entity/ petitioner is required to file petition for truing up of 2022-23 of present MYT period prior to 31.01.2024.

Accordingly, STPP is herein submitting this tariff petition containing the proposal for truing up in FY 2022-23, besides the proposal for Multiyear tariff for the period FY 2024-29.

At the outset, it is submitted that the true up orders dated 23.03.2023 passed by this Hon'ble commission in respect of the period 2019-20 to 2021-22, have been challenged in the APTEL by the STPP, but the said orders/appeal proceedings are absolutely unconnected and

THE SINGARENI COLLIERIES CO. LTD.  
KOTHAGUDEM - 507 401.

**N. BALRAM, IRS**  
**DIRECTOR (FINANCE)**  
**THE SINGARENI COLLIERIES CO. LTD.**  
**KOTHAGUDEM - 507 401.**

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disjuncted to the present proceedings viz, true up of 2022-23 and the multiyear tariff proposed for the period 2024-29. The present proceedings are governed by the latest regulation 2 of 2023 passed by this Hon'ble Commission where as earlier true up order is governed by the earlier regulation TS 01 of 2019.

## **5. Enabling Regulations**

SCCL has submitted tariff petition comprising the proposals for truing up of tariff during FY 2022-23 and for Multiyear tariff in control period FY 2024-29 which is within the jurisdiction of Hon'ble TSERC. As per section 62, appropriate commission can determine the tariff for supply of electricity by a generating company to a distribution licensee. Further the Hon'ble state electricity regulatory commission shall determine tariff for generation and sale of electricity within the state as per section 86.1(a).

The Hon'ble TSERC has issued Telangana State Electricity Regulatory Commission (Multiyear tariff) regulation 2023 (Regulation 2 of 2023) for determination of tariff in the next control period of 2024-29 and provided clause 1.5 in the aforementioned regulation clearly mentioned that determination of Aggregate Revenue Requirement (ARR) and tariff for previous periods shall be govern by the provisions of regulations and guidelines in force during that relevant period.

In view of above, the Hon'ble commission is required to determine the tariff of STPP during 2024-29 as per TSERC Regulation 2 of 2023 and to allow truing up of FY 2022-23.

It is also kindly stated that STPP is entitled to bill the beneficiaries at the tariff approved by the Commission as on 31.03.2024 till approval of MYT tariff by the Commission as per the provision given in clause 38.4 of 2 of regulation 2023.

## **6. Capital cost claimed in the truing up petition of FY 2022-23 and MYT petition for FY 2024-29.**

The Hon'ble Commission issued order for Midterm review on 23.03.2023 allowing the final capital cost at the end of financial year 2021-22 as Rs.7745.32 Cr in Table 3.7 of the aforesaid order.



**N. BALRAM, IRS**  
**DIRECTOR (FINANCE)**  
**THE SINGARENI COLLIERIES CO. LTD.,**  
**KOTHAGUDEM - 507 101**

As stated above SCCL is filing said appeal on limited issues against MTR order dt 23.03.2023 to the extent of truing of FY 2019-20 to FY 2021-22 with reference to the earlier regulation. Accordingly based on the outcome of the appeal the closing and opening of capital cost in true up of FY 2022-23 may also undergo change. However, without prejudice to the above said grounds, the present petition is filed based on the capital cost as allowed in said MTR order by this Hon'ble Commission.

Accordingly, the opening capital cost for truing up of FY 2022-23 shall be Rs.7745.32 Cr and the detailed capitalization in this period of FY 2022-23 is provided in **Annexure-C**. This also contains estimated additional capitalization for FY 2023-24. It is to kindly state that the opening capital cost for the purpose of Multiyear tariff petition for FY 2024-29 shall be arrived upon by adding the estimated additional capitalization for FY 2023-24 with the closing capital cost in FY 2022-23 claimed now in the truing up petition.

The Hon'ble Commission also issued order on the capital investment plan from FY 2024-25 to FY 2028-29 where other than deferring the final approval for FGD system, it also gave liberty to SCCL for undertaking capital works for complying CEA regulations. The relevant portion is reproduced below:

*"4.2.22 ..... If the need arises, SCCL may seek the approval of the Commission for undertaking the capital works required for complying with CEA Regulations in accordance with the provisions of the Multi Year Tariff Regulation to be issued by the Commission."*

Further, SCCL in its application for Capital investment plan respectfully submitted before this Hon'ble Commission that, it may be allowed to submit revised capital investment plan if the regulations of the coming control period gets amended by the Hon'ble Commission. The relevant portion from the aforementioned submission is given below:

*"7) Further, if the applicable tariff regulation or any other related regulations as to control period gets amended by the Hon'ble Commission, STPP craves leave to submit a revised petition on that ground."*

The Hon'ble Commission issued new MYT regulation for FY 2024-29 where the clauses seeking capital investment approval/additional capitalization have been modified. Hence, SCCL is claiming needful additional capitalization under the relevant clauses of the new MYT regulation.

M. BALRAM, IRS  
DIRECTOR (FINANCE)  
THE SINGARENI COLLIERIES CO. LTD.  
KOTHAGUDEM - 507 101.

**N. BALRAM, IRS**  
**DIRECTOR (FINANCE)**  
**THE SINGARENI COLLIERIES CO. LTD.**  
**KOTHAGUDEM - 507 101.**

Accordingly, the additional capitalization required for compliance of CEA regulation and other additional capitalization proposal in terms of new MYT regulation (2 of 2023) is attached as **Annexure-D**.

## 7. Computation of return on equity

It is to submit that STPP has considered on 30% of the capital cost as equity as specified in the provision of regulation of MYT tariff regulation 2023. The relevant portion is reproduced below:

*“27.1.....Provided that in case of generating entity, Licensee, and SLDC, if any fixed asset is capitalised on account of capital expenditure project prior to 01.04.2024, debt-equity ratio allowed by the Commission for determination of tariff for the period ending 31.03.2024 shall be considered”*

Regulation 29.2(a) of Telangana State Electricity Regulatory Commission (Multi Year Tariff) Regulation, 2023 provides that the base rate for computation of return on equity shall be 15.5%. Further, the base rate of ROE is required to be grossed up with the effective tax rate as per clause 30.1.

Accordingly, the return on equity is computed by applying base rate of return as 15.5% and effective tax rate of 25.71%.

The return on equity claimed for 2024-29 is given below:

| Financial Year                      | FY<br>2024-25 | FY<br>2025-26 | FY<br>2026-27 | FY<br>2027-28 | FY<br>2028-29 |
|-------------------------------------|---------------|---------------|---------------|---------------|---------------|
| <b>Return on Equity (In Crores)</b> | 485.68        | 486.33        | 486.33        | 486.33        | 486.33        |

The ROE for FY 2022-23 was computed based on regulation 9 & 11 of Telangana State Electricity Regulatory Commission (Terms and Conditions of Generation Tariff) regulations, 2019.

## 8. Interest and financing charges on loan.

The Hon'ble commission in the order on midterm review allowed refinancing of loan in respect of STPP and allowed interest on loan accordingly. STPP claims the sharing of gains



**N. BALRAM, IRS**  
**DIRECTOR (FINANCE)**  
**THE SINGARENI COLLIERIES CO. LTD.,**  
**KOTHAGUDEM - 507 101.**

accrued due to refinancing in the truing up of FY 2022-23 by applying regulation 12 of TS01 of 2019.

The interest and financing charges on loan for MYT period 2024-29 have been computed as given in clause 31 of Regulation 2 of 2023.

It is submitted that the loan outstanding as on 1st April, 2024 was computed after considering the cumulative depreciation upto 31st March, 2024 as notional repayment of the loan.

**9. Claim for depreciation**

It is to state that the depreciation is claimed in accordance with regulation 28 of TSERC MYT tariff regulation 2024-29. The beginning value base of the capital cost for the purpose of depreciation was considered as Rs. 7805.62 Crore.

The depreciation rates for different assets for each financial year was computed based on the asset capitalization schedule as considered in this multiyear tariff petition adopting the straight-line method of depreciation computation and rates specified in annexure I of MYT regulation 2023.

It is stated that the balance depreciable value as on 1st April, 2024 was computed by deducting the cumulative depreciation claimed upto 31st March, 2023.

The depreciation claimed for the FY 2024-29 is given below:

| Particulars                     | FY 2024-25 | FY 2025-26 | FY 2026-27 | FY 2027-28 | FY 2028-29 |
|---------------------------------|------------|------------|------------|------------|------------|
| <b>Depreciation (In Crores)</b> | 403.52     | 404.17     | 404.17     | 404.17     | 404.17     |

The depreciation for FY 2022-23 was computed based on regulation 10 of Telangana State Electricity Regulatory Commission (Terms and Conditions of Generation Tariff) regulations, 2019 by adopting straight line method and depreciation rates Specified therein.

**10. Interest on working capital:**

The Interest on working capital for STPP has been worked out in accordance with regulation 13.1 to 13.4 of Multiyear tariff regulation for 2024-29.

Stamp: DIRECTOR (FINANCE) THE SINGARENI COLLIERIES CO. LTD., NOT FOR MANAGEMENT

Signature: N. BALRAM, IRS  
DIRECTOR (FINANCE)  
THE SINGARENI COLLIERIES CO. LTD.,  
SINGARENI, DIST. NELLORE - 507 401.

The coal & oil component of working capital have been computed based on 20 days coal stock for non-pit head stations corresponding to target availability or maximum storage capacity whichever is lower and cost of coal for 30 days of generation corresponding to target availability and 1 month's cost of secondary fuel for target availability.

The maintenance spares @1% of GFA expenses, 1 month's normative O&M expenses and forty five days receivables have been added with the above to arrive at gross working capital. Net working capital has been worked out by subtracting 1 month's payable for coal & oil computed at target availability from gross working capital.

The rate of interest on working capital has been computed as 10.04% which is 150 basis point more than the 1-year MCLR of SBI as on January, 2024.

The Interest on working capital claimed for the FY 2024-29 is given below:

| Particulars                                     | FY<br>2024-25 | FY<br>2025-26 | FY<br>2026-27 | FY<br>2022-23 | FY 2023-<br>24 |
|---|---------------|---------------|---------------|---------------|----------------|
| <b>Interest on Working Capital (Rs. Crores)</b> | 96.66         | 96.59         | 96.49         | 96.37         | 96.39          |

The Interest on working capital of STPP during truing up period of 2022-23 has been computed as per clause 13.1 to 13.4 of Multi-year generation tariff regulation 2019-24.

### 11. Operating and Maintenance (O&M) Expenses

The claim for Operating & maintenance expenses for FY 2024-29 has been made in specified trifurcation of R&M, Emp and A&G Expenditure based on actual values of the past control period after applying the formula provided in clause 45 of TS 02 of 2023.

The total O&M expenditure as claimed for 2024-29 is given below:

(In Rs.Crores)

| SI No | Item              | FY<br>2024-25 | FY<br>2025-26 | FY<br>2026-27 | FY<br>2027-28 | FY<br>208-29 |
|-------|-------------------|---------------|---------------|---------------|---------------|--------------|
| 1     | Employee Expenses | 170.09        | 179.03        | 188.44        | 198.35        | 208.78       |
| 2     | A&G Expenses      | 59.73         | 63.27         | 67.02         | 70.98         | 75.19        |

**N. BALRAM, IRS**  
**DIRECTOR (FINANCE)**  
**THE SINGARENI COLLIERIES CO. LTD.,**  
**KOTHAGUDEM - 507 101.**

|   |                    |               |               |               |               |               |
|---|--------------------|---------------|---------------|---------------|---------------|---------------|
| 3 | R & M Expenses     | 126.38        | 133.86        | 141.79        | 150.19        | 159.08        |
|   | Total O&M Expenses | <b>356.20</b> | <b>376.17</b> | <b>397.25</b> | <b>419.52</b> | <b>443.05</b> |

The O&M expenditure of STPP during truing up period 2022-23 has been computed as per clause 19 of TS regulation 01 of 2019.

**12. Operating Norms:**

The following norms have been adopted from the norms provided in regulation TS02 of 2023 for FY 2024-29:

| <b>Thermal</b>  | <b>Unit</b> | <b>STPP</b> |
|---|-------------|-------------|
| Normative Annual Plant Availability Factor (Target Availability)  | %           | 85.00%      |
| Normative Annual Plant load Factor (for computation of incentive) | %           | 85.00%      |
| Gross Station Heat Rate   | Kcal/kWh    | 2,300       |
| Secondary fuel oil consumption                                    | ml/kWh      | 0.5         |
| Auxiliary energy consumption                                      | %           | 5.75%       |
| Transit and Handling Losses                                       | %           | 0.80%       |

The norms for truing up period was already approved by the Hon'ble commission's order dated 28.8.2020 in para 5.2.8. These approved norms for FY 2022-23 has been used for computation of tariff claims.

**13. Energy Charges:**

The energy charges have been computed based on regulation 46.B of Multi Year Tariff Regulation 2024-29.

It is stated that the estimated energy charge for the first year of control period has been worked out based on coal & oil data for September-2023, October-2023 & November-2023.

**N. BALRAM, IRS**  
**DIRECTOR (FINANCE)**  
**THE SINGARENI COLLIERIES CO. LTD.,**  
**KOTHAGUDEM - 507 101.**

Faint mirrored stamp: N. BALRAM, IRS, DIRECTOR (FINANCE), THE SINGARENI COLLIERIES CO. LTD., KOTHAGUDEM - 507 101.



| Description                               | Unit           | Energy Charge for Ensuing Period |               |               |               |               |
|---|----------------|----------------------------------|---------------|---------------|---------------|---------------|
|   |                | FY<br>2024-25                    | FY<br>2025-26 | FY<br>2026-27 | FY<br>2027-28 | FY<br>2028-29 |
| Auxiliary Consumption                     | %              | 5.75                             | 5.75          | 5.75          | 5.75          | 5.75          |
| Gross Station Heat Rate                   | kcal/kWh       | 2300                             | 2300          | 2300          | 2300          | 2300          |
| Secondary Fuel oil consumption            | ml/kWh         | 0.5                              | 0.5           | 0.5           | 0.5           | 0.5           |
| Calorific Value of Secondary Fuel         | kcal/ml        | 10.00                            | 10.00         | 10.00         | 10.00         | 10.00         |
| Landed Price of Secondary Fuel            | Rs./ml         | 0.07                             | 0.07          | 0.07          | 0.07          | 0.07          |
| Gross Calorific Value of Coal             | kcal/kg        | 3719                             | 3719          | 3719          | 3719          | 3719          |
| Landed Price of Coal                      | Rs./kg         | 5867                             | 5867          | 5867          | 5867          | 5867          |
| Specific Coal Consumption                 | kg/kWh         | 0.617                            | 0.617         | 0.617         | 0.617         | 0.617         |
| Rate of Energy Charge from Primary Fuel   | Rs./kWh        | 3.841                            | 3.841         | 3.841         | 3.841         | 3.841         |
| Rate of Energy Charge from Secondary Fuel | Rs./kWh        | 0.035                            | 0.035         | 0.035         | 0.035         | 0.035         |
| <b>ECR</b>                                | <b>Rs./kWh</b> | <b>3.876</b>                     | <b>3.876</b>  | <b>3.876</b>  | <b>3.876</b>  | <b>3.876</b>  |

It is submitted that adjustment of ECR on account of variation in price or heat value of fuel shall be done as specified in regulation 46.5.

The energy charge for truing up of FY 2022-23 was computed based on clause 21 of generation tariff regulation 01 of 2019.

#### 14. Incentive

The Hon'ble commission has not decided on the business plan of 2 x600 MW STPP for 2024-29. The relevant portion from its order dated 29.12.2023 on BUSINESS PLAN, & CAPITAL INVESTMENT PLAN FOR FY 2024-25 TO FY 2028-29 is reproduced below:

***“4.1.3 The Commission shall specify the norms of operation in the final MYT Regulation for the period commencing from FY 2024-25 onwards and therefore, has not delved in to the Business Plan, except the Capital Investment Plan, in the present Petition.”***

**N. BALRAM, IRS**  
**DIRECTOR (FINANCE)**  
 THE SINGARENI COLLIERIES CO. LTD.,  
 KOTHAGUEDEM - 507 101.

Accordingly, STPP has computed incentive for MYT 2024-29 based on estimated generation at the rate specified in clause 46.6 of Regulation 2 of 2023.

It is stated that the STPP has worked out the quantum of incentive in the truing up period @ 50paise/kWh in accordance with clause 21.4 of regulation 01 of 2019.

The incentive projected during the control period 2024-29 is given below:

| Ref.                                       | Unit   | Ensuing Year |         |         |         |         |
|--|--------|--------------|---------|---------|---------|---------|
|  |        | One          | Two     | Three   | Four    | Five    |
|  |        | 2024-25      | 2025-26 | 2026-27 | 2027-28 | 2028-29 |
| <b>Incentive for additional generation</b> | Rs Crs | 18.66        | 31.69   | 31.69   | 31.84   | 31.69   |

#### 15. Tariff for FGD system

The Hon'ble commission has deferred the claim of capitalization for the FGD system and stated that it would carry out prudence check of the cost of FGD system in the true up of relevant year after commissioning of the same. The relevant portion from order dated 29.12.2023 on CIP and business plan for FY 2024-29 is extracted hereunder:

*“4.2.12 SCCL submitted that it has awarded the works of FGD system through competitive bidding process. The works being still in progress, the Commission is not expressing any opinion on the proposed completion cost at this stage. The Commission shall carry out the prudence check of the cost of FGD system in true-up for the relevant year after commissioning of the same.”*

Accordingly, the cost of FGD system together with its effect on the tariff components and additional auxiliary energy shall be submitted after commissioning of the system in truing up petition of relevant year. Thus, the STPP reserves its right to submit the same at a subsequent period.

#### 16. Integrated (Naini) mines:

Since SCCL is working on the swapping of coal from Naini coal mines, Odissa, no proposal of input cost of coal from Naini mines is submitted before this Hon'ble Commission.

**N. BALRAM, IRS**  
**DIRECTOR (FINANCE)**

**THE SINGARENI COLLIERIES CO. LTD.,**

## 17. Computation of ARR

The summary of ARR claimed before the hon'ble TSERC is submitted below:

(In Rs.Crores)

| SI No | Item   | Truing up period | Ensuing Year   |                |                |                |                |
|-------|--|------------------|----------------|----------------|----------------|----------------|----------------|
|       |  |                  | 2022-23        | 2024-25        | 2025-26        | 2026-27        | 2027-28        |
| 1     | Operation & Maintenance Expenses                 | 304.61           | 356.20         | 376.17         | 397.25         | 419.52         | 443.05         |
| 2     | Depreciation                                     | 400.54           | 403.52         | 404.17         | 404.17         | 404.17         | 404.17         |
| 3     | Interest and finance charges on loan             | 266.65           | 217.44         | 181.14         | 144.14         | 107.15         | 70.15          |
| 4     | Interest on Working Capital                      | 98.65            | 96.66          | 96.59          | 96.49          | 96.37          | 96.39          |
| 5     | Return on Equity                                 | 481.81           | 485.68         | 486.33         | 486.33         | 486.33         | 486.33         |
| A     | Annual Fixed Charges (1+2+3+4+5)                 | 1552.26          | 1559.49        | 1544.39        | 1528.38        | 1513.54        | 1500.09        |
| B     | Variable Charges                                 | <b>2922.44</b>   | <b>3408.81</b> | <b>3509.81</b> | <b>3509.81</b> | <b>3519.91</b> | <b>3509.81</b> |
| C     | Incentive  | 16.03            | 18.66          | 31.69          | 31.69          | 31.84          | 31.69          |
| D     | water charges, Audit fee & Tariff filling fee    | 2.30             | 0.00           | 0.00           | 0.00           | 0.00           | 0.00           |
| E     | Total gross annual revenue requirement (A+B+C+D) | 4493.03          | 4986.96        | 5085.89        | 5069.88        | 5065.29        | 5041.59        |
| F     | Less non-tariff                                  | 9.27             | 3.90           | 4.09           | 4.29           | 4.51           | 4.73           |

  
**N. BALRAM, IRS**  
**DIRECTOR (FINANCE)**  
**THE SINGARENI COLLIERIES CO. LTD.,**  
**KOTHAGUDEM . 507 101.**

|   |   |         |         |         |         |         |         |
|---|---|---------|---------|---------|---------|---------|---------|
|   | income (NTI)  |         |         |         |         |         |         |
| G | Aggregate revenue requirement to be recovered from tariff (E-F) | 4483.76 | 4983.07 | 5081.80 | 5065.59 | 5060.79 | 5036.85 |

A copy of tariff computation is enclosed as **Annexure-E**.

**18. Authorization for filing on the petition:**

The Director (Finance) of SCCL has been authorized to sign on the petition / documents to be filed before the Hon'ble TSERC. Copy of the authorization is enclosed as **Annexure-F**

**19. Jurisdiction:**

The determination of tariff in Multi-Year tariff petition is within the Jurisdiction of TSERC. As per section 62, appropriate commission can determine the tariff for supply of electricity by a generating company to a distribution licensee. Further, the state electricity regulatory commission shall determine the tariff for generation within the state as per section 86.1(a) read with clause 38 of TSERC (conduct of business) regulations 2015.

**20. Limitation:**

The determination of tariff is a continuous process and the provisions of limitation Act does not apply to the issues to be decided as part of regulatory process such as determination of tariff etc.

**21. Court Fee:**

The present petition is filed for determination of truing up for 2022-23 and MYT for 2024-29. Hence a fee of Rs 1,50,00,000/- (Rs one crore fifty lakh) is paid as per regulation 4(3)(a) of regulation 2 of 2016 (levy of fees for various services rendered by the commission). A copy of the banker's cheque for paying the requisite court fee is attached as **Annexure -G**

M. BALRAM, IRS  
DIRECTOR (FINANCE)  
THE SINGARENI COLLIERIES CO. LTD.,  
KOTHAHUMBAH

**22. Declaration:**

This subject matter of this petition has not been raised by the petitioner before any other competent forum and that no other competent forum is currently seized of the matter or has passed any order in relation thereto.

**23. Prayer before Hon'ble commission**

SCCL prays to the Hon'ble Commission may be pleased to:

- a) Consider the submissions made by SCCL in this Multi-Year Tariff petition for FY 2024-29, and the truing up of tariff/expenditure for the period FY 2022-23.
- b) Approve Aggregate Revenue Requirement and tariff for 2X600 MW Singareni Thermal Power Plant (STPP) for each financial year for the control period comprising five years commencing from 1st April 2024 to 31st March 2029, and for the truing up of tariff/expenditure for the period of 1st April 2022 to 31st March 2023.
- c) Pass orders not to apply the components of varied figures of normative/operational parameters stated in the present regulation which are less beneficial to STPP project of 2x600 MW.
- d) Pass such further Orders, as the Hon'ble Commission may deem fit and appropriate in circumstances of the case.

Place : Hyderabad

Date : 30.01.2024

  
(Shri N. Balram)

**N. BALRAM,IRS**  
**DIRECTOR (FINANCE)**  
**THE SINGARENI COLLIERIES CO. LTD.,**  
**KOTHAGUDEM - 507 101.**

  
**N. BALRAM,IRS**  
**DIRECTOR (FINANCE)**  
**THE SINGARENI COLLIERIES CO. LTD.,**  
**KOTHAGUDEM - 507 101.**

**Annexure -A : A Copy of Power Purchase Agreement**



# POWER PURCHASE AGREEMENT

*BETWEEN*

**THE SINGARENI COLLIERIES COMPANY LIMITED**

*AND*

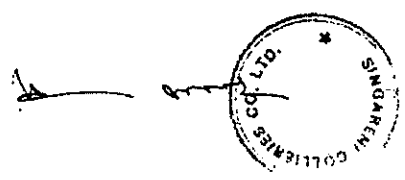
**TELANGANA STATE SOUTHERN POWER DISTRIBUTION COMPANY LIMITED**

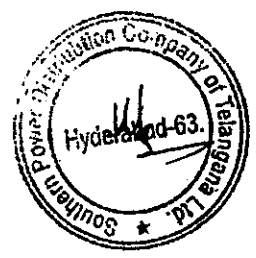
**TELANGANA STATE NORTHERN POWER DISTRIBUTION COMPANY LIMITED**

*FOR SALE OF POWER FROM*

**SINGARENI THERMAL POWER PROJECT (2X600 MW) (STAGE-I)**

**Dated 18<sup>th</sup> day of January 2016**

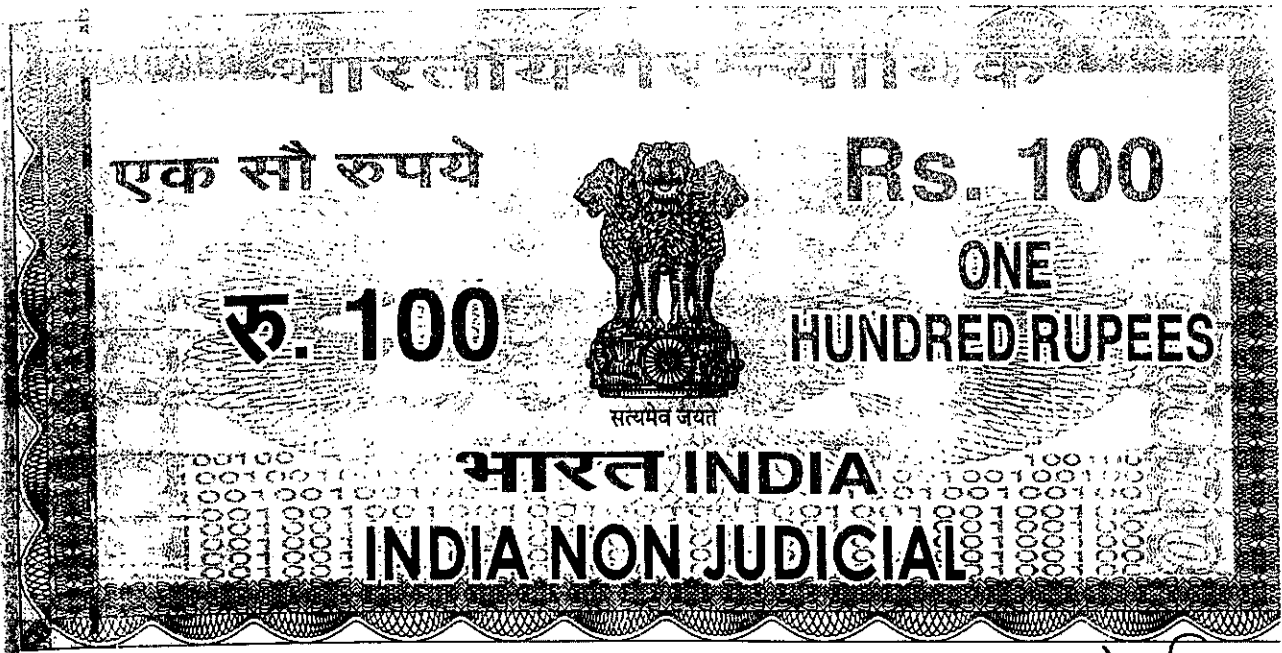
A handwritten signature is written over a circular stamp. The stamp contains the text "SINGARENI COLLIERIES CO. LTD." around the perimeter and a small star in the center.

A circular stamp with the text "Southern Power Distribution Company of Telangana Ltd." around the perimeter and "Hyderabad-63." in the center. A handwritten signature is written over the stamp.

A handwritten signature is written over a circular stamp. The stamp contains the text "TSSPDCL" at the top and "WARANGAL" at the bottom, with a large "N/D" in the center.



(19)



తెలంగాణ తేలంగానా TELANGANA

11 JAN 2016

*Mohammed Wasifuddin*  
GT 04751

202, Date: 11-01-2016, Rs.100/-  
To: Ch Prabhakar S/o. Sambaiah, R/o. Hyd.  
Whom: The Singareni Collieries Company Limited, R/o. Hyd.

MOHAMMED WASIFUDDIN  
Licenced Stamp Vendor  
Lic No. 16-07-088/2012/ R.No.16-07-034  
H. No. 5-7-14, Nampally, Hyd-01, T.S  
P. No. 9346156131

POWER PURCHASE AGREEMENT  
BETWEEN

THE SINGARENI COLLIERIES COMPANY LIMITED  
AND

TELANGANA STATE SOUTHERN POWER DISTRIBUTION COMPANY LIMITED  
TELANGANA STATE NORTHERN POWER DISTRIBUTION COMPANY LIMITED  
FOR SALE OF POWER

FROM

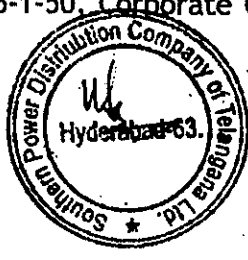
SINGARENI THERMAL POWER PROJECT (2X600 MW) (STAGE-I)  
Dated 18<sup>th</sup> day of January 2016.

THIS POWER PURCHASE AGREEMENT, hereinafter called "Agreement", entered into at Hyderabad on this 18<sup>th</sup> day of January, Two Thousand and Sixteen.

Between

Telangana State Southern Power Distribution Company Limited constituted on 02-06-2014 under AP Reorganization Act 2014 and the sub-section (6) of section 23 of Andhra Pradesh Electricity Reform Act, 1998 (Act, 30 of 1998) and having its registered office at 6-1-50, Corporate Office, Mint Compound,

*[Signature]*  
SINGARENI COLLIERIES CO. LTD.  
Hyderabad-63.



OV 2015

Hyderabad-500 063 (hereinafter referred to as "TSSPDCL"); Telangana State Northern Power Distribution Company Limited, constituted on 02-06-2014 under AP Reorganisation Act 2014 the sub-section (6) of section 23 of Andhra Pradesh Electricity Reform Act, 1998 (Act, 30 of 1998) and having its registered office at H.No.2-5-31/2, Corporate Office, Vidyut Bhavan, Nakkalagutta, Hanamkonda, Warangal - 506001 (hereinafter referred to as "TSNPDCL"); (hereinafter each of TSSPDCL and TSNPDCL are, as the context may require, individually referred to as "TSDISCOMS" and collectively referred to as the "TSDISCOMS" which expression shall, unless it be repugnant to the context or meaning thereof include its successors and assigns), as parties of the first part, and

2. THE SINGARENI COLLIERIES COMPANY LIMITED, constituted under the Companies Act 1956 having its registered office at Kothagudem, Khammam District (hereinafter called "SCCL") which expression shall, unless repugnant to the context or meaning thereof include its successors and assigns), as party of the second part entered on 18.01.2016 and will be submitted to TSERC for approval.

WHEREAS the erstwhile Govt. of Andhra Pradesh had accorded approval to SCCL for setting up of Singareni Thermal Power Project (2 x 600 MW) Stage-I at Pegadapalli village, Jaipur Mandal, Adilabad District, Telangana State, hereinafter referred to as "Singareni Thermal Power Project (2 x 600 MW) Stage-I", and generally referred to as "PROJECT" whereas SCCL is a Public Sector Company owned by the Government of Telangana and Government of India in the ratio 51:49 and will be executing the Project and to be owned & operated by SCCL.

AND WHEREAS TSDISCOMS are desirous of purchasing the capacity of 1200 MW from Singareni Thermal Power Project (2 x 600 MW) Stage-I and SCCL is willing to sell the same to TSDISCOMS on mutually agreed terms and conditions.

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SINGARENI COLLIERIES CO. LTD.

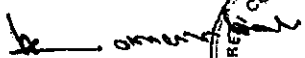

Southern Power Distribution Company of Telangana Ltd.  
Hyderabad-63.


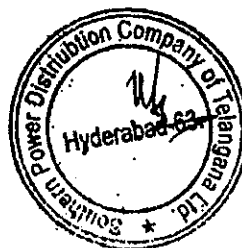
*Handwritten signature*  
TSSPDCL  
WARANGAL

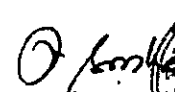

AND WHEREAS SCCL is setting up Singareni Thermal Power Project (2 x 600 MW) Stage-I at Pegadapalli village, Jaipur Mandal, Adilabad District, Telangana State, hereinafter referred to as "Singareni Thermal Power Project (2 x 600 MW) Stage-I", and generally referred to as "PROJECT" to be owned and operated by SCCL.

The terms and conditions of the Power Purchase Agreement are as per prevailing TSERC regulations and any changes in TSERC regulations that may occur in future shall be applicable for all operating norms or any other parameters.

Now therefore, in consideration of the premises and mutual agreements, covenants and conditions set forth herein, it is hereby agreed between the Parties as follows:

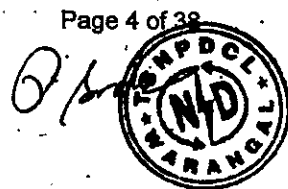
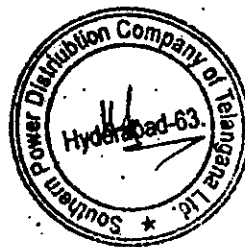
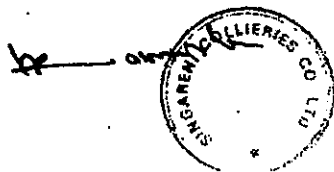
  


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**Article 1: INTERPRETATION AND DEFINITIONS**

The words or expressions used in this agreement but not defined hereunder shall have the same meaning assigned to them by the Electricity Act 2003 as amended from time to time, the Rules framed there under and Regulations issued by TSERC from time to time.

- 1.1 'Act' means the electricity Act, 2003
- 1.2 Agreement to Hypothecate cum Deed of Hypothecation - shall have the meaning as ascribed in Annexure V.
- 1.3 Availability - 'Availability' as defined in the TSERC (Terms and Conditions of Tariff) Regulations as amended or replaced from time to time
- 1.4 Acceptance Test for establishing the Capacity of the Unit - Acceptance test for establishing the Capacity of the Unit shall be performed in the presence of SCCL and TSDISCOMS representatives and on satisfying the capacity of the Unit, the capital cost of the project shall be arrived at on pro-rata basis against the rated capacity.
- 1.5 'Additional Capitalization' means the capital expenditure actually incurred after date of commercial operation of the station and admitted by the Commission after prudence check.
- 1.6 Approved Capital Cost: to be taken into account at any time for the purposes of the Tariff means, the amount of Capital Cost of the Project shall be the aggregate of the following sub-items.
  - 1.6.1 The Completed Cost approved by TSERC up to COD.
  - 1.6.2 Any additional Project costs incurred for execution of the Project by SCCL and approved by the TSERC to be included in the final Capital Cost.
  - 1.6.3 Cost of initial spares subject to limitation of 2.5% of the Original Project cost.
  - 1.6.4 Any additional works / services that became necessary for efficient and successful operation of the generating station, but not included in the original project cost as per TSERC regulations applicable from time to time.

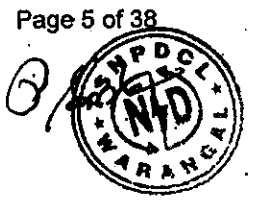
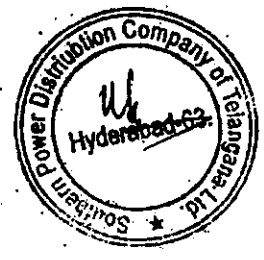
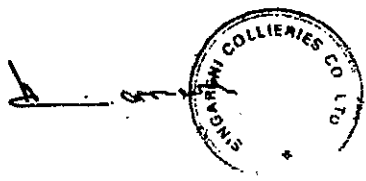


- 1.7 **Authority:** means the Central Electricity Authority referred to in Electricity (Supply) Act, 1948 or any successor entity entrusted with its functions and capacities.
- 1.8 **Auxiliary Consumption:** Auxiliary consumption means the energy consumed by SCCL for operating the unit and facilities in the power plant. The difference between generation and net energy export (Ex-Bus) which is measured for billing purposes by means of the existing meters at SCCL generator terminals as well as outgoing feeders from the station bus is Auxiliary Consumption.
- 1.9 **Availability Computation:** It is in relation to a Thermal Generating station for any period means the average of the daily average declared capacity for all the days during that period expressed as a percentage of the installed capacity of the Generating stations minus the normative auxiliary consumption in MW, as specified in this regulation and shall be computed in accordance with the following formula.

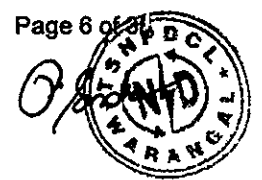
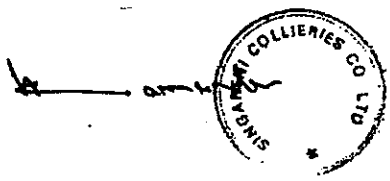
$$\text{Availability} = 10000 \times \frac{\sum_{i=1}^N \text{DC}_i}{N \times \text{IC} \times (100 - \text{AUX}_n)} \%$$

Where DC<sub>i</sub> = Average Declared Capacity for the ith day of the period in MW  
 N = No. of Days during the period  
 IC = Installed Capacity of the generating station in MW  
 AUX<sub>n</sub> = normative auxiliary consumption as percentage of gross generation.

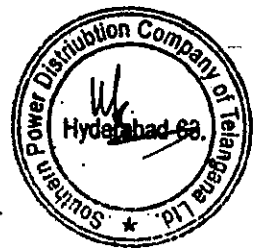
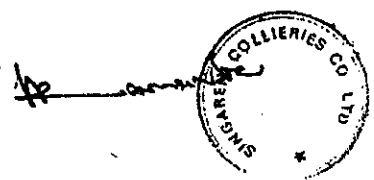
- 1.10 **Billing Centre** - The office as intimated by SCCL to the TSSPDCL and TSNPDCL from where the bills will be raised on them.
- 1.11 **Billing Date:** The Billing Date shall be 5 (five) days after the Meter Reading Date in each Calendar month.
- 1.12 **Billing Month:** The Billing Month means Metering Date of calendar month to the Metering Date of the next calendar month.
- 1.13 **Bus Bars / Ex Bus:** Bus bars of the station to which outgoing feeders are connected.
- 1.14 **Business Day:** It shall be construed as a reference to a day (other than Sunday) on which banks are generally open for business in Hyderabad.



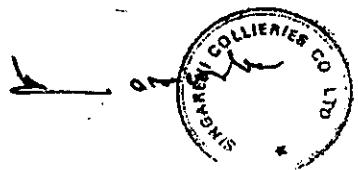
- 1.15 **Capacity Charges:** Capacity Charges (or) Fixed Charges as determined by TSERC and shall be paid in proportion to the Contracted Capacity from time to time
- 1.16 **Capital cost:** - Capital cost of project or its units or stages as the case may be, means the capital expenditure thereof as admitted by the Commission for determination of tariff.
- 1.17 **Charges for Supply of Electricity:** Mean and include all charges including the Tariff to be paid by the TSSPDCL and TSNPDCL in respect of supply of electricity to them from the Project in accordance with the provisions of this Agreement
- 1.18 **COD of the Project:** means the Commercial Operation Date of both the Units.
- 1.19 **Commercial Operation Date or COD:** means in relation to each unit of the thermal generating station, the date declared by the generating company after demonstrating the maximum continuous rating (MCR) or the installing capacity (IC) through a successful trial run after notice to the beneficiaries, from 00:00 hour of which scheduling process as per the Electricity Grid Code (IEGC) is fully implemented, and in relation to the generating station as a whole, the date of commercial operation of the last unit of the generating station.
- 1.20 **Contracted Capacity:** Capacity contracted (2x600 MW) by TSSPDCL and TSNPDCL under this Agreement
- 1.21 **Cut-off date:** Means 31<sup>st</sup> March of the year closing after two years of the year of commercial operation of the project, and in case the project is declared under commercial operation in the last quarter of the year , the cut-off date shall be 31<sup>st</sup> march of the year closing after three years of the year of commercial operation.
- 1.22 **Date of Effectiveness of Agreement:** Date of signing of this agreement including payment security as envisaged in Annexure V.
- 1.23 **Debt:** means the amount of any loans, debentures or other similar obligations, contracted or raised and received by SCCL for the Project, but only to the extent that the proceeds of such capital contribution are exclusively utilized on the Capital Cost of the Project.
- 1.24 **Debt Repayment:** means, in relation to a specified period, the amount of Debt 70% of the capital cost which SCCL is due to repay in such period, in Indian Rupees in which the Debt is incurred.



- 1.25 **Declared Capacity (DC):** means the capability of the generating station to deliver ex-bus Electricity in MW declared by such generating station in relation to any period of the day or Whole of the day, duly taking into account the availability of fuel.
- 1.26 **Depreciation:** means the sum of the amounts of depreciation on buildings, equipment and other capital facilities of the Project on the date hereof, and in respect of any asset, shall be allowed upto 90% of the approved Capital Cost and shall cease so soon as its net book value equals the residual value i.e., 10 percent of its original cost as included in the Capital Cost.
- 1.27 **Designated Officer:** The Designated Officer in TSSPDCL and TSNPDCL shall be of the rank of a Financial Advisor & Chief Controller of Account (FA & CCA) and GM (F&A) or any other Officer designated by TSSPDCL and TSNPDCL for matters relating to Billing and Payment.
- 1.28 **Dispatch Instructions:** Dispatch Instruction shall be as mentioned in the Grid Code as per clause 1.24
- 1.29 **Duration of Agreement:** Duration of Agreement shall be 25 years from date of C.O.D of the Project.
- 1.30 **Due Date of Payment:** In case of a regular Monthly Bill due date of payment shall be within 60 (Sixty) days from the Billing Date and in case of a Supplementary Bill it shall be within 60 (Sixty) days from the presentation of the Supplementary Bill to the Designated Officer of TSSPDCL and TSNPDCL.
- 1.31 **Energy Certification Committee (ECC):** shall be the Body of the Designated Officers constituted at the headquarters by both the Parties to certify each Billing Month the Net Energy Sale by one Party to the other based the Monthly Meter Readings jointly recorded at the power house.
- 1.32 **Equity:** means the actual equity (including internal accruals) limited to 30 percent of Approved Capital Cost of the Project in Rupees and is used for the purposes of computation of ROE in fixed charges during the period of the Agreement.
- 1.33 **Escrow Agreement:** Shall have the meaning as ascribed in Annexure V.
- 1.34 **Grid Code:** Grid Code means the Code of Technical Interface (Grid Code) 2001 Revision 1, June 2001 as approved by APERC vide Proceedings No. APERC / Dir-Engg / Grid- Code/20 dated 26-05-2001 and adopted by TSERC Lr.No.TSERC No. L-01/DD LAW-1 Dt. 24-11-2014 as Regulation No.1 of 2014.



- 1.35 **Gross Calorific Value (GCV):** Gross Calorific Value means, in respect of coal and secondary fuel, heat produced in Kcal by complete combustion of one kilogram of solid fuel or one litre of liquid fuel, as the case may be.
- 1.36 **Income Tax:** Taxes on Income actually payable and paid shall be limited to Tax on Return on the Equity component of the RoCE, and exclusive of tax on profit, if any, in excess of such return, penalties, interest on delayed payment of tax etc., and duly adjusted for any refund etc. received for previous periods.
- 1.37 **Infirm power:** means electricity injected in to grid prior to the commercial operation of a unit or block of generating station.
- 1.38 **Installed Capacity:** means the summation of the name plate capacities of all the units of generating station or the capacity of the generating station (reckoned at the generator terminals) as approved by the commission from time to time.
- 1.39 **Installed Capacity Test:** In relation to any Generating Unit means any capacity test of such Generating Unit to be carried out pursuant to Annexure-II (Commissioning and Testing).
- 1.40 **Interconnection point:** Interconnection point means the point at the outlet side of HV feeder (including the feeders between the generating stations) breaker where the power plant and the grid are connected in the power plant switchyard.
- 1.41 **Interest on Working Capital:** The Interest on Working Capital shall be as per the TSERC Norms.
- 1.42 **Licensee:** Means a person, granted a licensee under section 14 of the Electricity Act, 2003.
- 1.43 **Maximum continuous rating:** It is in relation to unit of the thermal power generating station means the maximum continuous output at the generator terminals, guaranteed by the manufacturer at rated parameters, and in relation to a unit or block of a combined cycle thermal power generating station means the maximum continuous output at generator terminals, guaranteed by the manufacturer with steam injection and corrected to 50Hz grid frequency and specified site conditions.





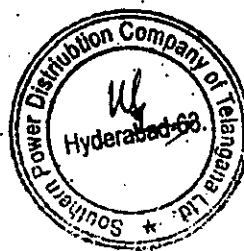
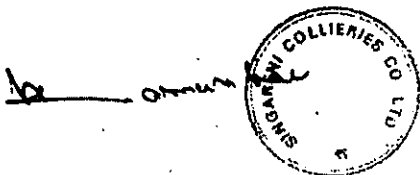
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- 1.44 **Meter:** 'Meter' means a device suitable for measuring, indicating and recording consumption of electricity or any other quantity related with electrical system and shall include, wherever applicable, other equipment such as Current Transformer (CT), Voltage Transformer (VT) or Capacitor Voltage Transformer (CVT) necessary for such purpose;
- 1.45 **Metering Date:** Metering Date for the first calendar month will be Date of COD of each unit. Subsequent Metering Date will mean midday (12:00 hours) of the last day of each calendar month. However, the Metering Date of the Financial Year ends at 24:00 Hrs on 31<sup>st</sup> march of Subsequent year and so on.
- 1.46 **Monthly Bill:** Monthly Bill will have the meaning ascribed to it under Article 6 for Thermal Energy supplied under this Agreement.
- 1.47 **Net Electrical Energy:** It is the energy, supplied from SINGARENI THERMAL POWER PROJECT 2 x 600 MW Stage-I measured in kWh, at the point of interconnection in accordance with the provisions of Article 7.
- 1.48 **Plant Load Factor (PLF):**The Plant Load Factor in a Tariff Year expressed in percentage is:

$$PLF = \frac{\text{Total net Electrical Energy measured at Interconnection Point} \times 100}{(\text{Installed Capacity of Thermal Power Station in MW}) \times (8760) \times (100 - A)}$$

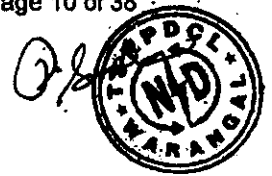
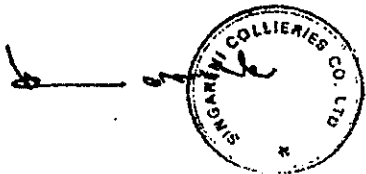
Whereas A is the auxiliary consumption expressed in percentage of the thermal Power station.

- 1.49 **Project:** means the coal based Thermal Power Station namely Singareni Thermal Power Project (STPP) 2 x 600 MW Stage-I established at Pegadapalli Village, Jaipur Mandal, Adilabad District, Telangana State, India, having a design rated capacity of 2 x 600 MW and all facilities and related assets required for the efficient, economic and safe operation of the Power Station including, without limitation, any railway yard & equipment, coal handling and ash disposal facilities and sampling and testing facilities and infrastructure features where so ever situated.
- 1.50 **Prudent Utility Practices:** Prudent Utility Practices means the practices, methods, techniques, and standards that are generally accepted nationally and internationally from time to time and commonly used in the national and international electric utility industry for the operation and maintenance of equipment of the size and having the other characteristics of a Power Station in a safe, prudent and reliable manner consistent with the parameters for such operation and maintenance set forth in this Agreement, which practices, methods,



techniques and standards shall be adjusted as necessary to take account of the requirements of Law, physical conditions at the site on which a Power Station is located and operation and maintenance guidelines of the manufacturers of plant and equipment incorporated in the Power Station which SCCL is required to follow in order to maintain in effect any warranties, guarantees or insurance policies relating thereto.

- 1.51 **Station Heat Rate:** Station Heat Rate means the quantum in Kilo Calories of input heat energy required by a Thermal Power Station to generate one Electrical Energy Unit at the Generator terminals, as per TSERC Regulations.
- 1.52 **Supplementary Bill:** Supplementary Bill will have the meaning ascribed to it in Article 6.
- 1.53 **Tariff Year:** Tariff Year shall be the financial year.
- 1.54 **TSERC:** means the Telangana State Electricity Regulatory Commission constituted under the Andhra Pradesh Reorganisation Act, 2014.



**Article 2: ALLOCATION, TRANSMISSION & WHEELING OF POWER**

**2.1 Installed Capacity:**

2.1.1 The Installed Capacity of Singareni Thermal Power Project Stage -1 is 1200 MW (2x600 MW).

2.1.2 The Project is being developed for the sale of 1200 MW power to TSSPDCL and TSNPDCL, excluding Auxiliary Consumption.

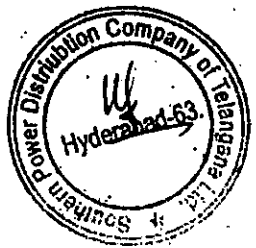
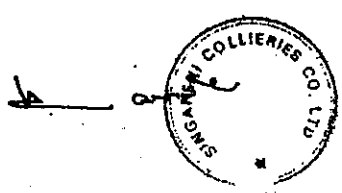
**2.2 Allocation of Capacity**

2.2.1 The Project is being developed for the sale of power to TSSPDCL and TSNPDCL in proportion of sharing as approved by Government of Telangana.

2.2.2 The allocation made from the Project by Government of Telangana or any other competent authority in favour of TSSPDCL and TSNPDCL shall be contracted capacity subject to signing of the agreement, opening of LC and providing appropriate payment security mechanism as provided at annexure V in this agreement. TSSPDCL and TSNPDCL shall draw electricity against the above contracted capacity limited to the amount of LC opened and maintained by it. SCCL shall intimate SLDC from time to time regarding the quantum of capacity TSSPDCL and TSNPDCL are eligible to draw

**2.3 Transmission / Wheeling of Electricity**

2.3.1 Sale of electricity shall be at the bus bars of the Project and it shall be the obligation and responsibility of TSSPDCL and TSNPDCL in coordination with TSTRANSCO to make the required arrangement for evacuation of electricity from such delivery points of the SCCL



**Article 3: SALE AND PURCHASE OF AVAILABLE ELECTRICAL CAPACITY AND ENERGY**

**3.1 Power Supplies by SCCL**

**3.1.1 Scheduling:** It is understood and agreed by and between the parties that SCCL shall operate the project as a base load station as per the manufacturers' guidelines, applicable grid operating standards, directions of the TSERC and relevant statutory provisions, as applicable from time to time. Methodology of generation scheduling shall be as per IEGC and TSERC appropriate regulations.

All charges / fees related to scheduling and despatch of electricity shall be borne by TSSPDCL and TSNPDCL.

SCCL shall make declaration of the capacity at the busbars of the station after taking into account the capability of the station to deliver Ex-Bus which shall be considered while calculating Declared Capacity (DC)

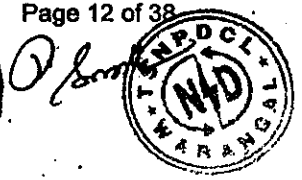
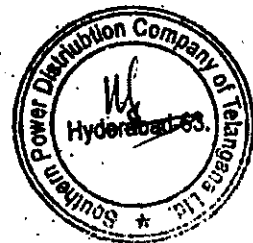
**3.1.2 Declared Capacity :** Declared Capacity or 'DC' means the capability of the station to deliver Ex-Bus electricity in MW declared by the station in relation to any period of the day or whole of the day, duly taking into account the availability of Coal as per the procedure laid down in IEGC

Notwithstanding the following, Station shall be deemed as available to the extent of DC declared by the station for any time period:

(a) Failure on account of TSSPDCL and TSNPDCL to transmit and wheel electricity from the Ex-Bus of the station in coordination with TSTRANSCO

(b) Any other reason not attributable to SCCL restricting scheduling and despatch of capacity at the Ex-Bus of the station

**3.2 Sale and Purchase of Infirm Power:** After Synchronization and prior to the COD of any Generating Unit, SCCL will sell and TSSPDCL and TSNPDCL will purchase all infirm power generated by that Generating Unit in proportion to the allocation made. TSSPDCL & TSNPDCL will reimburse SCCL the actual cost of all Coal & Secondary Fuel consumed for such generation.



3.3 **Sale and Purchase of Declared Capacity and Net Electrical Energy:** From and after the Commercial Operation Date of the 1<sup>st</sup> Unit, subject to the provisions of this Agreement, SCCL shall sell, and TSSPDCL and TSNPDCL shall purchase, the entire Declared Capacity and all Net Electrical energy generated by the Unit / Project from the (2x600 MW) Power Project for the consideration set forth in this agreement.

The obligation of SCCL to sell capacity to the TSDISCOMs under this PPA shall, in each Settlement Period, be 80% of the declared capacity of the Unit / Project or to be revised as per TSERC tariff Regulations issued from time to time.

- (a) SCCL shall always inform, along with the Availability Declaration, the capacity committed to TSDISCOMs for each Settlement period.
- (b) **Net Electrical Energy:** Means the Energy Units actually delivered to TSSPDCL and TSNPDCL (TSDISCOMs) by SCCL pursuant to sale to TSDISCOMs of the capacity under Article 3 of this PPA, as computed at the Inter Connection Point, which point shall be the only point at which such Net Electrical Energy shall be computed under this Agreement.

3.3.1 **Power Supplies by TSDISCOMS:**

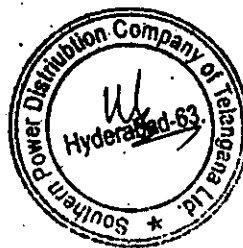
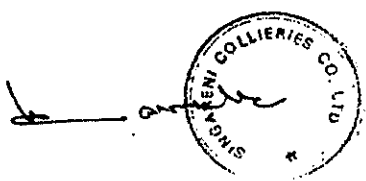
Upon SCCL's request, TSDISCOMS shall provide electrical energy to SCCL for construction, start-up and maintenance, and also for commissioning of the Project. TSDISCOMS shall furnish a bill to SCCL for such power at a price equal to TSDISCOMS's published tariff for construction power during the construction and start-up period up to the COD of the Project.

After COD of the Project, Tariff Bills presented by SCCL to TSDISCOMS shall be on a net energy basis taking into account the power supplied by TSDISCOMS to the Project.

3.4 **Dispatch Instructions (DI):**

3.4.1 At 10.00 hours every day, SCCL shall DIRECTLY provide Capacity Notice to the SLDC, denoting the Unit-wise Hourly MW Availability (00.00 - 24.00 hours) on day ahead basis.

TSDISCOMS shall in turn intimate the same day by 16.00 hours the Generation Schedule to SCCL for the following day with respect to all the Units of the Project that have declared Capacity Notice.



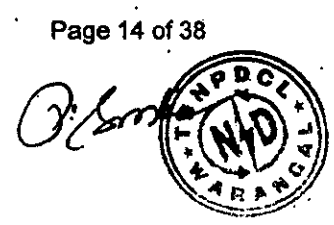
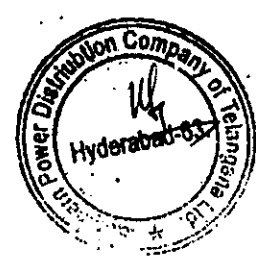
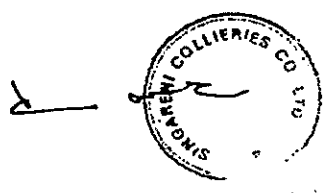
3.4.2 SCCL shall follow the SLDC's directives, to back down, increase or resume generation, decrease generation at times on a day, provided that such directives are consistent with the technical limits of the facility, Prudent Utility Practices or in accordance with discharge functions of SLDC. Number of Dispatch Instructions per day shall not exceed two. The duration of back down and quantum of energy backed down each day shall be reconciled and certified by both SCCL (at Station level) and SLDC on monthly basis.

3.4.3 Nothing contained in this Agreement shall be construed to require SCCL to operate the facility, at any time, including emergency, inconsistent with Prudent Utility Practices and the Technical Limits in any manner.

3.4.4 Backing down limits of units:

For Singareni thermal Power Project, TSDISCOMs capacity shall not be backed down more than the limit of 35.00% of 1200 MW capacity allocated to TSDISCOMs.

In absence of any dispatch instructions from TSTRANSCO, the Units will operate according to the day ahead capacity notice furnished by SCCL.



**Article 4: GENERATION TARIFF**

**4.1 Terms and Conditions**

4.1.1 The tariff for the electricity supplied from the Project would be as determined under the tariff regulations of TSERC and tariff order thereof from time to time

4.1.2 Tariff for sale of electricity from the Project would be based on prevailing TSERC Regulations time to time.

**4.2 Capacity Charges (Fixed Charges):** SCCL shall claim the Annual Fixed Charges as approved by TSERC for each Tariff Year. The Annual Fixed Charges shall be computed as per TSERC norms and regulations and shall comprise of the following

- a) Return on capital employed (RoCE)
- b) Depreciation
- c) O&M expenses
- d) Taxes on Income as per actuals

4.2.1 **Capital Cost:** The capital cost of the Project shall be taken as Rs.8250.00 crores (provisional) as per Annexure-I.

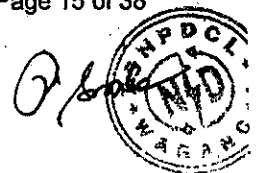
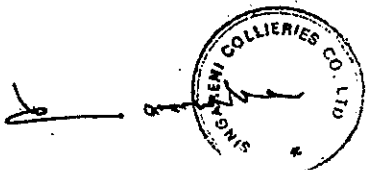
4.2.2 **The Operation & Maintenance Charges:** The Operation & Maintenance and Insurance Expenses (O&M) for 600 MW sets would be as per the latest norms or regulations issued by TSERC.

4.2.3 **Interest on Working Capital:** Interest on Working Capital shall be calculated as per TSERC norms / regulations from time to time.

4.2.4 **Debt-Equity ratio:** The debt-equity ratio as on the date of Commercial operation shall be taken as 70:30 for determination of tariff irrespective of the actual quantum of debt and equity.

**4.2.5 Recovery of Fixed Charges:**

- (a) Annual Fixed Charges shall be computed for 100% after the Unit is declared for commercial operation date.
- (b) When the actual Capital Cost of project is finalized, the amount of any over payment or under payment relative to the Approved Capital Cost shall be refunded or paid (as the case may be) in twelve equal payments at the time of the payment of the next twelve monthly bills for Tariff payments after such finalization.



- (c) Target availability of the unit for recovery of full fixed charges shall be 80%.
- (d) One-twelfth of the full "Annual Fixed Charges", computed pursuant to this Article 4 shall be claimed through the "Monthly Bill", on every Recovery month of a Financial Year.

SCCL shall receive full Annual Fixed Charges if Availability in the Tariff Period or Tariff Year is not less than 80%. If Availability is less than 80%, Fixed Charges shall be allowed on pro-rata basis.

4.2.6 **Deemed Generation:** Stoppage of generation due to problems in Power evacuation for Generating stations shall be treated as Deemed Generation for the purpose of computation of availability for payment of fixed charges. In case of shortage of fuel, TSSPDCL, TSNPDCL and SCCL will decide and finalise in consultation with Coal Companies at that time.

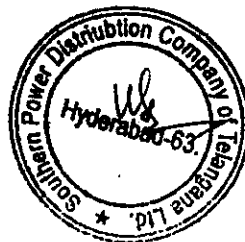
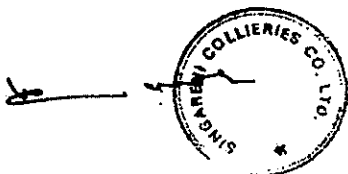
4.3 **Variable Charge:** For any Billing Month, the Variable Charge component of the Tariff (comprising cost of Coal and Secondary Fuel Oil) shall be determined as per annexure-III

Variable Charges consists of cost of coal & oil. Landed cost of coal and oil shall include Transit and handling charges, royalty on coal, taxes, duties as applicable. Transportation cost by rail/road or any other means and energy charges shall be arrived after considering transit & Windage losses as given in Annexure-IV. Variable charges shall be paid based on the computation as per Annexure-III. Variations, if any, in delivered cost of coal & oil consequent to raising of initial bill shall be adjusted. For claiming such revision, SCCL will raise supplementary Bills.

4.4 **Operating parameters:** The values of Operating parameters like Station Heat Rate, Auxiliary power consumption and specific consumption of secondary fuel oil for the duration of the PPA shall be as per prevailing TSERC Regulations from time to time.

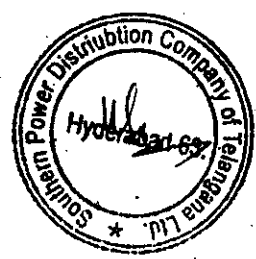
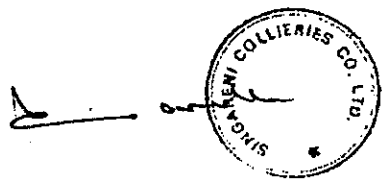
4.5 **Incentive:**

- (a) Target plant load factor for incentive shall be 80%.
- (b) Incentive shall be payable at a flat rate of 25 paisa/kwh for ex-bus scheduled energy corresponding to scheduled generation in excess of ex-bus energy corresponding to target Plant Load Factor.



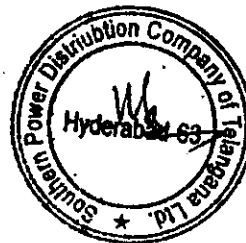
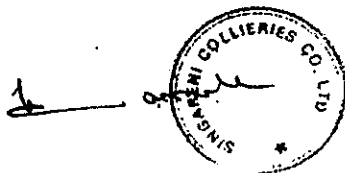


- 4.6 **General:** Any changes in TSERC regulations that may occur in future shall be applicable for all operating norms or any other parameters. For anything not covered in this agreement, TSERC regulations will be applicable.
- 4.7 **Commercial Operation Date or COD:** COD in relation to a generating unit means, the date declared by the generating company after demonstrating the maximum continuous rating (MCR) or the installing capacity (IC) through a successful trial run after notice to the beneficiaries, and in relation to the generating station means, the date of commercial operation of the last unit.



Article 5: TAXES, LEVIES, DUTIES, ROYALTY, CESS ETC

- 5.1 Levies, Taxes, Duties, Cess: The above Tariff is exclusive of any statutory taxes, levies, duties, cess or any other kind of imposition (s) whatsoever imposed/charged by any Government (Central/State) and/or any other local bodies/authorities on generation of electricity including auxiliary consumption or any other type of consumption including water, transmission, environment protection, sale or on supply of power/ energy and / or in respect of any of its installations associated with Generating Stations and/or on Transmission System.
- 5.2 The total amount of such levies/taxes/ duties/ cess etc. payable by SCCL to the authorities concerned in any month on account of the said levies/taxes/duties/cess etc. as referred to above shall be borne and additionally paid by TSSPDCL and TSNPDCL to SCCL.
- 5.3 Incidence of income tax liability on project income limited to the extent of RoE as per the provisions of the Income Tax Act applicable from time to time shall be recovered from TSSPDCL and TSNPDCL duly certified by Statutory Auditors of SCCL.
- 5.4 **Income Tax:** Incidence of tax liability on SCCL as per Income Tax Act in force from time to time shall be payable in addition to the amount as per the Tariff Bill by TSSPDCL and TSNPDCL duly certified by the Auditors of SCCL. However the tax payable on project income exceeding the Return on Equity will not be charged to TSSPDCL and TSNPDCL. If any advance income tax is payable by SCCL in any month, SCCL shall submit a bill to TSSPDCL and TSNPDCL supported by a certificate of its chartered accountant at least 20 (twenty) days before the due date of such payment. TSSPDCL and TSNPDCL shall pay to SCCL an amount equal to such advance tax within ten (10) days from the receipt of such Bill. After the tax assessment is completed for any year, if any, balance tax amount is payable by SCCL, TSSPDCL and TSNPDCL shall pay such balance tax within 15 days of demand by SCCL. In case the tax authority refunds any amounts to SCCL including interest thereon, SCCL shall promptly make an appropriate refund to TSSPDCL and TSNPDCL.
- 5.5 Income Tax applicable for the sale of power under this agreement shall be governed by the applicable TSERC regulations and the parties agree to abide by and comply such regulations.



**Article 6: BILLING AND PAYMENT**

**6.1 Billing:**

6.1.1 All charges for supply of Electricity under this Agreement shall be billed by SCCL as determined time to time by the TSERC and/ or any other Competent Authority and the same shall be paid by TSSPDCL and TSNPDCL in accordance with the following provisions:

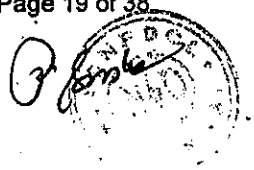
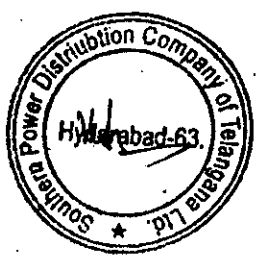
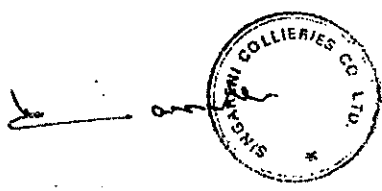
6.1.2 SCCL shall present the bills for electricity supplied to TSSPDCL and TSNPDCL from the Project for the previous month based on Energy Account issued by Telangana State Load Dispatch Centre or any other Competent Authority as per TSERC regulations applicable from time to time.

6.1.3 Billing Centre of SCCL shall carry out billing and associated functions. SCCL would submit the bills to the officer to be nominated by TSSPDCL and TSNPDCL

6.1.4 The Monthly Bill for the Project shall include the Charges for Supply of Electricity under this Agreement, taxes, duties, cess etc including additional bills for the past period (s) on account of orders of TESERC/ Appellate Tribunal for Electricity/ Other Courts/ Other Competent Authority (ies). If for certain reasons some of the charges which otherwise are in accordance with this Agreement, cannot be included in the main Monthly Bills, such charges shall be billed as soon as possible through Supplementary Bill(s).

6.1.5 TSSPDCL and TSNPDCL shall arrange payment of such Monthly Bill (s) / Supplementary Bill (s) promptly through irrevocable Letter of Credit at the designated account of SCCL or through RTGS. The date of transfer of payment to SCCL account shall be considered as the date of payment for computation of rebate or late payment of surcharge in respect of such payment. The bill (s) of SCCL shall be paid in full subject to the condition that -

- i. there is no apparent arithmetical error in the bill (s)
- ii. the bill (s) is /are claimed as per the notified / agreed tariff
- iii. they are in accordance with energy accounts issued by Telangana State Load Dispatch Centre or any other Competent Authority as per TSERC regulations applicable from time to time.



6.1.6 All payments made by TSSPDCL and TSNPDCL shall be appropriated by SCCL for amounts due from TSSPDCL and TSNPDCL in the following order of priority:

- i. towards Late Payment Surcharge, payable if any
- ii. towards earlier unpaid bill (s) if any; and
- iii. towards the statutory dues like, other tax, royalty etc in the current bill (s).

6.1.7 In case TSSPDCL and / or TSNPDCL dispute any amount, even then, it shall pay 95% of the disputed amount forthwith and file a written objection with SCCL within 30 days of presentation of the bill, giving following particulars:

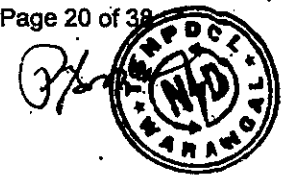
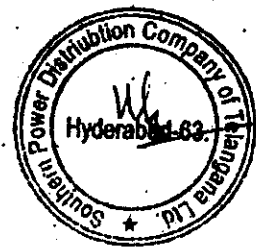
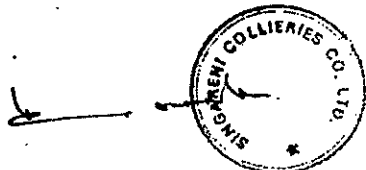
- i. Item disputed, with full details / data and reasons of dispute
- ii. Amount disputed against each item

Provided that non acceptance of tariffs determined / approved by TSERC shall not be a valid ground for dispute

6.1.8 The amount of excess / shortfall with respect to the said 95% payment based on finally determined amount in line with Article 6 shall be paid / adjusted with the applicable interest @ 15% per annum from the date on which the amount in dispute was payable / refundable

6.1.9 Monthly Bill: On or before each Billing Date, SCCL shall submit to TSSPDCL and TSNPDCL a Monthly Bill based on (a) meter reading (taken pursuant to Article 7) that has either been signed by both Parties or certified by SCCL with respect to TSSPDCL and TSNPDCLs' refusal to sign within five days of the Metering Date and (b) the Tariff, which will set out the monthly Fixed Charges and the monthly Variable Charges with respect to the Project covered under this Agreement.

6.1.10 Each Monthly Bill for a Billing Month shall be payable by TSSPDCL and/or TSNPDCL in accordance with this Agreement on or before the Due Date of Payment., which will be the date 30 days from the date of presentation of the Tariff Bill to the Designated Officer of TSSPDCL and TSNPDCL.



6.2 **Supplementary Bills:** Any amount due to SCCL by TSSPDCL and/ or TSNPDCL under this Agreement other than amounts set out in a monthly Tariff Bill shall be payable within thirty (30) days after presentation of Supplementary Bill(s) by SCCL to TSSPDCL and /or TSNPDCL. This will include, but not be limited to the following:

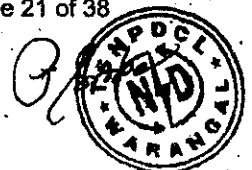
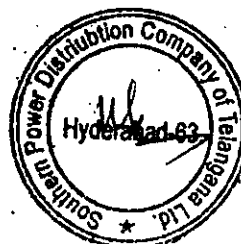
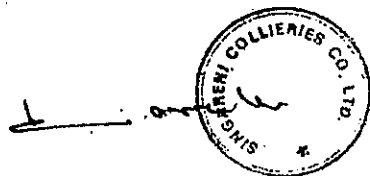
- i. Claims for Income Tax.
- ii. Claims for increased costs, if any
- iii. Statutory Duties, Taxes, Cess, Levies, fee, Royalty, etc.
- iv. Monthly Tariff Adjustments
- v. Water charges, NALA charges, etc.
- vi. Any claims of Central/State/Local authorities/Bodies, etc.
- vii. Any other claim admissible under this Agreement.

6.3 **Payment mechanism:** The bills shall be presented to the Designated Officer of TSSPDCL and TSNPDCL for payments. Payments by TSSPDCL and TSNPDCL for such bills raised by SCCL shall be made within 60 days through revolving Letter of Credit (LC) or through RTGS. LC is to be opened in favour of SCCL to cover one month receivables valid for the term of the PPA. All LC charges shall be to TSSPDCL and TSNPDCL account. Escrow to cover one month receivables valid for the tenure of the PPA as per the procedure indicated in the Annexure-V.

6.3.1 **Rebate on payment through LC:** For payment of bills through a letter of credit or through RTGS on presentation, the SCCL and TSSPDCL and TSNPDCL agreed to a maximum rebate of 2 percent of the bill amount. If the payments are made within one week of presentation of the bill, the SCCL and TSSPDCL and TSNPDCL agreed to a maximum rebate of 1.25 percent of the bill amount as per TSERC regulations applicable from time to time.

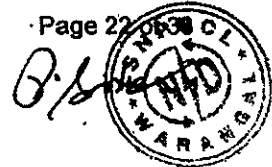
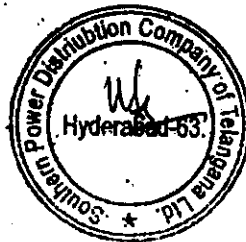
6.3.2 **Surcharge Due on Late Payment:** In case the payment by TSSPDCL and TSNPDCL is delayed beyond a period of 60 days from the date of billing, late payment surcharge at the rate of 1.25% per month or part thereof shall be levied by SCCL to TSSPDCL and TSNPDCL

6.3.3 **Rebate and Late payment surcharge shall be as per terms and conditions of tariff issued by TSERC as applicable from time to time. No rebate shall be payable on the bills raised on account of taxes, duties, royalty/ cess etc**



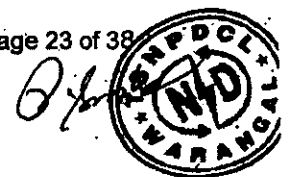
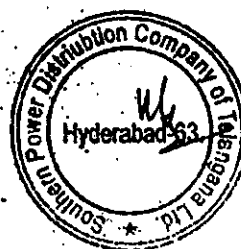
**Article 7: METERING**

- 7.1 The interface meters, viz. Main and Standby meters, of 0.25 accuracy class shall be installed and maintained by SCCL in coordination with TSTRANSCO, TSDISCOMS as per Central Electricity Authority (Installation and operation of meters) Regulations 2006 as amended from time to time (or) as notified by TSERC and Check meter of 0.25 accuracy class shall be installed and maintained by TSDISCOMS. Cost of the main meter, standby meter and charge for all types of testing and calibration will be borne by SCCL and those of check meter by TSSPDCL and TSNPDCL.
- 7.2 The main and check meters shall be installed on outgoing feeders and the Standby meters on HV side of Generator Transformers and Station Auxiliary Transformers.
- 7.3 The interface meters and the associated CTs and VTs/CVTs shall be got tested for FACTORY ACCEPTANCE TESTS as per relevant IS/IEC and for ACCURACY at an NABL accredited laboratory in presence of representatives of TSTRANSCO and TS DISCOMS for ensuring their healthiness and accuracy respectively.
- 7.4 The interface meters shall be tested at the time of installation at site for accuracy using standard reference meter of better accuracy class than the meter under test.
- 7.5 All the interface meters shall be sealed by SCCL and TS DISCOMS. Whenever seals have to be removed for any reason, advance notice shall be given to other party for witnessing the removal of seals and resealing. The breaking and resealing of the meters shall be recorded by the party, who carried out the work, in the meter register, mentioning the date of removal and resealing, serial numbers of the broken and new seals and the reason for removal of seals.
- 7.6 Half yearly Checks: All the interface meters shall be checked for accuracy half yearly by TS DISCOMS and shall be treated as working satisfactorily so long as the errors are within the limits prescribed for meters of the specific class. SCCL shall extend required coordination and attend for the check test.
- 7.7 Yearly Test for Accuracy: SCCL shall get the main and stand by interface meters tested at an NABL accredited laboratory once in every year in the presence of representatives of both TSTRANSCO and TS DISCOMS. TSDISCOMS shall get the check interface meters tested at an



NABL accredited laboratory once in every year in the presence of representatives of both TSTRANSCO and SCCL.

- 7.8 SCCL shall install AMR modules for the interface meters to enable online transmission of meters' data to TSTRANSCO/TSDISCOMS.
- 7.9 SCCL shall provide Data Acquisition System ("DAS") facility compatible with TSLDC's Supervisory Control and Data Acquisition ("SCADA") system in consultation with TSLDC for transfer of real time data to SLDC as per IEGC 2010.
- 7.10 Monthly meter readings of main, check and standby meters shall be jointly taken (and a joint acknowledgement thereof signed) by the authorised representatives of SCCL, TSTRANSCO, and TSDISCOMS at an agreed time on each Metering Date and also the load survey data shall be downloaded through MRI. Whenever difference between the readings of main meter and check meter for any month is more than the limit specified in CEA metering regulations 2006, as amended from time to time, corrective measures shall be taken as mentioned therein. Whenever difference between the readings of main meter and standby meters for any month is more than 1.2%, procedure prescribed as in case of main & check meters shall be followed.
- 7.11 Readings of the main meter shall form the basis of billing. In case of failure of main meter or if the error of main meter is beyond the permissible limits, billing for the month shall be done on the basis of the readings of check meter and the main meter shall be replaced immediately. In case of failure of both main meter and check meter billing for the month shall be done based on the readings of standby meters and the main and check meters shall be replaced immediately.

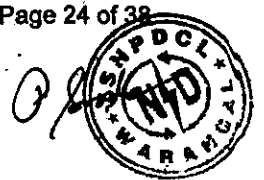
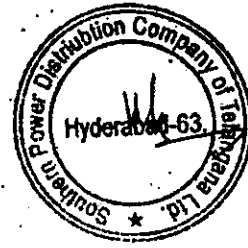
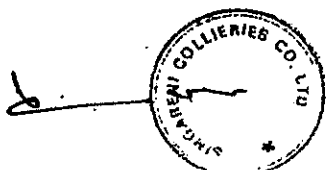


**Article 8: CHANGE IN LAW**

8.1 Change in law: In the event of any new law, regulation or tax or in the event of any change, amendment, modification or repeal of any law, regulation or tax (including without limitation, any withholding taxes, cess, duties, environmental taxes, sales taxes, property taxes, import fees or assessments) of any Government Authority after the date of effectiveness of this agreement, detrimentally or beneficially affects SCCL, then SCCL shall send a notice in writing to TSSPDCL and TSNPDCL regarding such an event and both parties shall meet and endeavour to agree to an amendment to this agreement to pass on the impact of such an event to TSSPDCL and TSNPDCL, which shall be settled through supplementary invoice. If within 90(ninety) days after such notification, the parties are unable to reach agreement on such amendment, or in the event that an agreement to amend has been reached but no amendment has been executed within 30 (thirty) days after reaching of such agreement to amend, either party shall have the right to commence the dispute resolution procedures set forth in Article 12 to determine the appropriate amendment to this agreement.

**Article 9: IMPLEMENTATION OF THE AGREEMENT**

9.1 All discretions to be exercised and directions, approvals, consents and notices to be given and actions to be taken under these provisions unless otherwise expressly provided herein, shall be exercised and given by the signatories to this Agreement or by the authorized representative(s) that each Party may nominate in this behalf and notify in writing to the other Party by Registered Post with Acknowledgement due. Any other nomination of authorized representative (s) shall be informed likewise in writing to / by TSSPDCL and TSNPDCL within one month of signing of the Agreement. Notwithstanding any nomination, the Chairman & Managing Director / SCCL or his authorized representatives at its Registered Office shall be authorized to act for and on behalf of SCCL.





**Article 10: DURATION OF THE AGREEMENT**

10.1 The Agreement shall come into effect for all purposes and intent from the date of signing of the Agreement.

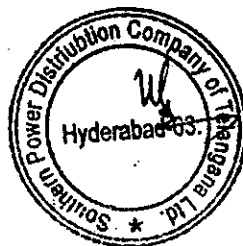
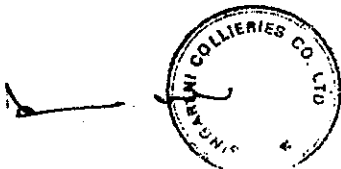
Subject to the establishment and continuance of payment security as envisaged under Annexure V to the satisfaction of SCCL, Agreement shall remain operative up to completion of twenty five (25) years from the date of commercial operation of last unit of the Project, unless it is specifically extended on mutually agreed terms.

This Agreement may be extended, renewed, amended or replaced by another Agreement, on or before the expiry of this agreement, on such terms and for such further period of time as the Parties may mutually agree subject to prior consent of Telangana State Electricity Regulatory Commission (TSERC).

**Article 11: FORCE MAJEURE**

11.1 No party shall be liable for any claim for any loss or damage whatsoever arising out of failure to carry out the terms of the Agreement to the extent that such a failure is due to force majeure events such as war, rebellion, mutiny, civil commotion, riot, strike, lock-out, forces of nature, accident, act of God and any other reason beyond the control of concerned party. But any party claiming the benefit of this clause shall reasonably satisfy the other party of the existence of such an event and give written notice within a reasonable time to the other party to this effect. Generation/drawal of power shall be started as soon as practicable by the parties concerned after such eventuality has come to an end or ceased to exist.

The Generator is entitled to claim only fixed charges and cannot claim any consequent losses during Force Majeure Period



**Article 12: ARBITRATION**

12.1 All differences or disputes between the parties arising out of or in connection with this Agreement shall be endeavoured to be settled amicably through negotiation between the Chief Executives of the respective parties within 90 days, failing which shall be settled through arbitration as provided herein.

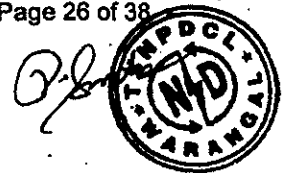
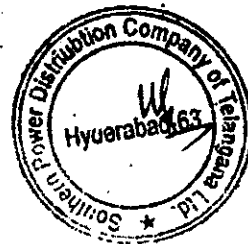
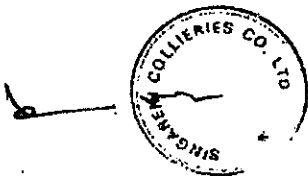
In the event of any such differences or disputes between the parties, any party may by a written notice of 30 days to the other party request Telangana State Electricity Regulatory commission (TSERC) to settle such disputes. The same shall be dealt as per the provisions of Electricity Act 2003. The place of Arbitration shall be at Hyderabad.

**Article 13: GENERAL**

13.1 Agreement final and complete: This Agreement contains the full and complete understanding between the parties and supersedes all prior arrangements and understandings whether written or oral appertaining to the subject matter of this Agreement and may not be varied except by an instrument in writing signed by all of the parties to this Agreement. No representations or promises not expressly contained in this Agreement have any effect of modifying this Agreement.

13.2 Waiver: If any provision of this Agreement shall be adjudged by a court to be unlawful void or unenforceable such provision shall to the extent required be severed from this Agreement and rendered ineffective as far as possible without modifying the remaining provisions of this Agreement and shall not in any way affect any other circumstances or the validity or enforcement of this Agreement.

No failure or delay on the part of the parties to this Agreement relating to the exercise of any right power privilege or remedy provided under this Agreement shall operate as a waiver of such right power privilege or remedy or as a waiver of any preceding or succeeding breach by the other party to this Agreement nor shall any single or partial exercise of any right power privilege or remedy preclude any other or further exercise of such or any other right power privilege or remedy provided in this Agreement all of which are several and cumulative and are not



exclusive of each other or of any other rights or remedies otherwise available to a party at law or in equity.

**13.3 Circumstances not covered in this Agreement:** The parties acknowledge and accept that it has not been possible to envisage all the circumstances that may arise in the course of the dealings between the parties and therefore it has not been possible to provide for all such eventualities. In the course of the implementation of the Agreement the parties may be faced with matters which have not been expressly dealt with in this Agreement.

The parties shall discuss and find an appropriate solution to such matters amicably and parties shall act on best endeavour basis keeping in view the interest of both the parties. If the parties are unable to arrive at a settlement, the matter shall be referred to arbitration in accordance with Article 12 and the decision of the arbitrator(s) shall be final and binding on the parties.

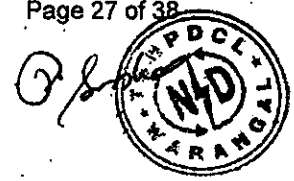
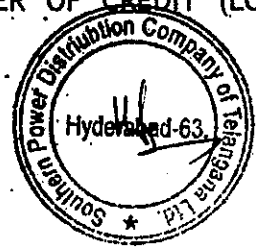
**ARTICLE 14: NOTICE**

**14.1** All notices required or referred to under this Agreement shall be in writing and signed by the respective authorized signatories of the Parties mentioned herein above, unless otherwise notified. Each such notice shall be deemed to have been duly given to the other Party if delivered or served by Registered Post/Speed Post or by any other mode with an acknowledgement in terms of Article 9.

**ARTICLE 15: ASSIGNMENT**

**15.1** In case the functions of TSSPDCL and TSNPDCL are reorganized and /or this Agreement is assigned to other organization (s) / agency (ies), party or wholly, the Agreement shall be binding mutatis mutandis upon the successor Distribution / Trading Organisation (s) / agency (ies) / entities and shall continue to remain valid with respect to the obligations of the successor organization (s) / agency (ies) is / are owned or controlled by the Government of Telangana.

**15.2** In the event the functions of TSSPDCL and TSNPDCL are reorganized and / or privatized or this Agreement is assigned to Private Organisation (s) / agency (ies), partly or wholly, TSSPDCL and TSNPDCL shall ensure that the agreements namely 'Escrow Agreement' and 'Agreement to Hypothecate Cum Deed of Hypothecation' as mentioned at Annexure V under ESTABLISHMENT OF LETTER OF CREDIT (LC) AND PAYMENTT



SECURITY MECHANISM are signed by the assignee before assignment of this Agreement.

15.3 Only such of the successor entities who fulfill the above requirements and execute the requisite documents as above shall be termed as the permitted assigns

15.4 In other cases, SCCL shall have the right to terminate this Agreement. In the event of termination of this Agreement, TSSPDCL and TSNPDCL shall be liable and continue to pay the Capacity Charges each month till firm arrangement for sale of TSSPDCL's and /or TSNPDCL'S share with alternate customers substituting the TSSPDCL and TSNPDCL is tied up.

15.5 For the purpose of obtaining financing for the Project, SCCL may assign or create security over its rights and interests under or pursuant to this Agreement to any one or all the lenders of this Project.

IN WITNESS WHEREOF THE PARTIES HAVE SIGNED THIS AGREEMENT ON THE DAY, MONTH AND YEAR FIRST WRITTEN ABOVE.

For and on behalf of  
THE SINGARENI COLLIERIES COMPANY  
LIMITED

*[Signature]*  
**DIRECTOR (E&M)**  
The Singareni Collieries Co., Ltd.,  
(A Government Company)  
KOTHAGUDEM - 507 101 (A.P.)

For and on behalf of  
TSDISCOMS

*[Signature]*  
**(K. S. ABABA)**  
Chief General Manager (Commercial)  
TSSPDCL, Corporate Office,  
6-1-50, Mint Compound, Hyderabad-63.  
1. TSSPDCL

*[Signature]*  
18/11/2016  
2. TSNPDCL  
**P. SANDHYA RANI,**  
Chief General Manager  
IPC & RAC TSNPDCL,  
Warangal.

In the presence of

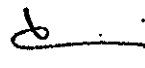

1. *[Signature]*  
*[Signature]*



In the presence of  
1. *[Signature]*  
**SMD (Fin. Comm. & Vig.)**  
TSTRANSO, Vishu Soudha,  
HYDERABAD - 500 002.





ANNEXURE-1

| SINGARENI THERMAL POWER PROJECT (2X600MW) |   |            |
|---|---|------------|
| DETAILS OF PROJECT COST                   |   |            |
| Sl.No                                     | Description   | Rs. Crores |
| 1   | Total BTG Package                                       | 3681.22    |
| 2   | Total Cost of BoP                                       | 916.01     |
| 3   | Total Cost of SCCL Scope Works                          | 1002.48    |
| 4   | Erection, Testing and Commissioning including insurance |            |
| 4.1                                       | BTG   | 439.74     |
| 4.2                                       | BoP   | 154.00     |
| 5   | Taxes, Duties, Freight & Insurance                      | 860.05     |
| 6   | Contingencies   | 38.00      |
| 7   | Establishment Costs                                     | 55.00      |
| 8   | Consultancy & Engineering                               | 127.00     |
| 9   | Start up Fuel   | 40.00      |
| 10  | Operator training                                       | 1.50       |
| 11  | Financing Expenses                                      | 10.00      |
| 12  | Interest During Construction                            | 925.00     |
|   | Total Cost  | 8250.00    |

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ANNEXURE-II

COMMISSIONING & TESTING

1. Commissioning and Testing

1.1 Guidelines

The commissioning of the Project will require satisfactory performance of a number of tests prescribed to demonstrate conformance with regulatory requirements.

An Installed Capacity Test shall be carried out during the Reliability Run as defined in the "Tests on Completion" in the EPC Contract entered into, or to be entered into, by SCCL for the purposes of the Project.

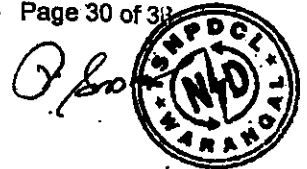
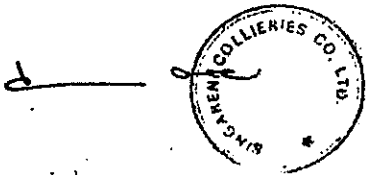
SCCL shall give TSSPDCL and TSNPDCL at least fifteen (15) days prior written notice of the date on which the Installed Capacity Test will commence.

SCCL, TSSPDCL and TSNPDCL shall designate representatives to witness and observe the test. The Generating Unit shall be operated within the manufacturer's specified limits and in accordance with Prudent Utility Practices for the duration of the test.

1.2 Test Conditions - General Considerations

The Installed Capacity Test shall be designed and carried out in accordance with standard ASME PTC 6 - Turbo-Generators.

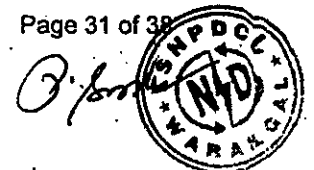
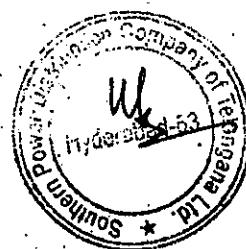
- (i) The Installed Capacity Test will be run under any and all ambient conditions (temperature, humidity etc) that may exist during the time of the Installed Capacity Test, and no corrections in final generator gross output will be allowed as a result of prevailing ambient conditions.
- (ii) The fuel will be within the range of the fuel specification in the Coal Supply Agreement (CSA). In addition, the ability of the Power Station to meet rated capacity with fuel of the lowest quality permitted under the CSA will be demonstrated.
- (iii) Correction curves will be used if Grid operation during the Installed Capacity Test exceeds the Grid Technical Limits.



- (iv) The Installed Capacity Test shall be deemed to have demonstrated the gross generation capacity of the Generating Unit under all design conditions and therefore no adjustments shall be made on account of fuel quality or ambient conditions.
- (v) Electrical system Characteristics Test shall demonstrate the Project's ability to operate within the limits of the electrical system characteristics. Electrical system characteristics compliance shall be deemed to be achieved in case of:
  - (a) Voltage provided the Project operates within the nominal voltage levels of the Grid for the duration of the Installed Capacity Test. If during the test, voltage tests cannot be performed due to Grid constraints, data supplied from tests of the generator step-up transformers and generator supplied by the manufacturers shall be used to establish the ability of the Project to operate within the specified voltage limits.
  - (b) Grid frequency provided the Project operates within the nominal frequency levels for the duration of the Installed Capacity Test.
  - (c) Power factor, provided the Project operates within the power factor range for the duration of the Installed Capacity Test. If, during the Installed Capacity Test, power factor tests cannot be performed due to Grid constraints, data supplied from tests of the generators and the generator step-up transformers supplied by the manufacturers shall be used to establish the ability of the Project to operate within the specified voltage limits.

Electrical output shall be measured at the generator terminals using test class instruments with an overall measurement uncertainty of  $\pm 0.5\%$  (utilizing meters of class 0.2S accuracy) as per ASME PTC 19.1. The metering system shall be capable of measuring instantaneous output (MW), hourly average power (MW) and the integrated energy over the relevant test period (MWh).

The generating Unit shall not be treated as passing its Installed Capacity Test unless it has demonstrated an Installed Capacity of at least equal to 540 MW.



**1.3 Installed Capacity Test**

For each generating Unit, Installed Capacity Test shall be carried out at maximum continuous rating over a continuous period of seventy-two (72) hours for determination of installed capacity of the unit. Provided that if any Generating Unit's Installed Capacity is determined to be higher than 600 MW, including if any permitted retest shall result in such Generating Unit's Installed Capacity being higher than 600 MW, then the Installed Capacity of such Generating Unit shall be limited to 600 MW and shall apply for the purpose of calculation of PLF.

A Generating Unit shall not be rejected by TSSPDCLs on the grounds of the installed Capacity test being demonstrated, at less than 540 MW in spite of the best efforts made by SCCL.

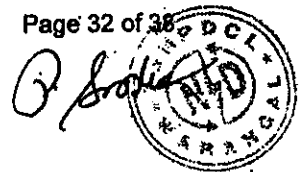
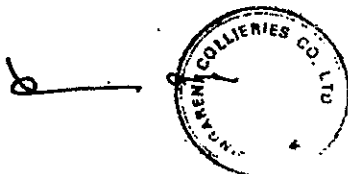
**1.4 Test Results**

**1.4.1** Within five (5) Days after the conclusion of the Installed Capacity Test SCCL shall submit a written report to TSSPDCL and TSNPDCL which shall contain:

- (i) details of the results of the tests including sufficient data to demonstrate that all requirements of the Installed Capacity Test and the Electrical System Test have been met;
- (ii) if a Generating Unit has passed the Installed Capacity Test for the purposes of COD, the date and time for commencement of Commercial Operation for each of such Generating Units for the purposes of this Agreement.

**1.4.2** If TSSPDCL and / or TSNPDCL dispute any or all of the results contained in the report provided by SCCL pursuant to paragraph 1.4.1 above then TSSPDCL and / or TSNPDCL shall initiate the Informal Dispute and Arbitration detailed in Article 12 of this Agreement.

**1.4.3** Energy generated during testing and commissioning: At all times after the Scheduled Date of Synchronisation of each Generating Unit, TSSPDCL and TSNPDCL shall accept all electrical output produced by such Generating Unit during start-up, commissioning and testing performed pursuant to Article 3 of this Agreement.





ANNEXURE - III

COMPUTATION OF VARIABLE CHARGES

Variable Charge =  $V_c * E$

$$V_c = \frac{100 \{ P_p \times (Q_p)n + P_s \times (Q_s)n \}}{(100 - (AUXn))}$$

Where,

- Pp = Landed cost of primary fuel namely coal or lignite or gas or liquid fuel in Rs/Kg or Rs/cubic-metre (m<sup>3</sup>) or Rs./litre, as the case may be
- (Qp)n = Quantity of primary fuel required for generation of one kWh of electricity at generator terminals in Kg or litre or m<sup>3</sup>, as the case may be, and shall be computed on the basis of normative Gross Station Heat Rate (less heat contributed by secondary fuel oil for coal/lignite based generating stations) and gross calorific value of coal/lignite or gas or liquid fuel as fired.
- Ps = Landed cost of Secondary fuel oil in Rs./ml
- (Qs)n = Normative Quantity of Secondary fuel oil in ml/kWh as per TSERC norms, and
- AUXn = Normative Auxiliary Energy Consumption as percentage of gross generation

The monthly Variable Charge to be shown in the Monthly Thermal energy Bill will be the aggregate of the Variable Charge calculated for each of the Thermal Power Stations, i.e.,

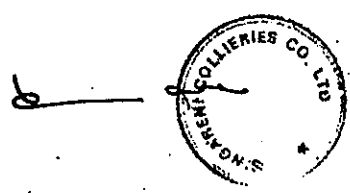
Monthly Variable Charge in Thermal Tariff Bill

=  $V_c * E$

Where

$V_c$  = Variable Charge per unit calculated pursuant to this article.

E = Net Electrical Energy in kWh delivered at the Interconnecting point.



**ANNEXURE-IV**

**COMPUTATION OF DELIVERED COST OF COAL - THERMAL PLANTS**

1. **Weight of Coal:** In terms of the then APERC's Order dt. 24.03.03 (Para 122), the cost of coal lost in transit, windage & shrinkage etc., needs to be factored into the Variable charge since SCCL has little control over such loss. Thus the weight of coal received for each Thermal Power Station for the purpose of calculating Weighted Average Delivered Cost of Coal will be the actual weight of coal received at the Thermal Power Station, i.e., it will be the weight of coal supplied by the supplier reduced by the quantity lost in transit, windage & shrinkage, etc. This loss shall however be limited to 0.2% or actual whichever is less.
  
2. **Cost of Coal:** Total Cost of Coal\* delivered at each Thermal Power Station shall constitute the price paid to the coal supplier, all incidental duties and taxes paid to the State or Central Government and cost of optimal transportation.  
 \* Cost of coal means at which Coal is transported and priced for respective grades as per SCCL's Coal Marketing Department.
  
3. **Weighted Average Delivered Cost of Coal:**  
 The cost of coal for the computation of Variable Charges will be the weighted average delivered cost of coal. For the purpose of the weighted average, cost of coal received will be the total cost of coal calculated as per clause 2 above divided by the quantity of coal delivered at the Thermal PowerStation (in Rs. Per metric tonne), as per Clause 1 above.

**Example:**

Opening Stock at KTPS = 100 metric tonne

Opening Weighted average cost of coal=Rs.920 per metric tonne

Let quantity of Coal supplied by Mahanadi Coal Fields Ltd to KTPS = 100 metric tonnes

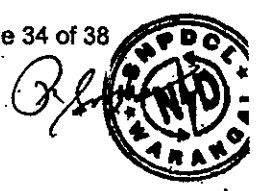
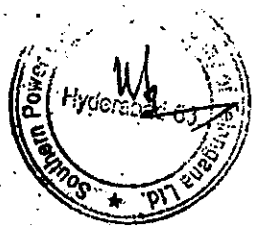
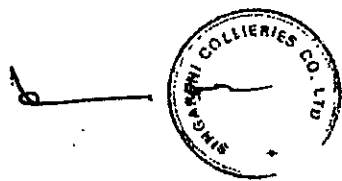
**Cost of Coal:**

Basic Cost = Rs. 70,000

Royalty = Rs. 500

CST = Rs.280

Freight = Rs. 23,000



Total Cost = Rs. 93780

Coal Lost in Transit, Windage & Shrinkage = 0.8 metric tonne

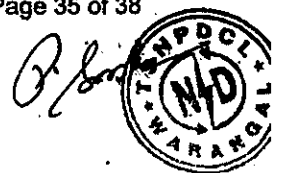
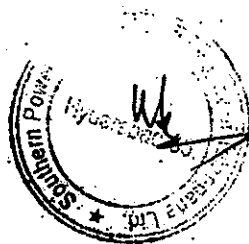
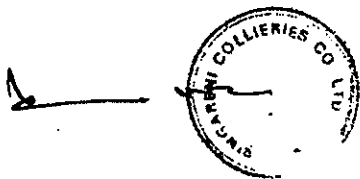
Coal delivered at KTPS = 99.2 metric tonne

Closing Weighted Average cost of coal

= $[\text{Cost of Coal received} + (\text{Op Stock} * \text{Op Weighted Average Cost/Tonne})] / [\text{Op Stock} + \text{Coal delivered \#}]$

= $\text{Rs. } 93,780 + (\text{Rs. } 920 * 100) / [100 + 99.2] = \text{Rs. } 933 \text{ per metric tonne.}$

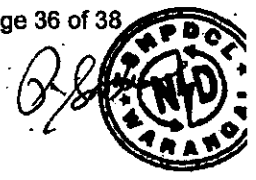
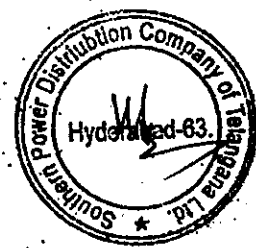
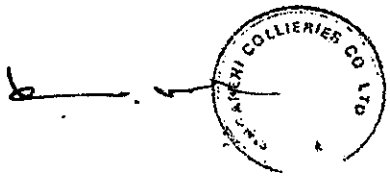
The cost to be taken for the purpose of Variable Cost is Rs. 933 per Tonne  
#considering transit loss, windage & shrinkage etc.



**ANNEXURE-V**

**ESTABLISHMENT OF LETTER OF CREDIT (LC) AND PAYMENT SECURITY MECHANISM**

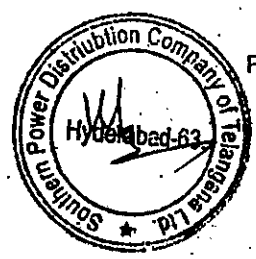
- 1.0 TSSPDCL and TSNPDCL shall establish an irrevocable revolving letters of Credit (LC) in favour of SCCL with any public sector / scheduled commercial bank (as per list supported by SCCL) at least one month prior to the commencement of electricity supply from the first unit of the Project
- 2.0 The LC shall cover 105% of the month's estimated billing in respect of electricity supplied from the Project to TSSPDCL and TSNPDCL.
- 3.0 The amount of LC shall be reviewed on half yearly basis on 1<sup>st</sup> April and 1<sup>st</sup> October in each financial year on the basis of the average of billing of previous 12 months
- 4.0 The LCs shall be established for a minimum period of one year. TSSPDCL and TSNPDCL shall ensure that a valid LC is made available at all times during the entire/extended validity of this agreement. New LCs shall be furnished / existing LCs reinstated not later than 30 days prior to the expiry of existing LCs
- 5.0 LC shall specify the manner and dates when bill (s) can be presented to Bank by SCCL. The bills so presented by SCCL to the bank shall be promptly paid on their presentation. The LC charges shall be borne by TSSPDCL and TSNPDCL respectively for their LCs
- 6.0 All costs relating to opening and maintenance and negotiation of LC shall be borne by TSSPDCL and TSNPDCL, respectively
- 7.0 In case of drawal of the LC amount by SCCL in accordance with the terms of this Article, the amount of LC shall be reinstated automatically not later than 7 days from such drawal. TSSPDCL and TSNPDCL shall arrange to furnish to SCCL a certificate to this effect from Bank (s) providing LC. In the event LC is not reinstated within 7 days, regulation of power supply to the extent of 2.5% of the Contracted Capacity will start with immediate effect from 00 hrs on 8<sup>th</sup> day. SCCL will have right to divert 2.5% of the contracted capacity to Third Party (ies) and or reduce the schedule of TSSPDCL and / or TSNPDCL by the same quantum whoever fails.



Provided that TSSPDCL and / or TSNPDCL shall continue to be liable to pay the Capacity Charges in proportion to its contracted capacity during the period of regulation / diversion of capacity or till the capacity is re-allocated to other Bulk Power Customer (s) / Third Party (ies).

8.0 In addition to above, TSSPDCL and TSNPDCL hereby agrees separately to provide an alternative payment security arrangement in the form of Escrow Arrangement as a back up to the Letters of Credit. Under this arrangement an Escrow Account in favour of SCCL shall be established through which the receivables of TSSPDCL and TSNPDCL shall be routed as per the terms of Escrow Agreement. TSSPDCL and TSNPDCL hereby agrees that SCCL will have first charge on Receivable of TSSPDCL and TSNPDCL. However, such first charge shall be on the amounts, in excess of amounts, which have already been charged or agreed to be charged prior to the date of execution of this Agreement and as listed in the schedule enclosed with this Agreement. TSSPDCL and TSNPDCL agreed to enter into a separate 'Agreement to Hypothecate Cum Deed of Hypothecation' whereby, TSSPDCL and TSNPDCL shall hypothecate Receivables to the extent required for Payment of dues of SCCL by TSSPDCL and TSNPDCL including under this Agreement by creation of first charge in favour of SCCL. These Receivable shall be routed through Escrow Account for payment to SCCL in case of default in payments by TSSPDCL and / or TSNPDCL. "Receivables" for this purpose shall mean all of the present and future payments, receipts, obligations, monies, claims, bills and any other property whatsoever which may from time to time be derived from or accrue or be offered or due to the TSSPDCL and TSNPDCL in respect of the sale by the TSSPDCL and / or TSNPDCL to the consumers of electric capacity, energy and /or services or for any other reason whatsoever and all proceeds thereof.

9.0 The Escrow Agreement and Agreement to Hypothecate Cum Deed of Hypothecation shall be established by TSSPDCL and TSNPDCL to the satisfaction of SCCL within 60 days of entering into this Agreement. In the event, TSSPDCL and TSNPDCL does not sign the 'Escrow Agreement' and 'Agreement to Hypothecate Cum Deed of Hypothecation' within the said period or TSSPDCL and TSNPDCL creating any superior charge in favour of any other party on its Receivable, SCCL shall have the right to reallocate contracted capacity of TSSPDCL and/or TSNPDCL to Third Party (ies). In case of termination of this Agreement or reallocation of capacity due to reasons stated above, TSSPDCL and TSNPDCL shall be liable to pay capacity charges for such capacity till the capacity is reallocated.



TSSPDCL, TSNPDCL and SCCL agree that this Agreement shall deemed to have created a legally binding first charge on TSSPDCL'S and TSNPDCL'S Receivables in favour of SCCL. Accordingly, TSSPDCL and TSNPDCL shall not create any encumbrance, charge and lien or otherwise execute any instrument which in any way affects the first charge over the Receivables. While creating any subsequent charge on its Receivables or agreeing to provide Escrow cover or any other form or payment security to any other entities like electricity supplier(s), banks, financial institutions etc. during the interim period till signing of Escrow Agreement with SCCL, TSSPDCL and TSNPDCL shall duly inform such electricity supplier (s), banks, financial institutions etc of the legally binding first charge on TSSPDCL'S and TSNPDCL'S Receivables in favour of SCCL and the first charge of SCCL shall be in preference to any other charge that TSSPDCL and TSNPDCL may create in favour of any other party.

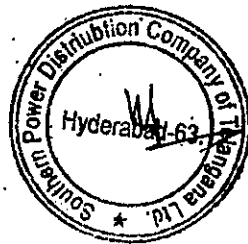
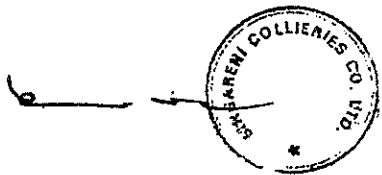
TSSPDCL and TSNPDCL agree to ensure that the successor entities of TSSPDCL and TSNPDCL are duly notified of the above arrangement with SCCL and shall be bound by the terms of this Agreement as if they are parties of this Agreement.

10.0 Notwithstanding the obligations of TSSPDCL and TSNPDCL to pay all the dues as per this Agreement, in the event of non-payment of bills within a period of 60 days from date of billing or default in opening of LC of requisite amount in favour of SCCL by TSSPDCL and TSNPDCL separately, SCCL shall be entitled to regulate / divert the contracted capacity of TSSPDCL and / or TSNPDCL to any other Bulk Power Customer (s) / Third Party (ies) as per the provisions of generic procedure for regulation of power supply issued by TSERC.

In case of default in payment of bills.beyond a period of 90 days of billing by TSSPDCL or TSNPDCL, SCCL shall have the right to re-allocate TSSPDCL'S or TSNPDCL'S power to other Bulk Power Customers (s).

It is clarified that the above arrangement shall not be construed as relieving TSSPDCL and TSNPDCL of any of its obligations to SCCL including obligation of payment of Capacity Charges

For the removal of any doubt it is clarified that in case of default, TSSPDCL and TSNPDCL shall continue to be liable to pay the Capacity Charges in proportion to their contracted Capacity during the period of regulation / diversion of capacity or till the capacity is re-allocated to other Bulk Power Customer (s) / Third-Party (ies)





**Annexure -B : TSERC tariff order dated 28.08.2020**







**Telangana State Electricity Regulatory Commission**  
5<sup>th</sup> Floor, Singareni Bhavan, Red Hills, Lakdi-ka-Pul, Hyderabad 500004

**ORDER**

**ON**

**TRUE-UP FOR FY 2016-17 TO FY 2018-19**

**AND**

**BUSINESS PLAN,  
CAPITAL INVESTMENT PLAN &  
MULTI YEAR TARIFF  
FOR FY 2019-20 TO FY 2023-24**

**FOR**

**SINGARENI THERMAL POWER PROJECT (2x600 MW)**

**OF**

**THE SINGARENI COLLIERIES COMPANY LIMITED**

**28.08.2020**

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**LIST OF ABBREVIATIONS**

|         |  |
|---------|--|
| A&G     | Administrative and General                         |
| AAD     | Advance Against Depreciation                       |
| AFC     | Annual Fixed Charges                               |
| APTEL   | Appellate Tribunal for Electricity                 |
| ARR     | Aggregate Revenue Requirement                      |
| BFP     | Boiler Feed Pump                                   |
| BHEL    | Bharat Heavy Electricals Ltd.                      |
| BMCR    | Boiler maximum continuous rating                   |
| BoP     | Balance of Plant                                   |
| BTG     | Boiler, Turbine and Generator                      |
| CCDAC   | Coal Conservation & Development Advisory Committee |
| CEA     | Central Electricity Authority                      |
| CERC    | Central Electricity Regulatory Commission          |
| CFB     | Circulating Fluidised Bed                          |
| CFL     | Compact Fluorescent Lamps                          |
| CIL     | Coal India Limited                                 |
| CIP     | Capital Investment Plan                            |
| CISF    | Central Industrial Security Force                  |
| CPCB    | Central Pollution Control Board                    |
| COD     | Commercial Operation Date                          |
| CPI     | Consumer Price Index                               |
| CSR     | Corporate Social Responsibility                    |
| DC      | Designated Consumer                                |
| DMFT    | District Mineral Foundation Trust                  |
| DPR     | Detailed Project Report                            |
| EA 2003 | Electricity Act, 2003                              |
| EPC     | Engineering, Procurement and Construction          |
| EPCA    | Environment Pollution Control Authority            |
| ERP     | Enterprise Resource Planning                       |
| ESP     | Electrostatic Precipitator                         |
| FGD     | Flue Gas Desulphurisation                          |
| FSA     | Fuel Supply Agreement                              |
| FY      | Financial Year                                     |
| GCV     | Gross Calorific Value                              |
| GFA     | Gross Fixed Assets                                 |
| GoTS    | Government of Telangana State                      |
| GSHR    | Gross Station Heat Rate                            |
| GST     | Goods and Services Tax                             |
| HPSV    | High-Pressure Sodium Vapour Lamps                  |
| ICB     | International Competitive Bidding                  |
| IDC     | Interest During Construction                       |
| IDCT    | Induced Draft Cooling Tower                        |
| Ind AS  | Indian Accounting Standard                         |
| IoWC    | Interest on Working Capital                        |
| IT      | Information Technology                             |
| kcal    | kilo calories                                      |
| kg      | Kilogram   |
| KTPP    | Kakatiya Thermal Power Plant                       |
| kWh     | Kilo Watt hour                                     |
| MAT     | Minimum Alternative Tax                            |
| MCLR    | Marginal Cost of Funds based Lending Rate          |
| MGR     | Merry-Go-Round                                     |
| MMT     | Million Metric Tonne                               |
| MoC     | Ministry of Coal                                   |
| MoEF&CC | Ministry of Environment, Forest & Climate Change   |

## TSERC

|           |   |
|-----------|---|
| MoP       | Ministry of Power                                     |
| MoU       | Memorandum of Understanding                           |
| MU        | Million Units   |
| MW        | Mega Watt   |
| MYT       | Multi Year Tariff                                     |
| NAPAF     | Normative Annual Plant Availability Factor            |
| NAPLF     | Normative Annual Plant Load Factor                    |
| NH        | National Highway                                      |
| NHAI      | National Highways Authority of India                  |
| NIT       | Notice Inviting Tender                                |
| NOx       | Nitrogen oxides                                       |
| NTPC      | National Thermal Power Corporation Limited            |
| O&M       | Operations and Maintenance                            |
| O.P.      | Original Petition                                     |
| OEM       | Original Equipment Manufacturer                       |
| OFC       | Optical Fibre Communication                           |
| PAF       | Plant Availability Factor                             |
| PAT       | Perform, Achieve and Trade                            |
| PFC       | Power Finance Corporation                             |
| PLF       | Plant Load Factor                                     |
| PPA       | Power Purchase Agreement                              |
| PSC       | Pre-Stressed Concrete                                 |
| PVC       | Price Variation Clause                                |
| R&M       | Repairs & Maintenance                                 |
| RCC       | Reinforced Cement Concrete                            |
| RCE       | Revised Capital Expenditure                           |
| RDO       | Revenue Division Officer                              |
| REC       | Rural Electrification Corporation                     |
| RITES     | Rail India Technical and Economic Service             |
| RoE       | Return on Equity                                      |
| Rs.       | Rupees  |
| RUB       | Railway Under Bridge                                  |
| S&T       | Signalling and Telecommunication                      |
| SBI       | State Bank of India                                   |
| SCCL      | Singareni Collieries Company Ltd.                     |
| SLC       | Standing Linkage Committee                            |
| SLDC      | State Load Despatch Centre                            |
| SMET      | State Mineral Exploration Trust                       |
| SPCB      | State Pollution Control Board                         |
| SOx       | Sulphur Oxides  |
| SPCB      | State Pollution Control Board                         |
| TNSEB     | Tamil Nadu State Electricity Board                    |
| TSERC     | Telangana State Electricity Regulatory Commission     |
| TSGENCO   | Telangana State Power Generation Corporation Ltd.     |
| TSMDC     | Telangana State Mineral Development Corporation       |
| TSNPDCL   | Northern Power Distribution Company of Telangana Ltd. |
| TSPCC     | Telangana State Power Coordination Committee          |
| TSSPDCL   | Southern Power Distribution Company of Telangana Ltd. |
| TSTRANSCO | Transmission Corporation of Telangana Ltd.            |
| UDL       | Undischarged Liability                                |
| WPI       | Wholesale Price Index                                 |

**TELANGANA STATE ELECTRICITY REGULATORY COMMISSION  
HYDERABAD**

**O.P.Nos.4 and 5 of 2019, 8 and 9 of 2020 &  
I.A.No.2 of 2020 in O.P.No.5 of 2019**

**Present**

**Sri T.Sriranga Rao, Chairman  
Sri M.D.Manohar Raju, Member (Technical)  
Sri Bandaru Krishnaiah, Member (Finance)**

**Dated: 28.08.2020**

**Between:**

**The Singareni Collieries Company Limited**

**... Petitioner**

**And**

- 1. Southern Power Distribution Company of Telangana Limited**
- 2. Northern Power Distribution Company of Telangana Limited**

**... Respondents**

The Singareni Collieries Company Limited (SCCL) filed the Petitions u/s 62 and 86 (1) (a) of the Electricity Act, 2003 and under the provisions of the "Terms and Conditions for Determination of Tariff for Supply of Electricity by a Generating Company to a Distribution Licensee and Purchase of Electricity by Distribution Licensees" Regulation No.1 of 2008, adopted by Telangana State Electricity Regulatory Commission (hereinafter referred to as "TSERC" or "Commission") vide its Regulation No.1 of 2014 and the "Terms and Conditions of Generation Tariff" Regulation No.1 of 2019 for approval of true-up for FY 2016-17 to FY 2018-19, and Business Plan, Capital Investment Plan and Aggregate Revenue Requirement and Multi Year Tariff (MYT) each Financial Year within the Control Period comprising five years from 01.04.2019 to 31.03.2024 (FY 2019-20 to FY 2023-24) for its 2x600 MW Thermal Power Project (TPP).

The Commission, in exercise of its powers under the Electricity Act, 2003, Regulation No.1 of 2008, adopted by TSERC vide its Regulation No.1 of 2014, Regulation No.1 of 2019, and after considering Petitioner's submissions, suggestions and objections of the other stakeholders, responses of Petitioner, issues that are raised during the Public Hearing and all other relevant material, passed the following common Order.



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**COMMON ORDER  
CHAPTER 1  
INTRODUCTION**

**1.1 BACKGROUND**

- 1.1.1 Telangana State Electricity Regulatory Commission (herein referred to as TSERC or the Commission) was constituted by the Government of Telangana State (GoTS) in terms of the provisions of Schedule XII (C) (3) of the A. P. Reorganisation Act of 2014, read with Section 82 of the Electricity Act, 2003 (Act) vide G.O.Ms.No.3, Energy (Budget) Department, dated 26.07.2014.
- 1.1.2 This Commission having been established u/s 82(1) of the Act had notified TSERC (Adoption) Regulation No.1 of 2014 on 10.12.2014, accordingly all the Regulations framed by the erstwhile APERC shall continue to apply for the State of Telangana including the (Terms and conditions for determination of tariff for supply of electricity by a generating company to a distribution licensee and purchase of electricity by distribution licensees) Regulation, 2008 (Regulation No.1 of 2008) and its subsequent amendments thereto. Subsequently, the Commission had notified TSERC (Terms and Conditions for Determination of Generation Tariff) Regulations, 2019 which came into force from the date of its publication in Telangana Gazette i.e., on 01.02.2019.
- 1.1.3 SCCL is a coal mining company incorporated under the Companies Act, 1956 and owned by GoTS, with 51.096% shareholding. The other shareholders of the company are Government of India (GoI) and private shareholders in the ratio of 48.902% and 0.002% respectively. SCCL has established a 2x600 MW coal based TPP (hereinafter referred to as "the project") at Jaipur in Mancherial District. SCCL entered into a Power Purchase Agreement (PPA) dated 18.01.2016 with the Southern Power Distribution Company of Telangana Ltd. (TSSPDCL) and Northern Power Distribution Company of Telangana Ltd. (TSNPDCL) (hereinafter referred to as "DISCOMs") for sale of power from the project for a period of 25 years from the Commercial Operation Date (COD) of last Unit (Unit 2) at the tariff determined by the Commission under Section 62 of the Electricity Act, 2003. Units 1&2 achieved COD on 25.09.2016 and 02.12.2016 respectively.
- 1.1.4 The Commission, in its Order dated 19.06.2017 in O.P.No.9 of 2016

- (hereinafter referred to as "Tariff Order") approved the capital cost and generation tariff for the project for FY 2016-17 to FY 2018-19 in accordance with the Regulation No.1 of 2008 adopting the Central Electricity Regulatory Commission (CERC) (Terms and Conditions of Tariff) Regulations, 2014.
- 1.1.5 Aggrieved by the Commission's Order dated 19.06.2017, SCCL filed an Appeal before the Hon'ble Appellate Tribunal for Electricity (APTEL) (Appeal No.312 of 2017) on certain issues and the Appeal is sub-judice.
- 1.1.6 SCCL filed a Petition on 10.07.2018 for approval of true-up for FY 2016-17 and FY 2017-18 and revised additional capitalisation and tariff for FY 2018-19. The said Petition was returned vide letter dated 31.07.2018. Pursuant to the Judgment of Hon'ble APTEL dated 28.09.2018 in DFR No.3035 of 2018 & I.A.No.1127 of 2018, the Petition was again filed on 05.10.2018. Subsequently, the Petitioner filed the additional submissions on 04.12.2019 requesting the Commission to consider the same for true-up for FY 2016-17 to FY 2018-19.
- 1.1.7 Regulation No.1 of 2019 stipulate the terms and conditions of generation tariff for the Control Period from FY 2019-20 to FY 2023-24. The Petitions for approval of Business Plan, Capital Investment Plan and MYT for the Control Period from FY 2019-20 to FY 2023-24 were filed on 30.03.2019 respectively.
- 1.2 ADMISSION OF PETITIONS AND REGULATORY PROCESS**
- 1.2.1 The Petitions for approval of true-up for FY 2016-17 to FY 2018-19, Business Plan, Capital Investment Plan and MYT for FY 2019-20 to FY 2023-24 were scrutinised and found to be generally in order as required under the TSERC (Conduct of Business) Regulations, 2015 (Regulation No.2 of 2015). The Commission admitted the filings and the same were taken on record by assigning the following Original Petition (O. P.) numbers:
- O.P.No.4 of 2019 – True-up for FY 2016-17 to FY 2018-19
  - O.P.No.5 of 2019 – MYT for FY 2019-20 to FY 2023-24
  - O.P.No.8 of 2020 – Business Plan for FY 2019-20 to FY 2023-24
  - O.P.No.9 of 2020 – Capital Investment Plan for FY 2019-20 to FY 2023-24
- 1.2.2 SCCL filed I.A.No.2 of 2020 in O.P.No.5 of 2019 with the following prayers:

*"SCCL prays to the Hon'ble Commission that it may be pleased to grant the following as interim arrangement:*

*a) Allow to raise energy bills based on average annual fixed charges as claimed before it for the control period 2019-24, pending determination of ARR and tariff for 2019-24.*

*b) Provide in-principle approval for urgent capital investment needs as detailed in the application.*

*c) Pass such further orders, as the hon'ble commission may deem it appropriate and proper in circumstances of the case."*

- 1.2.3 The Commission vide its Order dated 08.02.2020 in the above stated IA ruled as under:

*15. Therefore, the Commission deems it fit to accord in-principle approval for undertaking the above stated works for complying with the revised emission norms. It is made amply clear that this in-principle approval should not be construed as the final approval of the Commission on the technology or the capital expenditure or the impact of the same on the tariff proposed by the applicant / petitioner. The Commission shall carry out the due diligence of the same and would take a view in the final order to be issued in the original petition.*

*16. For the reasons stated and the detailed discussion rendered above, we deem it fit to allow this application and direct the respondents to pay the tariff as applicable for FY 2018-19 for the energy supplied by the applicant / petitioner from 01.04.2019 till the disposal of the main petition."*

- 1.2.4 The Petitioner, as directed by the Commission, published for information of all stakeholders a notice in two (2) English newspapers, two (2) Telugu newspapers and one (1) Urdu newspaper on 25.02.2020.

- 1.2.5 Overview of Stakeholders' Consultation Process:

- 1.2.5.1 The filings have been made available by the Petitioner along with supporting material to the public at large including all stakeholders. The filings and supporting material were also hosted on the websites of the Commission as well as the Petitioner.

- 1.2.5.2 It was also notified in the public notice (Annexure-1) that, objections/ suggestions on the filings may be filed before the Commission by 12.03.2020 which was later extended upto 18.04.2020. In response to the public notice, objections/ suggestions/ comments were received from three (3) stakeholders (Annexure-2) by the Commission in writing no further objections/suggestions were received during the Public Hearing. The additional objections/ suggestions submitted pursuant to the Commission's directions during the Public Hearing have also been considered by the Commission. The list of

persons who attended the Public Hearing on 23.07.2020 is enclosed at Annexure-3.

1.2.5.3 The Petitioner was directed to give the reply to the stakeholders in writing by 19.05.2020 by sending the same to the respective stakeholder with a copy to the Commission. The replies were also posted on the website of the Commission.

1.2.5.4 The Public Hearing was initially scheduled to be held on 18.03.2020 which was postponed to 08.04.2020. However, due to the situation arising out of pandemic COVID-19, the Hearing could not be taken up on 08.04.2020. Although the imposition of lockdown by the Government has eased but advisory has been issued for not conducting any public meeting resulting in large gathering. Therefore, the Commission, vide the Public Notice dated 17.07.2020, scheduled the Hearing by video conference on 23.07.2020. The Commission has conducted the virtual Public Hearing on 23.07.2020 in the attendance of the Petitioner, the Respondents and the other interested stakeholders. During the Public Hearing, the Petitioner made a brief submission on its filings and then the Commission heard the Respondents and other stakeholders desiring to be heard. At the end, the Petitioner responded on the issues raised by the objectors and on directions of the Commission, filed a written submission regarding the same.

**1.3 DATAGAPS AND PETITIONER'S RESPONSES**

1.3.1 During scrutiny, the filings of the Petitioner was found to be deficient in certain aspects and therefore, additional information was sought. The Commission has considered the original filings and additional information submitted by the Petitioner.

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## CHAPTER 2 SUMMARY OF FILINGS

### 2.1 PETITIONER'S SUBMISSIONS

2.1.1 The Petitioner has made the following submissions in their original filings and the additional submissions:

- True-up for FY 2016-17 to FY 2018-19
- Business Plan for FY 2019-20 to FY 2023-24
- MYT for FY 2019-20 to FY 2023-24

2.1.2 The summary of each of the submissions is detailed below:

### 2.2 TRUE-UP FOR FY 2016-17 TO FY 2018-19

2.2.1 The capital cost claimed by SCCL for true-up for FY 2016-17 to FY 2018-19 is as shown in the Table below:

**Table 1: Capital cost claimed by SCCL for FY 2016-17 to FY 2018-19**

| (Rs. Crore)                  |         |                     |                               |            |            |
|------------------------------|---------|---------------------|-------------------------------|------------|------------|
| Particulars                  | Legend  | As on COD of Unit 2 | From COD Unit 2 to 31.03.2017 | FY 2017-18 | FY 2018-19 |
| Opening capital cost (gross) |         | 7558.63             |                               |            |            |
| Less: undischarged liability |         | 448.54              |                               |            |            |
| Opening capital cost (net)   | A       | 7110.09             | 7114.82                       | 7210.44    | 7611.94    |
| Additional capitalisation    | B       | 0.00                | 72.53                         | 191.20     | 757.86     |
| Liability discharged         | C       | 4.73                | 23.09                         | 210.30     | 91.20      |
| Closing capital cost         | E=A+B+C | 7114.82             | 7210.44                       | 7611.94    | 8461.00    |

2.2.2 The AFC claimed by SCCL for true-up for FY 2016-17 to FY 2018-19 is as shown in the Table below:

**Table 2: AFC claimed by SCCL for FY 2016-17 to FY 2018-19**

| (Rs. Crore)                 |                                       |                                    |                |                |
|-----------------------------|---------------------------------------|------------------------------------|----------------|----------------|
| Particulars                 | From COD of Unit 1 till COD of Unit 2 | From COD of Unit 2 till 31.03.2017 | FY 2017-18     | FY 2018-19     |
| Return on Equity            | 40.92                                 | 139.21                             | 438.11         | 475.08         |
| Interest on Loan            | 56.26                                 | 169.75                             | 490.99         | 487.24         |
| Depreciation                | 35.89                                 | 122.11                             | 383.35         | 413.74         |
| Interest on Working Capital | 10.26                                 | 35.39                              | 108.75         | 110.68         |
| O&M expenses                | 18.19                                 | 64.19                              | 207.60         | 220.56         |
| <b>Annual Fixed Charges</b> | <b>161.53</b>                         | <b>530.64</b>                      | <b>1628.80</b> | <b>1707.30</b> |

### 2.3 BUSINESS PLAN FOR FY 2019-20 TO FY 2023-24

2.3.1 SCCL submitted the Business Plan constituting the following:

- i. Generation Planning and forecasts

- ii. Capital Investment Plan
- iii. Future performance targets
- iv. Proposed efficiency improvement measures
- v. Compliance status of environmental norms
- vi. Saving in operating costs
- vii. Financial statements for the Control Period duration
- viii. Other new measures for generation business

2.3.2 The norms of operation proposed for the Control Period from FY 2019-20 to FY 2023-24 are as under:

**Table 3: Norms of operation proposed by SCCL for Control Period from FY 2019-20 to FY 2023-24**

| Parameter  | Unit     | Proposed  |
|--|----------|---|
| Normative Annual Plant Availability Factor (NAPAF) | %        | 80%   |
| Normative Annual PLF                               | %        | 80%   |
| Auxiliary Consumption                              | %        | 7.00%;<br>Additional 1.5% for FGD from FY 2021-22 onwards |
| Gross Station Heat Rate                            | kcal/kWh | 2400  |
| Secondary Fuel Oil Consumption                     | ml/kWh   | 2.00  |
| Transit Loss                                       | %        | 0.80%   |

2.3.3 The generation forecast for the Control Period from FY 2019-20 to FY 2023-24 is as under:

**Table 4: Generation forecast submitted by SCCL**

| Financial Year | Gross Generation | Auxiliary Consumption | Net Generation |
|----------------|------------------|-----------------------|----------------|
|                | MU               | %                     | MU             |
| 2019-20        | 9601.78          | 7.00%                 | 8929.65        |
| 2020-21        | 9575.54          | 7.00%                 | 8905.26        |
| 2021-22        | 9575.54          | 7.33%                 | 8873.45        |
| 2022-23        | 9575.54          | 8.50%                 | 8761.62        |
| 2023-24        | 9601.78          | 8.50%                 | 8785.63        |

2.3.4 SCCL submitted the month wise generation forecast for each year of the Control Period from FY 2019-20 to FY 2023-24.

2.3.5 The summary of Capital Investment Plan and capitalisation plan proposed for the Control Period from FY 2019-20 to FY 2023-24 is as under:

**Table 5: Capital Investment Plan and capitalisation plan submitted by SCCL**

(Rs. Crore)

| Particulars | Capital Investment | Capitalisation |            |            |            |            | Total |
|-------------|--------------------|----------------|------------|------------|------------|------------|-------|
|             |                    | FY 2019-20     | FY 2020-21 | FY 2021-22 | FY 2022-23 | FY 2023-24 |       |

| Particulars                                 | Capital Investment | Capitalisation |               |               |               |             | Total          |
|---|--------------------|----------------|---------------|---------------|---------------|-------------|----------------|
|   |                    | FY 2019-20     | FY 2020-21    | FY 2021-22    | FY 2022-23    | FY 2023-24  |                |
| FGD system                                  | 645.32             | 0.00           | 0.00          | 0.00          | 645.32        | 0.00        | 645.32         |
| In-furnace modifications for NOx compliance | 38.00              | 0.00           | 0.00          | 19.00         | 19.00         | 0.00        | 38.00          |
| O&M modules                                 | 301.18             | 0.00           | 153.10        | 82.96         | 65.12         | 0.00        | 301.18         |
| Railway works                               | 284.04             | 0.00           | 42.94         | 161.50        | 79.60         | 0.00        | 284.04         |
| Erection works in main plant                | 55.89              | 0.00           | 26.91         | 20.98         | 8.00          | 0.00        | 55.89          |
| Township civil works                        | 24.15              | 0.00           | 7.81          | 10.20         | 6.14          | 0.00        | 24.15          |
| <b>Total</b>                                | <b>1348.57</b>     | <b>0.00</b>    | <b>230.75</b> | <b>294.64</b> | <b>823.18</b> | <b>0.00</b> | <b>1348.57</b> |

## 2.4 MYT FOR FY 2019-20 TO FY 2023-24

2.4.1 The AFC claimed by SCCL for the Control Period from FY 2019-20 to FY 2023-24 is as shown in the Table below:

**Table 6: AFC claimed by SCCL for FY 2019-20 to FY 2023-24**

(Rs. Crore)

| Particulars                                | FY 2019-20     | FY 2020-21     | FY 2021-22     | FY 2022-23     | FY 2023-24     |
|--|----------------|----------------|----------------|----------------|----------------|
| Depreciation                               | 437.35         | 443.02         | 456.87         | 486.19         | 507.48         |
| Advance Against Depreciation               | 0.00           | 0.00           | 0.00           | 12.84          | 0.00           |
| Interest on Loan                           | 484.39         | 447.73         | 420.59         | 412.40         | 391.11         |
| Interest on Working Capital                | 96.92          | 103.86         | 112.23         | 123.21         | 135.06         |
| Interest on Working Capital for FGD system | 0.00           | 0.00           | 0.40           | 0.40           | 0.40           |
| O&M expenses                               | 229.01         | 242.51         | 256.37         | 277.84         | 291.40         |
| O&M expenses for FGD system                | 0.00           | 0.00           | 12.91          | 12.91          | 12.91          |
| O&M expenses for NOx mitigation system     | 0.00           | 0.38           | 0.76           | 0.76           | 0.76           |
| Return on Equity                           | 501.51         | 508.35         | 523.92         | 557.05         | 581.45         |
| Less: Non-tariff income                    | 0.37           | 0.37           | 0.37           | 0.37           | 0.37           |
| <b>Annual Fixed Charges</b>                | <b>1748.82</b> | <b>1745.49</b> | <b>1783.69</b> | <b>1883.22</b> | <b>1920.19</b> |

2.4.2 The ECR claimed by SCCL for the Control Period from FY 2019-20 to FY 2023-24 is as shown in the Table below:

**Table 7: ECR claimed by SCCL for FY 2019-20 to FY 2023-24**

| Particulars                            | Unit           | FY 2019-20   | FY 2020-21   | FY 2021-22   | FY 2022-23   | FY 2023-24   |
|--|----------------|--------------|--------------|--------------|--------------|--------------|
| Auxiliary Consumption                  | %              | 7.00%        | 7.00%        | 7.00%        | 7.33%        | 8.50%        |
| Gross Station Heat Rate                | kcal/kWh       | 2400.00      | 2400.00      | 2400.00      | 2400.00      | 2400.00      |
| Secondary Fuel oil consumption         | ml/kWh         | 2.00         | 2.00         | 2.00         | 2.00         | 2.00         |
| Calorific Value of Secondary Fuel      | kcal/ml        | 9.99         | 9.99         | 9.99         | 9.99         | 9.99         |
| Landed Price of Secondary Fuel         | Rs./ml         | 0.05         | 0.06         | 0.07         | 0.08         | 0.09         |
| Wt. Avg. Gross Calorific Value of Coal | kcal/kg        | 3866.17      | 3866.17      | 3866.17      | 3866.17      | 3866.17      |
| Landed Price of Coal                   | Rs./kg         | 4.18         | 4.64         | 5.15         | 5.72         | 6.35         |
| Specific Coal Consumption              | kg/kWh         | 0.62         | 0.62         | 0.62         | 0.62         | 0.62         |
| <b>ECR</b>                             | <b>Rs./kWh</b> | <b>2.884</b> | <b>3.205</b> | <b>3.563</b> | <b>3.975</b> | <b>4.476</b> |

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## **CHAPTER 3**

### **ISSUES RAISED BY STAKEHOLDERS, RESPONSES OF PETITIONER AND COMMISSION'S VIEWS**

#### **3.1 OBJECTIONS/SUGGESTIONS/COMMENTS MADE ON FILINGS**

3.1.1 Three (3) stakeholders have filed objections/ suggestions/ comments on the Petitions for approval of true-up for FY 2016-17 to FY 2018-19, Business Plan, Capital Investment Plan and MYT for FY 2019-20 to FY 2023-24. The Petitioner has filed replies on the objections/ suggestions/ comments received from the stakeholders. For the sake of clarity, the objections/suggestions/ comments raised by the stakeholders and responses of the Petitioner have been consolidated and summarised issue-wise. The Commission has concluded all the objections/ suggestions/ comments of the stakeholders made in writing and the responses to them by the Petitioner.

#### **3.2 CAPITAL COST**

##### ***Stakeholders' submissions***

- 3.2.1 The Commission, in the Tariff Order had approved the capital cost for the project. SCCL has filed an Appeal before the Hon'ble APTEL against the Commission's Tariff Order wherein it had prayed for set aside of the Order. SCCL has claimed the capital cost of Rs.8780.00 Crore as against the approved cost of Rs.7575.26 Crore. SCCL has claimed the disallowed capital cost in its true-up claims making the Tariff Order infructuous. As there is no stay on the Commission's Tariff Order, the true-up has to be based on the Commission's Tariff Order and the final capital cost cannot be higher than the total cost of Rs.7575.26 Crore approved by the Commission.
- 3.2.2 The developers of the generating stations have to develop their projects as per the terms and conditions of the PPAs executed with the Distribution Licensees and Regulations of the Commission. The power purchase by the DISCOMs is governed by the approved PPAs executed with the generators. After the approval of capital cost of a generating station for a Control Period by the Commission, the revision of the same does not arise. The generation business is not a licensed activity like the distribution business. Unlike the true-up allowed for the DISCOMs on account of uncontrollable factors, any



additional expenditure incurred for reasons other than the terms and conditions of the PPA has to be treated as business risk. It is for this reason that the generators are allowed higher rate of RoE.

- 3.2.3 The capital cost including additional capitalisation has to be allowed in accordance with the provisions of the Regulations. The reasons for delay in project execution do not fall under the ambit of force majeure. The additional capitalisation beyond one year from COD of Unit 2 is not allowable. Notwithstanding the audited accounts, the Commission has to decide on the permissible capital cost based on prudence check of actual capital cost. The additional capitalisation projected for the Control Period from FY 2019-20 to FY 2023-24 imposes avoidable burden on the DISCOMs without any accountability on part of SCCL. The regulatory provisions of allowing capital investment plan and business plan would entail condoning the delay in project execution due to the failures of commission and omission. The Commission may not allow the capital investment plan and business plan for the Control Period from FY 2019-20 to FY 2023-24 by taking deviation from the Regulations and recording the reasons for the same in writing. The Regulations may be amended by deleting the provisions regarding the Business Plan and Capital Investment Plan.
- 3.2.4 The Commission had approved the BTG cost of Rs.4463.44 Crore after deducting the undischarged liabilities from the total cost of Rs.4878 Crore. As against the same, SCCL has claimed the BTG cost of Rs.4849.48 Crore claiming the discharge of liabilities which need to be examined.
- 3.2.5 The Commission has approved the total cost of railway siding as Rs.80 Crore. The Commission noted that the railway siding works have been undertaken on nomination basis and ruled that any shortfall in funds from the Coal Controller shall be dealt with in true-up of additional capitalisation. SCCL has claimed the railway siding cost of Rs.322.57 Crore and stated that the grants to the tune of Rs.162.22 Crore has to be received from Coal Conservation & Development Advisory Committee (CCDAC). The amount of grants has to be deducted from railway siding cost claimed by SCCL.
- 3.2.6 SCCL has claimed the establishment cost of Rs.106.53 Crore whereas the

same has been claimed as Rs.70 Crore in O.P.No.9 of 2016. The revised claim of SCCL need to be examined.

- 3.2.7 SCCL has not deducted the liquidated damages amounting to Rs.27.73 Crore and penalty amounting to Rs.0.94 Crore levied on M/s BHEL. These amounts have to be deducted from the capital cost. The failure of SCCL to recover the liquidated damages cannot be a valid ground for not considering the same in the approval of capital cost.
- 3.2.8 SCCL has claimed the hard cost of Rs.7315.88 Crore as against the approved cost of Rs.6691.63 Crore.
- 3.2.9 SCCL has claimed the Interest During Construction (IDC) of Rs.1266.34 Crore as against Rs.883.63 Crore approved by the Commission. The IDC has to be considered as Rs.883.63 Crore as approved by the Commission.
- 3.2.10 The Commission had ruled that the finance charges cannot be considered as part of capital cost and hence the same principle has to be applied for the Control Period from FY 2019-20 to FY 2023-24.
- 3.2.11 SCCL has claimed Corporate Social Responsibility (CSR) expenditure of Rs.30 Crore for the Control Period from FY 2019-20 to FY 2023-24. This expenditure is not allowable as the CSR expenditure has to be met from the profits. The stakeholder has referred to Hon'ble APTEL's judgment dated 02.06.2016 in Appeal No.174 of 2015 in this regard.
- 3.2.12 SCCL has proposed to set up the FGD at a cost of Rs.645.32 Crore which works out to Rs.0.54 Crore per MW. NTPC has awarded for four power plants with aggregate capacity of 4460 MW for supply and installation of FGD system to GE Power at a cost of Rs.1783 Crore which is equivalent to Rs.0.40 Crore per MW. Sembcorp Energy has also initiated bidding for setting up of FGD system worth Rs.1000 Crore for its power plants with a total capacity of 2640 MW which is equivalent to Rs.0.38 Crore per MW. in view of the same, the FGD cost may be limited to Rs.450 Crore for SCCL.
- 3.2.13 The capital investment for complying with the Ministry of Environment, Forest & Climate Change (MoEF&CC) notification dated 07.12.2015 was not claimed in O.P.No.9 of 2016. The Commission in its Order dated 08.02.2020 accorded

in-principle approval for the works required for complying with the revised emission norms. As the capital expenditure claimed is after the cut-off date and beyond the original scope of work, the Commission's in-principle approval may be revisited. Further, the Hon'ble Supreme Court in its Order dated 05.08.2019 in W.P.(Civil) No.13029/1985 agreed to the principle of consensus reached between Environment Pollution Control Authority (EPCA), Ministry of Power (MoP), Central Electricity Authority (CEA), M/s NTPC Ltd., MoEF&CC to review the NOx emission norm from 300 mg/Nm<sup>3</sup> to 450 mg/Nm<sup>3</sup> for coal based TPPs. As the NOx emission levels are within the limit of 450 mg/Nm<sup>3</sup>, the Commission may consider this relaxation and the capital investment may be reduced accordingly.

- 3.2.14 As per the environmental clearance dated 27.12.2010, the project was required to comply with the stipulated specific and general conditions/directions, inter alia, to make specific provision of space for installation of FGD equipment in future. The environmental clearance mandated for allocation of separate funds for implementation of environmental protection measures, and such funds, which shall be part of project cost, shall not be diverted for other purposes apart from reporting the year-wise expenditure to MoEF. Non-inclusion of the capital expenditure towards FGD in the original capital cost estimates amounts to violation of the stipulation in the environmental clearance.
- 3.2.15 The project was to be equipped with continuous online monitoring equipment for monitoring the pollutant levels of SOx, NOx, Particulate Matter (PM) and mercury. The status of compliance to the environmental clearance conditions was to be uploaded on the website of MoEF periodically, and to be sent to Regional Office of MoEF, the respective zonal office of Central Pollution Control Board (CPCB), and State Pollution Control Board (SPCB).
- 3.2.16 MoP, in its letter no. 23/22/2018-R&R dated 30.05.2018 clarified that MoEF&CC's notification requiring compliance to Environment Protection Amendment Rules, 2015 dated 07.12.2015 is of the nature of Change in Law event except for TPPs where such requirement of pollution control system was mandated under the environmental clearance or envisaged otherwise before the notification of amendment rules. In view of the same, since FGD

installation was envisaged in the environmental clearance granted for the project, the claim for approval of capital investment for FGD system is not allowable. In a similar case of M/s Talwandi Sabo Power Limited (TSPL) whose environmental clearance is identical to that of Singareni TPP, the Punjab State Electricity Regulatory Commission (PSERC) in its Order dated 21.12.2018 disallowed TSPL's claim for capital expenditure towards FGD under Change in Law. The Judgment of Hon'ble APTEL dated 21.01.2013 in Appeal No.105 of 2011 may also be referred in this regard wherein the Hon'ble APTEL upheld the disallowance of the generator's claim to install FGD under Change in Law, after examining the Environmental Clearance for the project.

- 3.2.17 As per Article 8 of the PPA, the notice of Change in Law was to be issued to the DISCOMs and both the parties shall meet and endeavour to agree to an amendment to the PPA to pass on the impact of such an event. The DISCOMs have not received any such Change in Law notice claiming the capital expenditure towards FGD based on revised emission norms.
- 3.2.18 The environmental clearance mandated that the sulphur and ash content in coal shall not exceed 0.5% and 34% respectively at any given time and in case of variation in coal quality at any point of time, fresh reference was to be made to MoEF for amendments to the environmental clearance condition. If the sulphur content in coal is less than the prescribed limit, SO<sub>x</sub> emissions would be greatly reduced and the capital investment towards SO<sub>x</sub> mitigation measures would also reduce. The proposed design of FGD indicates that the sulphur content in coal would be as high as 0.69%, which is higher than the stipulation in the environmental clearance. The impact of violation of the stipulation of sulphur content in coal may not be passed on the DISCOMs.
- 3.2.19 The capital investment for the works which beyond the original scope of work and after the cut-off date may not be allowed as per the provisions of the Regulation No.1 of 2019. The proposed capital investment plan may be disallowed as the same lacks merit.

***Petitioner's replies***

- 3.2.20 SCCL has not claimed the disallowed capital cost, which has been challenged

in the Appeal before the Hon'ble APTEL, in its true-up claims. The Commission had adopted the CERC (Terms and Conditions of Tariff) Regulations, 2014 for tariff determination for FY 2016-17 to FY 2018-19. The Commission had approved the capital cost based on the provisional additional capitalisation submitted by SCCL. The audited additional capitalisation till FY 2018-19 has been submitted for true-up in accordance with the Regulations. Further, the undischarged liabilities which had not been considered by the Commission in the Tariff Order have been claimed for true-up on discharge of liabilities. In the Tariff Order, the Commission had ruled that the undischarged liabilities would be considered in tariff determination for the next Control Period i.e., from FY 2019-20 to FY 2023-24.

3.2.21 The PPA is generally executed much earlier to COD of the project and the project cost at that time would only be an estimate based on the awarded contracts. The closure of contracts requires adequate time even after cut-off date. The PPA provides for a general clause for determination of final capital cost by the Commission after prudence check. The CERC (Terms and Conditions of Tariff) Regulations, 2014 provide for additional capitalisation before and after cut-off date. The Regulation No.1 of 2019 was issued by the Commission after due regulatory process by taking into consideration the stakeholders' submissions including that of SCCL. The capital investment plan has been submitted in accordance with Clause 7 of the Regulation No.1 of 2019 along with detailed reasoning including priority of the schemes, cost benefit analysis and financing plan and the same may be allowed after prudence check. The generation tariff for the Control Period from FY 2019-20 to FY 2023-24 may be determined in accordance with the provisions of the Regulation No.1 of 2019.

3.2.22 The stakeholder's contention that the railway siding works were awarded on nomination basis is incorrect. All the railway siding works, except the project management consultancy, were awarded through competitive bidding. The railway siding works awarded through competitive bidding are as follows:

- i. Earth work formation 0 km to 8.5 km.
- ii. Earth work formation 8.5 km to 21.175 km.
- iii. Construction of major bridge on Rasulpalli vagu.

- iv. 9 nos. Road Under Bridges (RUBs)
- v. Supply and stacking of ballast
- vi. Supply and stacking of Pre-Stressed Concrete (PSC) sleepers
- vii. Supply of payment way materials, track lining etc.
- 3.2.23 The expenditure incurred towards railway siding works upto 31.03.2019 is Rs.322.56 Crore as against the estimated cost of Rs.276 Crore i.e., increase by Rs.57.43 Crore. This increase has been due to the following reasons:
- In compliance to the revised guidelines from Indian Railways, the top width of the embankment was increased from 6.85 m to 7.85 m and the bottom width was increased from 9.25 m to 10.25 m. Rock requiring blasting had increased due to these changes.
  - Further, the tracks in the yards are spaced at 12 m (instead of 6 m) and the requirement of earth work quantities have increased due to this change.
  - National Highways Authority of India (NHAI) had insisted for construction of RUBs on National Highway (NH) 63 with 2m x 24.20m span whereas the RUBs were originally planned to be constructed with 2m x 18.30m span.
  - One additional bridge of 2m x 12.20m span was included during tendering stage for movement of dumpers at SRP-OCP.
  - Railways had revised the depth of piles from 12m to 25m for the bridge on Rasulpalli vagu.
  - Implementation of Goods and Services Tax (GST) w.e.f. 01.07.2017, revised royalty charges, District Mineral Foundation Trust (DMFT), State Mineral Exploration Trust (SMET), PVC etc.
- 3.2.24 The grant received from CCDAC is to the tune of Rs.84.19 Crore as against the claim of Rs.162.22 Crore till 31.03.2019. In accordance with Regulation 9.6(d) of the CERC (Terms and Conditions of Tariff) Regulations, 2014, the amount of grant received can only be deducted from capital cost.
- 3.2.25 Out of the total expenditure of Rs.322.57 Crore incurred upto 31.03.2019, the CCDAC grant is to the extent of Rs.162.22 Crore. Therefore, the cost excluding CCDAC grant works out to Rs.160.35 Crore as against the Rs.80 Crore approved by the Commission. The Commission, in the Tariff Order observed that the expenditure of railway siding shall be considered during true-up. Thus, the additional expenditure of Rs.80.35 Crore has to be considered in true-up for FY 2016-17 to FY 2018-19.
- 3.2.26 The project management consultancy for tendering and execution of railway siding works has been awarded to M/s RITES Ltd. on nomination basis. The

- agreement in this respect was made on similar lines of the Memorandum of Understanding (MoU) entered by M/s Coal India Limited (CIL) and M/s RITES Ltd. for railway siding works. M/s RITES Ltd has charged 0.02% lower fees to SCCL in comparison to that charged to M/s CIL.
- 3.2.27 In O.P.No.9 of 2016, the establishment cost and contingencies had been claimed as Rs.70 Crore and Rs.47.52 Crore respectively. These have been revised to establishment cost and contingencies of Rs.94 Crore and Rs.5 Crore respectively based on the fact that several revenue nature expenditures related to establishments were met from contingency. As against the same, the establishment cost has been claimed as Rs.106.53 Crore.
- 3.2.28 The Commission had not condoned the delay on account of certain reasons like non-availability of sand, state bifurcation movement, delay in construction of water pipeline. In particular, the delay in various contracts was due to the non-availability of sand for construction activities. The construction work had initially suffered due to closure of government leased sand quarries. Subsequently, after opening of Telangana State Mineral Development Corporation (TSMDC), sand was issued through a cumbersome and time-consuming process. Further, delay occurred due shortage of labour on account of grounding of several government projects. The Commission has the powers to reconsider these issues and approve IDC.
- 3.2.29 The Commission had disallowed IDC to the tune of Rs.380.71 Crore and therefore, the liquidated damages, if imposed on the contractors have to be set off against the disallowance in IDC as per the Hon'ble APTEL's judgment in Appeal No.72 of 2010.
- 3.2.30 As per circular no. 35/2014 of Ministry of Corporate Affairs, GoI, financing charges constitute a part of additional capitalisation only if there is delay in commencement of commercial production after the plant is otherwise ready. Accordingly, the financing charges related to additional capitalisation are to be considered as per the relevant accounting standard. The additional capitalisation towards works proposed to be capitalised during the Control Period from FY 2019-20 to FY 2023-24 include corresponding IDC and financing charges as per the accounting standards.

- 3.2.31 SCCL has proposed the capital investment plan amounting to Rs.301.18 Crore towards procurement of O&M module. Most of the items proposed under the O&M module have to be procured for complying with CEA advisory dated 07.02.2020.
- 3.2.32 The Commission, in the Tariff Order, had approved the mandatory capital expenditure under MoEF clearance of Rs.9.45 Crore upto COD of Unit 2 and Rs.12.65 Crore under additional capitalisation, the same being pursuant to the Environmental Clearance issued for the project. This expenditure is mandated to be incurred irrespective of the profits earned. However, based on the experience of CSR activities undertaken in 34 villages around the project, the CSR expenditure was increased to Rs.6 Crore per annum totalling to Rs.30 Crore for the Control Period from FY 2019-20 to FY 2023-24. The Hon'ble APTEL's judgment referred to by the stakeholder is not applicable as regulatory return earned by the utility in that case was more than sufficient to consider CSR expenditure from the profits claimed. Therefore, the claim of CSR expenditure may be approved.
- 3.2.33 SCCL has claimed the capital investment plan amounting to Rs.1195.57 Crore which was subsequently revised to Rs.1348.57 Crore on addition of 2 nos. wagon tippers. Out of the total investment plan of Rs.1348.57 Crore, the expenditure of Rs.1230.10 Crore is towards the top priority items shown in the Table below:

**Table 8: Top priority items in the proposed capital investment plan for FY 2019-20 to FY 2023-24**

| Sl. No. | Particulars   | Estimated capital expenditure (Rs. Crore) | Provisions in Regulation No.1 of 2019 | Remarks   |
|---------|---|---|---------------------------------------|---|
| 1       | FGD system  | 645.32                                    |                                       |   |
| 2       | In-furnace modifications for NOx mitigation           | 38  | 7.19.1(l) and 7.19.1(e)               | In-principle approval given vide Order dtd. 08.02.2020                                      |
| 3       | O&M modules   | 301.18                                    | 7.19.1(c) and 7.19.1(k)               | Proposed in line with CEA advisory  |
| 4       | OHE works   | 45  |                                       |   |
| 5       | S&T works including civil works                       | 47.6                                      | 7.19.1(e)                             | Proposed as per the mandate of Ministry of Railways   |
| 6       | 2 Nos. wagon tippers and laying track lines including | 153                                       | 7.19.1(h)                             | Unloading facility for unloading BOXN wagons required which are used by Indian Railways for |



| Sl. No. | Particulars                 | Estimated capital expenditure (Rs. Crore) | Provisions in Regulation No.1 of 2019 | Remarks                           |
|---------|-----------------------------|---|---------------------------------------|-----------------------------------|
|         | consultancy service to NTPC |   |                                       | long distance coal transportation |
|         | <b>Total</b>                | <b>1230.1</b>                             |                                       |                                   |

3.2.34 The FGD cost, excluding GST and IDC, as per the DPR works out to Rs.492 Crore which is equivalent to Rs.0.41 Crore per MW and is comparable to the citations of the stakeholder.

3.2.35 Pursuant to the MoEF&CC notification dated 07.12.2015, the following events unfolded:

- The Central Pollution Control Board (CPCB) had issued directions on 11.12.2017 to TPPs to ensure compliance as per revised plan submitted by MoP.
- In view of technical challenges in implementing new technologies like FGD, revised dates for compliance of new emission standards was prepared by CEA which was forwarded to MoEF&CC on 13.10.2017.

3.2.36 The developers could not decide on the required technology or estimate the expenditure required for compliance to revised emission norms without CEA's advisory. The CEA had issued the technical specification for erection/retro fitting of FGD system in December 2017 and modified the same in October 2018. Therefore, the stakeholder's contention regarding the non-inclusion of the capital expenditure for complying with revised emission norms in O.P.No.9 of 2016 lacks merit. The stakeholders cannot attempt to reopen the concluded issue of in-principle approval accorded by the Commission in its Order dated 08.02.2020. The award of work under open enquiry is in process for installation of FGD and action has also been initiated for installation of low NOx burner in response to the show cause notice of CPCB. Therefore, the stakeholder's contention lacks merit and deserves to be rejected. CPCB is imposing penalty of Rs.18 lakh per month per unit for non-compliance and the same may be required to be borne by the beneficiaries if the capital investment for complying with revised emission norms is not approved.

3.2.37 The design value of NOx emission for the project is 750 mg/Nm<sup>3</sup>. On perusal of the Supreme Court's Order referred by the stakeholder, it is observed that the stated minutes envisage achievement of NOx emission norm of 450 mg/Nm<sup>3</sup> by way of combustion modification. The capital expenditure proposed

by SCCL is for combustion modification only and is supported by the quotation from M/s BHEL. The proposal for increasing the NO<sub>x</sub> emission norm from 300 mg/Nm<sup>3</sup> to 450 mg/Nm<sup>3</sup> was to be presented to MoEF&CC and MoP for final decision and finality has not been achieved on the subject proposal. The NO<sub>x</sub> emission level varies based on operational conditions of the units (load and mill combination). As the design value is 750 mg/Nm<sup>3</sup>, there is good amount of risk involved in achieving the level of 450 mg/Nm<sup>3</sup> due to different load and mill combinations. Accordingly, the investment for NO<sub>x</sub> mitigation is a must to control the NO<sub>x</sub> emission within the stipulated limit.

3.2.38 As per Article 10 of the PPA, the duration of agreement is 25 years and this has to be construed from COD of last unit or beyond 25 years if mutually agreed. The stakeholder has cited the stipulation in the environmental clearance regarding the provision for installation of FGD for future use. The installation of FGD was not mandatory at that time but the subsequent amendments made it mandatory. As the duration of the PPA can be 25 years or beyond 25 years and FGD has to be installed in future, which can also be within 25 years or beyond 25 years. Therefore, the usage of the word 'future' in the environmental clearance is not definitive, vague, uncertain and unclear. It only hints about a legislative change that may happen with absolutely no clue about the time when such change will occur. Therefore, there was the probability that FGD could have been installed in future but ascertaining the timing of such event was not feasible. The interpretation of provision given by the stakeholder as provision of space and establishment that this provision relates to a liability of uncertain timing or amount is refuted.

3.2.39 The environmental clearance stipulates earmarking funds for environmental impact measures and such fund has to be used only for environmental protection measures under implementation. A provision which is an uncertain expenditure cannot be a part of the fund as (i) an uncertain liability cannot be measured with reasonable reliability, (ii) the fund specifically requires item wise break-up, (iii) the fund was to be used to projects under implementation and (iv) the fund never envisaged future implementation of environmental measures. A separate fund to the tune of Rs.442. 30 Crore was allocated for environmental measures in the DPR which included electrostatic precipitators,

greenbelt development, dry ash disposal system, bottom ash disposal system, effluent treatment plant etc. Such fund did not include the expenditure required for complying with the revised emission norms. The cost of FGD could not be ascertained at the time of DPR preparation and hence the funds could not be set aside.

3.2.40 The environmental conditions as per the environmental clearance are being aptly fulfilled by the project.

3.2.41 MoP's letter dated 30.05.2018 was issued to CERC in exercise of the powers conferred u/s 107 of the Electricity Act, 2003. CERC shall be guided by the Central Government directions issued u/s 107 and such directions can be binding upon them when the matter involves public interest. The said letter has consequence upon SERC and is irrelevant.

3.2.42 The stakeholder's reference to the case laws is not relevant to the present case as the tariff in that case was determined based on competitive bidding u/s 63 of the Electricity Act, 2003. The tariffs in such cases were discovered based on bids submitted and a future enhancement of tariff in those cases is not permissible if not covered by Change in Law events in the bidding guidelines. The Distribution Licensees in those cases were not concerned to any additional investments made by the generators. The Petition in one of that case was filed u/s 86(1)(b) which empowers SERC to regulate the power purchase process which is different from tariff determination u/s 86(1)(a). Section 86(1)(b) does not empower SERC to determine/re-determine tariff. When the Statute/Regulation notified by the SERC provides adequate provision for adjudication/determination of issues, there is no burden of law to the regulator to look beyond its own Regulation even for any reference. The Judgments of Hon'ble APTEL in Appeal Nos. 93 of 2017 and 125 of 2017 dated 29.01.2020 and 09.05.2019 respectively relating to Section 62 of the Electricity Act, 2003 are relevant to the present case. The Regulation No.1 of 2019 has provisions related to environmental compliance. Therefore, the contention of the stakeholder is misconceived and not required to be considered by the Commission.

3.2.43 The tariff for the electricity supplied from the project shall be determined by

the Commission. Accordingly, SCCL has filed the business plan, capital investment plan and MYT for the Control Period from FY 2019-20 to FY 2023-24 before the Commission and the copies of the same have been emailed to the Respondents. Hence, the contention of no information to the beneficiaries lacks merit. SCCL is not in a position to decide whether the new environmental norms are to be considered as Change in Law event as provided in the PPA or not.

- 3.2.44 The stakeholder has quoted the sulphur content in worst coal as indicated in the DPR prepared for FGD and contended that such data is in violation of stipulation of MoEF. In the earlier pollution control regime, SOx control was planned to be achieved at chimney outlet by ensuring sulphur content in input coal to be less than 0.5%. With the SO<sub>2</sub> emission norm of 200 mg/Nm<sup>3</sup> in the Notification dated 07.12.2015, MoEF has shifted the SOx control philosophy from input based (indirect control) to output based (direct control) making the sulphur content regulation in the input coal superfluous and non-essential environmental condition. The sulphur content in coal not exceeding 0.5% could become a necessary condition had SCCL not been obligated to control SO<sub>2</sub> emission at chimney outlet within 200 mg/Nm<sup>3</sup> in the Notification dated 07.12.2015. The specifications and detailed design of FGD system will be finalised as per the standard technical specifications of CEA and in line with the similar system adopted by NTPC Limited in its plants with similar configuration. Therefore, the contention of the stakeholder is misconceived.
- 3.2.45 Most of the items proposed to be procured under the head of O&M module are in fulfilment of the CEA advisory dated 07.02.2020. Further, as per the Judgments of Hon'ble APTEL in Appeal Nos. 93 of 2017 and 125 of 2017 dated 29.01.2020 and 09.05.2019 respectively the requirement of O&M modules fall under Change in Law.
- 3.2.46 Clause 7.19 of the Regulation No.1 of 2019 do not limit the additional capitalisation beyond the cut-off date and the contention of the stakeholders is incorrect. Further, most of the items claimed in the capital investment plan are due to effect of change of law, contemplated under Article 8.1 of the PPA and became mandatory by the government authorities. The Judgment of Hon'ble APTEL in Appeal No.93 and 125 of 2017 may be referred to in this regard.

**Commission's View**

3.2.47 The Commission in the Tariff Order had approved the final capital cost as on COD of the project and the provisional additional capitalisation upto FY 2018-19. SCCL claimed the audited additional capitalisation in its true-up claim for the Control Period from FY 2016-17 to FY 2018-19. The Commission has approved the additional capitalisation for the Control Period from FY 2016-17 to FY 2018-19 as detailed in Chapter 4.

3.2.48 The Commission has approved the Capital Investment Plan for the Control Period from FY 2019-20 to FY 2023-24 in accordance with the provisions of the Regulation No.1 of 2019 as detailed in Chapter 5.

**3.3 ANNUAL FIXED CHARGES (AFC)****Stakeholders' submissions**

- 3.3.1 In light of the pending Appeal before the Hon'ble APTEL, the approval of true-up for FY 2016-17 to FY 2018-19 and MYT for FY 2019-20 to FY 2023-24 based on the capital cost claimed by SCCL does not arise.
- 3.3.2 The total Annual Fixed Charges (AFC) claimed by SCCL for the Control Period from FY 2016-17 to FY 2018-19 is higher than the AFC approved by the Commission by Rs.445.85 Crore. This is on account of higher loan and equity amounts considered by SCCL corresponding to higher capital cost claim. The interest rate considered by SCCL is also higher than that approved by the Commission.
- 3.3.3 SCCL submitted that 1/3<sup>rd</sup> of the savings accrued on account of reduction in interest rates on long-term loans would be retained by it. As the consumers have borne the interest on loans availed by SCCL, the impact of reduction in interest rates has to be allowed as pass through to the consumers to reduce the tariff burden. The sharing as proposed by SCCL is not allowable as the Commission had disallowed the same in tariff determination.
- 3.3.4 The provisions of the Regulations regarding the interest rates are not in line with the current market trends. The interest rates for long-term loans and working capital have to be considered in light of the reducing interest rates and not as claimed by SCCL. SCCL has to be directed to re-negotiate with the lending agencies and to swap the loan amounts, if possible, to avail the

benefit of lower interest rates. The rate of interest may be limited to 9%.

- 3.3.5 SCCL has claimed Advance Against Depreciation (AAD) for meeting the loan repayment obligation stating that the benefit of reduced interest on loan would accrue to the end consumers. On the contrary, AAD leads to front loading of tariff. Depreciation has to be allowed considering the rates specified in the Tariff Regulations and AAD may not be allowed.
- 3.3.6 SCCL has claimed Return on Equity (RoE) considering the base rate of 15.5% and effective tax rate of 21.55%. In view of the reducing interest rates, reduction in the rate of RoE may be considered as the taxes are being allowed as pass through. The rate of RoE of 15.5% was adopted at a time when the interest rate was 12%. As the rate of RoE is pegged at 2% higher than interest rate and the interest rate has reduced below 9%, the rate of RoE may be considered as 12%.
- 3.3.7 As regards income tax rate for the Control Period from FY 2016-17 to FY 2018-19, SCCL submitted as under:
- There had been net book loss for FY 2016-17 at company level and hence no Minimum Alternate Tax (MAT) was paid. However, due to clubbing of businesses of power generation and coal mining, it has to be construed that SCCL had MAT liability on the profits from power generation business, which was adjusted against the loss from coal mining business.
  - The MAT paid for FY 2017-18 was Rs.424.21 Crore. However, MAT computed on standalone book profits of Rs.580.15 Crore from power generation business works out to Rs.123.81 Crore considering the MAT rate of 21.34%.
  - The MAT paid for FY 2018-19 was Rs.628.28 Crore. However, MAT computed on standalone book profits of Rs.700.73 Crore from power generation business works out to Rs.151.01 Crore considering the MAT rate of 21.55%.
- 3.3.8 As the separate auditing for power generation business was not carried out, the book profits from power generation business as claimed by SCCL need to be verified. Further, the profits for power generation business has to be computed considering the true-up claims approved by the Commission. The excess MAT, deemed to have been paid by SCCL, if arises, based on true-up claims approved by the Commission, is to be refunded by SCCL. If there are no profits for power generation business based on the true-up claims approved by the Commission, allowing MAT does not arise. Permissible MAT

may be considered on the basis of actual profits accrued as per the tariff determined by the Commission.

- 3.3.9 In addition to the employee expenses, SCCL has claimed the contractual expenses to the tune of Rs.39.92 Crore, Rs.108.43 Crore, and Rs.105.07 Crore for FY 2016-17, FY 2017-18 and FY 2018-19 respectively without providing any justification. Hence, these expenses have to be disallowed.
- 3.3.10 As per the DPR for Flue Gas Desulphurisation (FGD) system, the by-product gypsum would be produced at the rate of 1000-1100 tons per day which can be used by cement manufacturers. Revenue from sale of gypsum has to be passed on to the DISCOMs as capital investment as well as additional auxiliary consumption have been claimed for FGD system.

***Petitioner's replies***

- 3.3.11 The true-up for the Control period from FY 2016-17 to FY 2018-19 has to be carried out in accordance with Regulation 8 of the CERC (Terms and Conditions of Tariff) Regulations, 2014. The Hon'ble APTEL in its Order dated 28.09.2018 directed the Commission to hear the true-up Petition of SCCL as per the procedure contemplated. Pendency of an Appeal against the Order dated 19.06.2017 cannot be a ground for not undertaking true-up. In a similar case, the Tariff Order of the Uttarakhand Electricity Regulatory Commission (UERC) (in the case of M/s Him Urja Pvt. Ltd.) was modified during the pendency of an Appeal against the same Order before the Hon'ble APTEL and that decision of UERC was not interfered by the Hon'ble APTEL.
- 3.3.12 The AFC for the Control Period from FY 2016-17 to FY 2018-19 has been claimed considering the audited capital cost. The interest rate claimed by SCCL is based on actuals and after considering the sharing of savings in accordance with Regulation 26.7 of the CERC (Terms and Conditions of Tariff) Regulations, 2014.
- 3.3.13 SCCL requested its lenders namely M/s Power Finance Corporation (PFC) and M/s Rural Electrification Corporation (REC) for reduction of interest rates on long-term loans. The interest rates reduced from 11.69% to 9.91%, 9.38% and 9.14% for FY 2016-17, FY 2017-18 and FY 2018-19 respectively. The sharing of savings on account of the same have been considered in

accordance with Regulation 26.7 of the CERC (Terms and Conditions of Tariff) Regulations, 2014. The rates of interest on long-term loan and working capital have been considered as 10.2% and 10.05% respectively for the Control Period from FY 2019-20 to FY 2023-24. The stakeholder's contention that the sharing of savings in interest cost ought to be disallowed as the same had not been allowed in the tariff order is incorrect as the tariff Petition was filed by SCCL in accordance with the Regulation No.1 of 2008 but the Commission had adopted CERC (Terms and Conditions of Tariff) Regulations, 2014 for tariff determination and hence, it was impossible for SCCL to invoke the provisions in the CERC (Terms and Conditions of Tariff) Regulations, 2014 regarding loan restructuring. As such the same is omission and hence ought to be allowed in true-up.

- 3.3.14 The project financing was decided based on the provisions of the Regulation No.1 of 2008 which stipulate that the depreciation shall be based on straight line method over the useful life of the asset and at the rates specified in the MoP notification dated 21.03.1994 and on repayment of the entire loan, the remaining depreciable value shall be spread over the balance useful life of the asset. Accordingly, the loan agreements were executed and the loan payback periods modelled for utilising such depreciation. On adoption of CERC (Terms and Conditions of Tariff) Regulations, 2014 by the Commission for tariff determination, the depreciation has reduced and became insufficient for loan repayment due to which the shortfall in loan repayment has to be met from the internal resources on which no return is allowed. AAD for meeting the loan repayment obligation would benefit the end consumers by way of reduced interest on loan.
- 3.3.15 The CERC (Terms and Conditions of Tariff) Regulations, 2014 and the Regulation No.1 of 2019 specify the base rate of RoE as 15.5%.
- 3.3.16 The stated amounts of Rs.580.15 Crore and Rs.700.73 Crore for FY 2017-18 and FY 2018-19 respectively are the book profits for the purpose of MAT under Section 115JB and include late payment surcharge. The MAT payments can be verified from the audited accounts of SCCL. The billing for the Control Period from FY 2016-17 to FY 2018-19 was done as per the Tariff Order dated 19.06.2017. Therefore, the stakeholder's contention to compute



the profits based on true-up claims approved by the Commission is incorrect.

3.3.17 The difference in book profits under Section 115JB and Profit Before Tax (PBT) for the project in FY 2018-19 is on account of non-payment of dues by the DISCOMs and consequent late payment surcharge billed in accordance with Clause 16 of the Regulation No.1 of 2008. As against the total billed amount of Rs.8285.64 Crore upto 31.03.2019, the DISCOMs paid the amount of Rs.4933.18 Crore and the dues amount to Rs.3352.47 Crore. These dues are without any adjustment for late payment surcharge.

3.3.18 The details of contractual expenses are as under:

**Table 9: Details of contractual expenses submitted by SCCL**

| Financial Year | Hiring of HEMM, weigh bridges & others | O&M expenses | Others | (Rs. Crore)   |
|----------------|--|--------------|--------|---------------|
|                |  |              |        | Total         |
| 2016-17        | 3.95                                   | 32.52        | 3.45   | <b>39.92</b>  |
| 2017-18        | 9.10                                   | 83.88        | 15.45  | <b>108.43</b> |
| 2018-19        | 6.12                                   | 86.43        | 12.52  | <b>105.07</b> |

3.3.19 The revenue from sale of gypsum may be considered in the true-up for the Control Period from FY 2019-20 to FY 2023-24 based on the net revenue earned after installation of FGD system.

#### **Commission's View**

3.3.20 The Commission has carried out the true-up for the Control Period from FY 2016-17 to FY 2018-19 in accordance with the provisions of the CERC (Terms and Conditions of Tariff) Regulations, 2014 as detailed in Chapter 4. The Commission has approved the AFC for the Control Period from FY 2019-20 to FY 2023-24 in accordance with the provisions of the Regulation No.1 of 2019 as detailed in Chapter 6.

### **3.4 NORMS OF OPERATION**

#### **Stakeholders' submissions**

3.4.1 The operational parameters approved by the Commission are generally relaxed norms. Considering operational parameters on higher side as opposed to the lower of actual and norms results in accrual of profits to the generator at the cost of the consumers. Comparison of the approved norms for the project with norms of other generating stations has no relevance as the

fuel procurement, of specific quality and price, has to be undertaken for achieving the approved norms for the project.

- 3.4.2 SCCL has compared its operational norms with the generating station of Telangana State Power Generation Corporation Ltd. (TSGENCO) disregarding the economies of scale achieved by it in setting up of 2x600 MW units, such as sharing of identical BTG spares, sharing of common infrastructure facilities for raw water intake pump house, Boiler Feed Pumps (BFPs), common conveyor system; common ash disposal, common auxiliaries etc. The gains accrued to the project under the controllable parameters such as revenue from sale of fly ash is not passed on to the DISCOMs but the operational norms have been claimed on inferior side. The norms of operation should be allowed in accordance with the specified norms. The additional auxiliary consumption for FGD system may be allowed after commissioning, duly considering CEA guidelines.
- 3.4.3 SCCL has claimed the Plant Load Factor (PLF) of 91.06% and 81.94% for FY 2017-18 and FY 2018-19 respectively. The stakeholder sought the reasons for variations in PLF. SCCL has considered the PLF of 80%, that specified for Kakatiya TPP (KTPP) Stage II, as against the normative PLF of 85% for the Control Period from FY 2019-20 to FY 2023-24. The claim of incentive for higher PLF for the Control Period from FY 2019-20 to FY 2023-24 indicates that the project can achieve the normative PLF of 85%. SCCL has also considered the other operational parameters inferior to the specified norms.
- 3.4.4 SCCL submitted that the project has been considered as non-pit head generating station for the Control Period from FY 2019-20 to FY 2023-24. The project can be considered as non-pit head generating station if the coal is procured from the mine allocated in Odisha. If the coal allocation from SCCL mines is approved, the project has to be considered as pit head generating station. The project cannot be presumed to be a non-pit head generating station for the entire Control Period.

***Petitioner's replies***

- 3.4.5 The all India average PLF of thermal power stations was 60.72% and 61.07% for FY 2017-18 and FY 2018-19 respectively. In this context, the stakeholder's

contention that the approved operational parameters are relaxed norms is diverting. SCCL has made detailed submissions regarding its claim of norms of operation for the Control Period from FY 2019-20 to FY 2023-24 on similar lines of KTPP Stage II.

3.4.6 Section 61(e) of the Act provides that the Appropriate Commission shall adhere to the principle of rewarding efficiency in performance while specifying the terms and conditions of tariff. This implies that the Regulations have to be specified such that the efficient one amongst the generating units of similar configuration gets rewarded and not penalised with stringent operating norms. The Regulations should specify uniform norms for all the generating units of 600 MW size and cannot be project specific. The draft Regulations issued by the Commission specified uniform norms for KTPP Stage II and Singareni TPP and therefore no comments were submitted by SCCL on the norms of operation. However, the final Regulations specified different norms for KTPP Stage II and Singareni TPP. Further, the norms of operation differ from one Control Period to the other as witnessed in the CERC (Terms and Conditions of Tariff) Regulations, 2014 and the CERC (Terms and Conditions of Tariff) Regulations, 2019. The Commission may look into this issue and approve the norms of operation. The additional auxiliary consumption for FGD system has been claimed based on the DPR.

3.4.7 The stakeholder's contention that the norms of operation will vary depending on the economies of scale is misplaced. The common infrastructure facilities had already been considered in the approval of norms of operation. The Commission had approved the normative Station Heat Rate (SHR) in accordance with the provisions of the CERC (Terms and Conditions of Tariff) Regulations, 2014 considering the design parameters such as boiler efficiency and turbine heat rate. Further, Singareni TPP is a greenfield project whereas KTPP Stage II is an extension unit wherein the opportunity to optimise O&M exists due to economies of scale. The revenue from sale of fly ash shall be guided by MoEF's notification no. S.O.2804(E) which states as under:

*"(6) The amount collected from sale of fly ash and fly ash based products by coal and/or lignite based thermal power stations or their subsidiary or sister concern unit, as applicable should be kept in a separate account head and shall be utilized only for development of infrastructure or facilities, promotion*

*and facilitation activities for use of fly ash until 100 percent fly ash utilisation level is achieved; thereafter as long as 100% fly ash utilization levels are maintained, the thermal power station would be free to utilize the amount collected for other development programmes also and in case, there is a reduction in the fly ash utilization levels in the subsequent year(s), the use of financial return fly ash shall get restricted to development of infrastructure or facilities and promotion or facilitation activities fly ash utilization until 100 percent fly ash utilization level is again achieved and maintained.”*

- 3.4.8 The incentive for higher PLF has been claimed with the projection that the PLF could be achieved higher than the normative PLF based on past experience and after factoring in annual overhauling in alternate years and forced outages.
- 3.4.9 Coal was supplied from SCCL mines on best effort basis through Bridge Linkage route. Almost 20-25% of the annual coal requirement was met from various mines which are not linked through Merry-Go-Round (MGR) system. As per the definition of non-pit head generating station under Clause 8(b) of the Environment (Protection) Rules, 1986, the project has to be treated as non-pit head generating station.

#### **Commission's View**

- 3.4.10 The Commission has approved the norms of operation for the Control Period from FY 2019-20 to FY 2023-23 in accordance with the provisions of the Regulation No.1 of 2019 as detailed in Chapter 5.

### **3.5 ENERGY CHARGES**

#### **Stakeholders' submissions**

- 3.5.1 SCCL has claimed the energy charge rate of Rs.1.84/kWh as against Rs.1.69/kWh approved by the Commission. This increase is on account of lower GCV of coal and higher coal price claimed by SCCL than that approved by the Commission. SCCL has claimed the GCV of 3895.18 kcal/kg as against 4130 kcal/kg approved by the Commission. SCCL has claimed the coal price of Rs.2.90/kg as against Rs.2.84/kg approved by the Commission. Further, SCCL has claimed the specific coal consumption of 0.59 kg/kWh as against 0.56 kg/kWh approved by the Commission which indicates lower efficiency of the plant. The electricity consumers should not be burdened with higher energy charges as the same are on account of inferior quality coal and

inefficiency in operations.

- 3.5.2 The coal price has been projected to increase from Rs.3494.72/MT in FY 2019-20 to Rs.4580.87/MT in FY 2023-24. If the project is allocated coal from SCCL mines, the coal price would be lower than the Bridge Linkage coal. Projecting the annual increase in coal price for the Control Period from FY 2019-20 to FY 2023-24 is arbitrary and not allowable.
- 3.5.3 Naini coal block was allocated for the project on 13.08.2015 and was expected to commence production in December 2020. SCCL submitted that the production from Naini coal block would be achieved by the year 2023 and the existing Bridge Linkage has been extended till then. Therefore, the delay on account of coal materialisation from allocated Naini coal block would continue to burden in the form of premium coal price. This burden should not be passed on to the DISCOMs.
- 3.5.4 The policy guidelines for grant of Bridge Linkage mandated the coal suppliers to supply 75% of Agreed Requirement of coal wherein Agreed Requirement is calculated at 90% of normative requirement of the project at 85% PLF. This means that the Bridge Linkage allocation would be 57.375% of the requirement of the project at notified price. The balance coal requirement is deemed to have been procured through e-auction at premium price of 20% over and above the notified price applicable for non-power sector. The procurement at premium price can be avoided by expediting the production from Naini coal block.
- 3.5.5 The Commission, in the Tariff Order, directed SCCL to actively pursue the issue of coal allocation with the Ministry of Coal (MoC) so that the cumbersome task of coal transportation from Odisha and associated losses in quantity and GCV could be mitigated by procuring coal from its own mines closer to the project. The current status of the compliance to the Commission's direction has not been submitted. The inaction of Government of India (GoI) in allocation of coal from the coal mines of SCCL, although SCCL had expressed its capability and readiness to supply coal to the project, is imposing avoidable additional burden in the form of higher prices for Bridge Linkage coal and coal transportation costs.

- 3.5.6 SCCL submitted that the energy bills for the Control Period from FY 2019-20 to FY 2023-24 shall be raised considering the actual fuel prices and GCV. As per the provisions of the Regulation No.1 of 2019, the GCV of coal has to be considered on 'as received' basis and not 'as fired' basis claimed by SCCL. Clause 21.6.1 of the Regulation No.1 of 2019 stipulates the GCV of coal to be considered on 'as received' basis. The variation in GCV allowed in Clause 21.10 is because the actual GCV will not be known at the time of billing. By claiming GCV on 'as fired' basis, SCCL is resorting to pick and choose the regulatory provisions. The difference in GCV from 'as billed' to 'as received' is approximately 1000 kcal/kg due to which the energy charges have increased in FY 2018-19. The variations in coal price should be adjusted subject to the terms and conditions of the PPA.
- 3.5.7 SCCL has claimed the incentive for higher PLF for the Control Period from FY 2019-20 to FY 2023-24 as per the provisions of the CERC (Terms and Conditions of Tariff) Regulations, 2019 and not as per Regulation No.1 of 2019. The same may be disallowed.

***Petitioner's replies***

- 3.5.8 The energy charges during the Control Period from FY 2016-17 to FY 2018-19 were billed considering the norms of operation approved by the Commission and the actual fuel prices and GCV in accordance with Regulation 30.6 of the CERC (Terms and Conditions of Tariff) Regulations, 2014. The coal quality variations occur normally in a TPP due to which the boilers are designed to handle such variations. The boilers of the project have been designed to handle the coal having GCV in the range of 3786 kcal/kg to 4529 kcal/kg. The specific coal consumption is derived based on the GCV of coal and it is incorrect to state that the Commission had approved the same as 0.56 kg/kWh as the specific coal consumption varies with the GCV of coal received.
- 3.5.9 Naini coal block is expected to commence production in the later part of the year 2020 and the production level is expected to reach peak rated capacity by the year 2023 considering the technical and managerial issues. The total coal requirement for the project cannot be met from Naini coal block before

the year 2023 and therefore, tapering linkage has been approved for meeting the coal requirement. The progress of development of Naini coal block is being continuously monitored by SCCL's top management and the coal production would be further expedited.

- 3.5.10 SCCL has been exploring the swapping of Naini coal block with a utility in Odisha which has coal allocation in Telangana but it could not materialise. SCCL has also been working on an alternate plan to transport coal from Naini coal block which could lead to reduction in base coal price but increase in transportation cost. The South-Central Railway authorities had advised to undertake the works of two nos. wagon tippers at the railway siding for seamless supply of coal from Naini coal block to the project. This additional scope was not envisaged in the DPR and hence submitted in the capital investment plan for Commission's approval.
- 3.5.11 The reallocation of Naini coal block with a nearby coal mine of SCCL on permanent basis is not feasible until specific directions are issued by the Government in this regard. The projections of energy charges for the Control Period from FY 2019-20 to FY 2023-24 have been submitted considering the past trends of actual fuel prices and GCV. However, the energy charges shall be billed in accordance with the provisions of the Regulation No.1 of 2019 considering the approved norms of operation and actual fuel prices and GCV.
- 3.5.12 Some ambiguity persists in the Regulation No.1 of 2019 regarding the GCV of coal to be considered for computation of energy charges due to incompatibility between Clauses 21.6, 21.7 and 21.10. The State Electricity Regulatory Commissions (SERCs) are guided by the principles and methodologies of CERC in specifying the Regulations as per Section 61(a) of the Electricity Act, 2003. CERC (Terms and Conditions of Tariff) Regulations, 2014 specify that the energy charge shall be computed based on as received GCV of coal less 85 kcal/kg. CEA had suggested the margin of 85-100 kcal/kg for pit head generating stations and 105-120 kcal/kg for non-pit head generating stations as loss in GCV measured at wagon top at unloading point till the firing point in the boiler. The Tariff Regulations of other SERCs such as Maharashtra ERC, Gujarat ERC and Odisha ERC specify energy charge computation on similar lines of CERC (Terms and Conditions of Tariff) Regulations, 2019 or on the

basis of as fired GCV of coal. As per Clause 21.7 of the Regulation No.1 of 2019, the fuel details have to be provided to the beneficiaries as per Form-15 prescribed by CERC for thermal generating stations. Usage of Form-15 of the CERC (Terms and Conditions of Tariff) Regulations, 2019 is possible only if billing is made on 'as fired' basis. Further, the PPA provides for GCV to be considered on 'as fired' basis and hence the DISCOMs are precluded from denying this aspect.

- 3.5.13 SCCL requested the Commission to allow the energy billing either based on as fired GCV or to allow sufficient margin from as received GCV to compensate for GCV loss due to storage at the generating station.

**Commission's View**

- 3.5.14 The Commission has approved the Energy Charge Rate (ECR) for the Control Period from FY 2019-20 to FY 2023-23 in accordance with the provisions of the Regulation No.1 of 2019 as detailed in Chapter 6.

**3.6 GENERATION TARIFF**

**Stakeholders' submissions**

- 3.6.1 SCCL has claimed the generation tariff of Rs.4.91/kWh, Rs.5.23/kWh, Rs.5.63/kWh, Rs.6.17/kWh and Rs.6.72/kWh for FY 2019-20, FY 2020-21, FY 2021-22, FY 2022-23 and FY 2023-24 respectively. The claimed generation tariffs are higher in comparison to the tariff of Rs.3.49/kWh approved for FY 2018-19.

**Petitioner's replies**

- 3.6.2 The approved generation tariff of Rs.3.49/kWh for FY 2018-19 quoted by the stakeholder has no basis. The generation tariff approved by the Commission comprise of AFC and norms of operation for billing of energy charges on monthly basis. The average per unit tariff for FY 2018-19 was Rs.4.08/kWh. The projected generation tariff is comparable to the other generating stations in the State.

**Commission's View**

- 3.6.3 The Commission has taken note of stakeholders' submissions and Petitioner's replies.



### 3.7 BILLING DISPUTES

#### ***Stakeholders' submissions***

- 3.7.1 SCCL submitted that the DISCOMs have disallowed the energy bills to the tune of Rs.121.43 Crore for FY 2018-19 without considering additional coal price as per the provisions of the Bridge Linkage MoU and the auditor certified coal cost. As per the MoU, coal supplies upto 75% of the agreed quantity would be charged at 20% over the notified basic price for power sector for all coal grades while for coal supplies beyond 75% of the agreed quantity, the price charged would be 20% over and above the notified basic price for non-power sector. Achieving higher PLF by using premium priced coal is unjustified. Moreover, the premium charged by CIL is 10% over and above the notified price applicable for power sector whereas the premium charged by SCCL is 20% over and above the notified price applicable for non-power sector. The Commission may disallow the impact of this irrational coal pricing.
- 3.7.2 SCCL submitted that it had supplied energy in excess of scheduled energy during FY 2017-18 and requested the Commission to allow the energy bills to the tune of Rs.17.75 Crore, which was disallowed by the DISCOMs. The claim in respect of excess energy injected is not in consonance with the Tariff Regulations and is a violation of Grid Code as the excess energy injected into the grid without complying to the schedules of State Load Despatch Centre (SLDC) would give rise to threat to grid security. Therefore, the same is not permissible. KTPP has not injected unscheduled energy and hence the comparison made by SCCL is not plausible. There had been several instances wherein SCCL has injected more than the schedule in non-compliance of SLDC directions as evident from the correspondences from SLDC. The achievement of PLF of more than 85% during the previous year's confirm that the directions of SLDC had been violated and over injection has been done into the grid. Due to such over injection by SCCL, the other generators had to be backed down with fixed cost obligation. Such violations of SLDC directions by multiple generators endanger grid safety and hence, need to be penalised. As per Article 6.1.2 of the PPA, the energy bills shall be raised as per SLDC schedule.
- 3.7.3 SCCL has claimed the PLF of 91.09% for FY 2017-18 by considering the

unscheduled energy injected into the grid and claimed the incentive of Rs.29.11 Crore for higher PLF. The PLF for FY 2017-18 works out to 90.79% without considering the unscheduled energy injected into the grid. Incentive is not allowable for the unscheduled energy injected. The Commission may disallow the incentive claimed by SCCL.

- 3.7.4 SCCL submitted that the water charges amounting to Rs.3.63 Crore and other local taxes, license fee etc. amounting to Rs.4.79 Crore for the period from 01.12.2016 to 31.08.2018 have not been paid by the DISCOMs and requested the Commission to allow the same. The DISCOMs paid the monthly energy bills including the supplementary bills towards taxes & duties as per the Tariff Regulations. SCCL may be directed to reconcile the sums received by it.

***Petitioner's replies***

- 3.7.5 The stakeholder's contention that achieving higher PLF using premium priced coal is unjustified has no legal basis. The Tariff Regulations neither prohibits achieving higher PLF using Bridge Linkage coal nor puts a bar on paying coal price as per the MoU with the coal supplier.
- 3.7.6 The delay in materialising coal supply from Naini coal block was discussed in the Standing Linkage Committee (SLC) under MoC and the committee, after considering the representation made by SCCL, had recommended extension of Bridge Linkage upto the year 2023 in the form of tapering linkage in synchronisation with the production from Naini coal block. The delay is attributable to uncontrollable factors due to which the extension of Bridge Linkage was granted.
- 3.7.7 The stakeholder has compared the pricing principles for Bridge Linkage coal followed by SCCL and CIL however, it is inappropriate to contend this issue before the Commission as coal pricing is dealt by MoC and not the Commission. The operating areas of SCCL and CIL are not comparable. The annual production target level of CIL is 710 MMT for the year 2020 whereas the target is 67.5 MMT for SCCL which is equivalent to 1/11<sup>th</sup> of CIL's target. The ratio of open cast to underground mines, number of employees per ton of coal production, over burden ratio etc. varies significantly between CIL and

SCCL. Therefore, the cost structure of coal produced by CIL and SCCL are different and comparison between the two is inappropriate.

3.7.8 The MoU entered between the coal mining and power generation businesses of SCCL satisfies the condition for arm's length transaction which provides that the parties have to act independently without being influenced by other. The MoU under which the coal is supplied to the project contains the same provisions of coal pricing of the MoU entered into with M/s NTPC Ltd. The copy of MoU entered into with M/s NTPC has been submitted in support to the same. The coal pricing methodology is not advantageous or disadvantageous for the project when compared to other TPPs being supplied coal from SCCL mines. The increase in coal cost as certified by the statutory auditor is admissible for the computation of energy charges as per Regulation 30(6) of the CERC (Terms and Conditions of Tariff) Regulations, 2014. The Commission may allow the additional coal bills raised in accordance with the CERC (Terms and Conditions of Tariff) Regulations, 2014.

3.7.9 SCCL has submitted the justification for claiming the bills on actual meter readings as under:

- Scheduling is a day ahead exercise and actual generation cannot exactly match with the schedule on real time basis due to variation in connected load, frequency and coal quantity.
- The commercial mechanism has been developed in the country to deal with these variations in scheduled generation and actual generation. However, such a mechanism is not prevalent in Telangana State.
- As per the Article 6 and Article 7 of the PPA, the readings of main meter shall form the basis of billing and the monthly bills were raised by SCCL in accordance with the same.

3.7.10 The stakeholder submitted that the excess energy injected into the grid is not in consonance with CERC Regulations and is a violation of Grid Code. When the CERC Regulations on Deviation Settlement Mechanism and related matters recognise such deviations and also provides commercial mechanism to deal with such deviations, it cannot be said that the deviations are in violation of Grid Code. As per CERC's Deviation Settlement Mechanism, the over injection or under injection shall be within the limit of 12% of scheduled injection or 150 MW whichever is lower. During FY 2018-19, the actual generation is 8208.21 MU as against the scheduled generation of 8113.45

MU and the deviation amounts to 94.76 MU i.e., 1.16% which is within the permissible limits. As per the study conducted to understand the implication of such over injection on the payment liability of Telangana State at regional level, the pay outgo for Telangana State in Southern Regional Power Committee (SRPC) would have increased by Rs.31.88 Crore in the absence of over injection by SCCL. As against the same, the claim of Rs.17.75 Crore is reasonable. Therefore, the Commission may allow the energy charges based on actual energy.

- 3.7.11 The monthly billing is done as per the JMRs at the end of the month in accordance with Clause 7.11 of the PPA. The Telangana State Power Coordination Committee (TSPCC) chose to admit the bills based on scheduled generation instead of actual generation which is in deviation from the billing methodology followed for other intra-State generators. The copy of bill raised by TSGENCO has been submitted in support of the same.
- 3.7.12 The generation, although beyond schedule, has been supplied under the agreement with the DISCOMs and such energy was sold to the consumers of the State. Therefore, as per Section 70 of the Indian Contract Act, when such quantum of power not prohibited by law has been supplied not for gratis, the recipient is bound to pay the consideration. This principle has been laid down by the Constitution Bench of Supreme Court of India in a case between State of West Bengal vs B.K. Mondlal reported at 1962 AIR (SC) 779. The same is law of the land and is binding on all including the DISCOMs. The claim of the DISCOMs that the energy injected beyond schedule is not entitled for consideration is contrary to law. Invariably, there would be variation between scheduled generation and actual generation and actual generation is entitled to be considered. Although the SLDC had issued the notice for over injection, considering the marginal deviation of schedule, SLDC did not choose to initiate any proceedings for the over injection as contemplated in Section 33 read with Section 143 of the Electricity Act, 2003. Therefore, the contention of the stakeholder is untenable.
- 3.7.13 The Commission, in the Tariff Order, had approved the target PLF for incentive as 85% and allowed the incentive to be billed in accordance with the CERC (Terms and Conditions of Tariff) Regulations, 2014. The incentive for

higher PLF is allowable in accordance with the PPA as well as the Regulations. The incentive for FY-2017-18 had been claimed considering the actual generation in place of scheduled generation as specified in the CERC (Terms and Conditions of Tariff) Regulations, 2014 as the Telangana State does not have balancing and settlement code for intra-State generators and the energy bills for state generators were allowed on actual energy injected into the grid as per Joint Meter Readings (JMRs). The Commission may allow the incentive claimed for FY 2017-18.

- 3.7.14 The DISCOMs submitted that the claims of taxes and duties were paid however, item wise acceptance of bills as per the PPA has not been confirmed. The taxes, duties and statutory charges are payable by the DISCOMs as per Article 5 of the PPA and the CERC (Terms and Conditions of Tariff) Regulations, 2014 and the Commission's Order dated 19.06.2017 does not restrict the reimbursement of the same by the DISCOMs.

***Commission's View***

- 3.7.15 The Commission has taken note of the stakeholders' submissions and the Petitioner's replies on billing disputes. The Commission's ruling on the billing disputes is detailed in Chapter 4.

**Contd...**

**CHAPTER 4  
ANALYSIS AND CONCLUSION ON TRUE-UP  
FOR FY 2016-17 TO FY 2018-19**

**4.1 REGULATORY PROVISIONS**

4.1.1 The Commission in the Tariff Order had adopted the CERC (Terms and Conditions of Tariff) Regulations, 2014 for tariff determination for FY 2016-17 to FY 2018-19. This approach of the Commission was challenged by SCCL in its Appeal No.312 of 2017 filed before the Hon'ble APTEL and the Appeal is sub-judice. SCCL filed the true-up for FY 2016-17 to FY 2018-19 considering the provisions of the CERC (Terms and Conditions of Tariff) Regulations, 2014 and also prayed for tariff determination as per Regulation No.1 of 2008. The Commission does not accept SCCL's prayer for consideration of Regulation No.1 of 2008 for FY 2016-17 to FY 2018-19 due to the Appeal pending before the Hon'ble APTEL. The Commission has carried out the true-up for FY 2016-17 to FY 2018-19 in accordance with the CERC (Terms and Conditions of Tariff) Regulations, 2014. The same shall be subject to the outcome of the Appeal No.312 of 2017 pending before the Hon'ble APTEL.

4.1.2 As regards true-up, Regulation 8 of the CERC (Terms and Conditions of Tariff) Regulations, 2014 stipulates as under:

**"8. Truing up**

*(1) The Commission shall carry out truing up exercise along with the tariff petition filed for the next tariff period, with respect to the capital expenditure including additional expenditure incurred up to 31.3.2019, as admitted by the Commission after prudence check at the time of truing up:*

....."

4.1.3 The true-up carried out by the Commission is detailed in the following paragraphs.

**4.2 BACKGROUND**

4.2.1 SCCL's Board, vide its minutes of meeting held on 19.07.2010 agreed in principle to the DPR of 2x600 MW coal based TPP at a capital cost of Rs.5527 Crore. The Government of undivided Andhra Pradesh, vide its letter dated 03.09.2010 had accorded the approval for setting up of 2x600 MW TPP in Jaipur Mandal in Mancherial (erstwhile Adilabad) District by SCCL with a capital cost of Rs.5527 Crore (updated to Rs.5685 Crore). SCCL's Board, in

its minutes of meeting held on 30.07.2013 had considered the revised cost estimates of Rs.7573.51 Crore and recommended for sanction of the Government. GoTS, vide its letter dated 25.04.2015 accorded the approval for the revised cost estimates of Rs.7573.51 Crore duly revising the earlier approval for Rs.5685 Crore. Units 1&2 achieved COD on 25.09.2016 and 02.12.2016 respectively thereby the project achieved COD on 02.12.2016. SCCL's Board, in its minutes of meeting held on 27.05.2017 accorded approval for the revised cost estimate of Rs.8584 Crore for obtaining sanction of GoTS. GoTS, vide its letter dated 23.09.2017 accorded approval for the revised cost estimate of Rs.8584 Crore duly revising the earlier approval for Rs.7573.51 Crore.

#### 4.3 CAPITAL COST APPROVED IN ORDER DATED 19.06.2017 IN O.P.No.9 OF 2016

4.3.1 The capital cost approved by the Commission in the Tariff Order is as shown in the Table below:

**Table 10: Capital cost approved in the Tariff Order**

| Sl. No. | Particulars  | Capital cost as on COD | Additional capitalisation (provisional) |            |            | Capital cost upto FY 2018-19 |
|---------|--|------------------------|---|------------|------------|------------------------------|
|         |  |                        | FY 2016-17                              | FY 2017-18 | FY 2018-19 |                              |
| 1       | Land and Site Development                          | 61.73                  | 7.44                                    | 0.00       | 15.83      | 85.00                        |
| 2       | BTG  | 4366.98                | 27.72                                   | 0.00       | 68.74      | 4463.44                      |
| 3       | BoP  | 835.71                 | 30.32                                   | 0.00       | 142.72     | 1008.75                      |
| 4       | External Water Supply System                       |                        |   |            |            |                              |
|         | 1 TMC from River Godavari                          | 83.48                  | 2.52                                    | 0.00       | 0.00       | 86.00                        |
|         | 2 TMC from River Pranahita                         | 0.00                   | 0.00                                    | 0.00       | 320.00     | 320.00                       |
| 5       | Raw Water Reservoir                                | 43.17                  | 5.05                                    | 0.00       | 18.78      | 67.00                        |
| 6       | Railway Siding                                     | 0.00                   | 0.00                                    | 0.00       | 80.00      | 80.00                        |
| 7       | Other Works undertaken by SCCL                     |                        |   |            |            |                              |
|         | Additional 400 kV Bays                             | 0.00                   | 28.69                                   | 0.00       | 0.00       | 28.69                        |
|         | Plant Roads & Culverts                             | 11.44                  | 0.27                                    | 0.00       | 8.29       | 20.00                        |
|         | Coal transport roads                               | 42.61                  | 1.50                                    | 0.00       | 12.37      | 56.48                        |
|         | Boundary Walls                                     | 16.94                  | 0.25                                    | 0.00       | 0.00       | 17.19                        |
|         | Gate complex, Security etc.                        | 0.23                   | 0.20                                    | 0.00       | 4.97       | 5.40                         |
|         | Township   | 52.18                  | 13.54                                   | 0.00       | 14.28      | 80.00                        |
|         | Environmental Impact measures                      | 0.79                   | 0.18                                    | 0.00       | 4.03       | 5.00                         |
|         | Mandatory capital expenditure under MoEF clearance | 9.45                   | 0.60                                    | 0.00       | 12.05      | 22.10                        |
|         | Weigh Bridge, Fire                                 | 0.42                   | 0.00                                    | 0.00       | 1.58       | 2.00                         |

| Sl. No. | Particulars                   | Capital cost as on COD | Additional capitalisation (provisional) |             |               | Capital cost upto FY 2018-19 |
|---------|-------------------------------|------------------------|---|-------------|---------------|------------------------------|
|         |                               |                        | FY 2016-17                              | FY 2017-18  | FY 2018-19    |                              |
|         | Tender etc.                   |                        |   |             |               |                              |
|         | Furniture & office automation | 2.37                   | 0.00                                    | 0.00        | 2.63          | 5.00                         |
|         | Miscellaneous expenditure     | 3.48                   | 0.33                                    | 0.00        | 1.19          | 5.00                         |
|         | <b>Sub-total (7)</b>          | <b>139.91</b>          | <b>45.56</b>                            | <b>0.00</b> | <b>61.39</b>  | <b>246.86</b>                |
| 8       | Overheads                     | 291.10                 | 6.24                                    | 0.00        | 37.23         | 334.57                       |
|         | <b>Total Hard Cost</b>        | <b>5822.08</b>         | <b>124.85</b>                           | <b>0.00</b> | <b>744.69</b> | <b>6691.62</b>               |
| 9       | IDC                           | 883.63                 | 0.00                                    | 0.00        | 0.00          | 883.63                       |
| 10      | <b>Total Capital Cost</b>     | <b>6705.71</b>         | <b>124.85</b>                           | <b>0.00</b> | <b>744.69</b> | <b>7575.25</b>               |

- 4.3.2 The above approved capital cost is excluding the undischarged liabilities as on COD amounting to Rs.443.81 Crore. As regards the same, the Commission in the Tariff Order ruled as under:

*"3.4.18 ..... On account of the above, the Commission, in this Order, has not considered the cost pertaining to discharge of liabilities pending as on COD. The Commission shall consider the same after finalization of the liability, in the approval of generation tariff for the next Control Period after prudence check of the information submitted by the Petitioner....."*

*"3.5.7 ..... On account of the above, the Commission, in this Order, has not considered the cost pertaining to discharge of pending liabilities as on COD. The Commission shall consider the same after finalization of the liability, in the approval of generation tariff for the next Control Period after prudence check of the information submitted by the Petitioner....."*

#### 4.4 CAPITAL COST AS ON COD OF THE PROJECT

- 4.4.1 The Commission in the Tariff Order had approved the capital cost as on COD of the project at Rs.6705.71 Crore. As against the same, SCCL claimed the capital cost of Rs.7114.82 Crore in its true-up claim. The Commission's approach on approval of capital cost has been challenged by SCCL in its Appeal No.312 of 2017 before the Hon'ble APTEL the Appeal is sub-judice. Therefore, the Commission does not find it prudent to revise the approved capital cost of Rs.6705.71 Crore as on COD of the project. The same shall be subject to the outcome of the Appeal No.312 of 2017 pending before the Hon'ble APTEL.

#### 4.5 ADDITIONAL CAPITALISATION FOR FY 2016-17 TO FY 2018-19

- 4.5.1 The Commission in the Tariff Order approved the provisional additional capitalisation for FY 2016-17 to FY 2018-19. The relevant extract of the Commission's Order is reproduced below:



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“3.15.2 The Commission observes that the additional capitalisation claimed by SCCL is towards deferred works within the original scope of work. The approach adopted by the Commission in approving the additional capitalisation is as under:

(i) The Commission has approved the package wise additional capitalisation based on the claim of SCCL subject to the total cost for the respective package is within the approved cost, provisionally.

(ii) The Commission has approved the overheads in the additional capitalisation limiting the same to 5% of the approved additional capitalisation for the respective years.

(iii) As discussed in the preceding paragraph, the Commission has not considered the finance charges in the additional capitalisation.”

4.5.2 The Commission's approach on approval of (provisional) additional capitalisation for FY 2016-17 to FY 2018-19 has been challenged by SCCL in its Appeal No.312 of 2017 before the Hon'ble APTEL and the Appeal is sub-judice. As there is no stay on the Commission's Order, the Commission deems it prudent to approve the additional capitalisation for FY 2016-17 to FY 2018-19 based on the audited figures submitted by SCCL in the instant Petition and in line with the principles adopted in the Tariff Order. The same shall be subject to the outcome of the Appeal No.312 of 2017 pending before the Hon'ble APTEL. Although the Commission had not approved the additional capitalisation for FY 2017-18 in the Tariff Order, as some part of additional capitalisation approved for FY 2018-19 has been actually incurred in FY 2017-18, the Commission deems it fit to approve the additional capitalisation for FY 2017-18 on true-up based on prudence check of SCCL's claims.

4.5.3 SCCL claimed the audited additional capitalisation, including discharge of liabilities as on COD of the project, as shown in the Table below:

**Table 11: Additional capitalisation claimed for FY 2016-17 to FY 2018-19**  
(Rs. Crore)

| Sl. No. | Particulars                  | Additional Capitalisation |                     |                          |                     |                          |                     |
|---------|------------------------------|---------------------------|---------------------|--------------------------|---------------------|--------------------------|---------------------|
|         |                              | FY 2016-17                |                     | FY 2017-18               |                     | FY 2018-19               |                     |
|         |                              | Approved in Tariff Order  | Claimed for true-up | Approved in Tariff Order | Claimed for true-up | Approved in Tariff Order | Claimed for true-up |
| 1       | Land and Site Development    | 7.44                      | 1.38                | 0.00                     | 0.17                | 15.83                    | 13.27               |
| 2       | BTG                          | 27.72                     | -11.23              | 0.00                     | 237.09              | 68.74                    | 222.68              |
| 3       | BoP                          | 30.32                     | 37.09               | 0.00                     | 73.50               | 142.72                   | -24.29              |
| 4       | External Water Supply System |                           |                     |                          |                     |                          |                     |
|         | 1 TMC from River Godavari    | 2.52                      | 0.48                | 0.00                     | 0.22                | 0.00                     | 0.04                |
|         | 2 TMC from River Pranahita   | 0.00                      | 0.00                | 0.00                     | 0.00                | 320.00                   | 319.35              |

| Sl. No. | Particulars  | Additional Capitalisation |                     |                          |                     |                          |                     |
|---------|--|---------------------------|---------------------|--------------------------|---------------------|--------------------------|---------------------|
|         |  | FY 2016-17                |                     | FY 2017-18               |                     | FY 2018-19               |                     |
|         |  | Approved in Tariff Order  | Claimed for true-up | Approved in Tariff Order | Claimed for true-up | Approved in Tariff Order | Claimed for true-up |
| 5       | Raw Water Reservoir                                | 5.05                      | 2.90                | 0.00                     | 5.41                | 18.78                    | 3.09                |
| 6       | Railway Siding                                     | 0.00                      | 0.00                | 0.00                     | 0.00                | 80.00                    | 322.57              |
| 7       | Other Works undertaken by SCCL                     |                           |                     |                          |                     |                          |                     |
|         | Additional 400 kV Bays                             | 28.69                     | 0.00                | 0.00                     | 28.70               | 0.00                     | 2.04                |
|         | Plant Roads & Culverts                             | 0.27                      | 0.31                | 0.00                     | 0.59                | 8.29                     | 0.35                |
|         | Coal transport roads                               | 1.50                      | 3.11                | 0.00                     | -1.09               | 12.37                    | -0.68               |
|         | Boundary Walls                                     | 0.25                      | 0.25                | 0.00                     | 0.00                | 0.00                     | 0.00                |
|         | Gate complex, Security etc.                        | 0.20                      | 0.37                | 0.00                     | 0.85                | 4.97                     | 0.07                |
|         | Township   | 13.54                     | 11.32               | 0.00                     | 26.80               | 14.28                    | 19.23               |
|         | Environmental Impact measures                      | 0.18                      | -0.01               | 0.00                     | 0.09                | 4.03                     | 0.38                |
|         | Mandatory capital expenditure under MoEF clearance | 0.60                      | 0.60                | 0.00                     | 0.68                | 12.05                    | 3.11                |
|         | Weigh Bridge, Fire Tender etc.                     | 0.00                      | 0.03                | 0.00                     | 0.00                | 1.58                     | 1.04                |
|         | Furniture & office automation                      | 0.00                      | -0.19               | 0.00                     | 0.54                | 2.63                     | 2.06                |
|         | Miscellaneous expenditure                          | 0.33                      | 0.51                | 0.00                     | 0.51                | 1.19                     | 2.81                |
|         | <b>Sub-total (7)</b>                               | <b>45.56</b>              | <b>16.30</b>        | <b>0.00</b>              | <b>57.67</b>        | <b>61.39</b>             | <b>30.41</b>        |
| 8       | Overheads  | 6.24                      | 31.59               | 0.00                     | 5.86                | 37.23                    | -0.37               |
|         | <b>Total Hard Cost</b>                             | <b>124.85</b>             | <b>78.51</b>        | <b>0.00</b>              | <b>379.92</b>       | <b>744.69</b>            | <b>886.75</b>       |
| 9       | Interest During Construction & financing charges   |                           | 17.14               | 0.00                     | 21.55               | 0.00                     | -37.69              |
| 10      | <b>Total Capital Cost</b>                          | <b>124.85</b>             | <b>95.65</b>        | <b>0.00</b>              | <b>401.47</b>       | <b>744.69</b>            | <b>849.06</b>       |

4.5.4 SCCL's claim of additional capitalisation and the Commission's approval is detailed in the following paragraphs.

#### 4.6 LAND AND SITE DEVELOPMENT

##### *Petitioner's submission*

4.6.1 SCCL claimed the additional capitalisation of Rs.1.38 Crore, Rs.0.17 Crore and Rs.13.27 Crore for FY 2016-17, FY 2017-18 and FY 2018-19 respectively towards land and site development.

##### *Commission's View*

4.6.2 The Commission, in the Tariff Order, had approved the total cost of land and site development at Rs.85.00 Crore and the cost upto project COD at 61.73 Crore. As against the approved additional capitalisation of Rs.7.44 Crore and Rs.15.83 Crore for FY 2016-17 and FY 2018-19 respectively, SCCL claimed the additional capitalisation of Rs.1.38 Crore, Rs.0.17 Crore and Rs.13.27 Crore for FY 2016-17, FY 2017-18 and FY 2018-19 respectively. SCCL claimed the land and site development cost of Rs.76.55 Crore upto FY 2018-

19 as against the approved total cost of Rs.85.00 Crore. As the claimed cost is lower than the total cost approved, the Commission approves SCCL's claim of additional capitalisation towards land and site development.

- 4.6.3 The cost of land and site development claimed by SCCL and approved by the Commission upto FY 2018-19 is as shown in the Table below:

**Table 12: Land and site development cost upto FY 2018-19**

| (Rs. Crore)                                    |                             |                        |                        |
|--|-----------------------------|------------------------|------------------------|
| Particulars                                    | Approved in<br>Tariff Order | Claimed for<br>true-up | Approved<br>on true-up |
| Total cost                                     | 85.00                       | -                      | -                      |
| <b>Cost upto project COD (A)</b>               | <b>61.73</b>                | <b>61.73</b>           | <b>61.73</b>           |
| Additional capitalisation                      |                             |                        |                        |
| FY 2016-17                                     | 7.44                        | 1.38                   | 1.38                   |
| FY 2017-18                                     | 0.00                        | 0.17                   | 0.17                   |
| FY 2018-19                                     | 15.83                       | 13.27                  | 13.27                  |
| <b>Total additional<br/>capitalisation (B)</b> | <b>23.27</b>                | <b>14.82</b>           | <b>14.82</b>           |
| <b>Total cost upto FY 2018-19<br/>(A+B)</b>    | <b>85.00</b>                | <b>76.55</b>           | <b>76.55</b>           |

#### 4.7 BOILER, TURBINE AND GENERATOR (BTG)

##### *Petitioner's submission*

- 4.7.1 SCCL claimed the additional capitalisation of Rs.-11.23 Crore, Rs.237.09 Crore and Rs.222.68 Crore for FY 2016-17, FY 2017-18 and FY 2018-19 respectively towards BTG.

##### *Commission's View*

- 4.7.2 The Commission, in the Tariff Order dated 19.06.2017, had approved the total cost of BTG at Rs.4463.44 Crore and the cost upto project COD at Rs.4366.98 Crore. This approved cost was after deducting the undischarged liabilities to the tune of Rs.414.56 Crore as on project COD. As against the approved additional capitalisation of Rs.27.72 Crore and Rs.68.74 Crore for FY 2016-17 and FY 2018-19 respectively, SCCL claimed the additional capitalisation of Rs.-11.23 Crore, Rs.237.09 Crore and Rs.222.68 Crore for FY 2016-17, FY 2017-18 and FY 2018-19 respectively. The claimed additional capitalisation of inclusive of liabilities as on COD discharged to the tune of Rs.-1.83 Crore, Rs.237.09 Crore and Rs.145.34 Crore in FY 2016-17, FY 2017-18 and FY 2018-19 respectively.

- 4.7.3 The Commission, in the Tariff Order, directed SCCL as under:
- "3.4.16 ..... the Commission directs SCCL to submit the compilation of all the price variation bills along with its Petition for approval of generation tariff for the next Control Period."*
- "3.4.18 ..... the Commission directs SCCL to submit the Performance Guarantee Test Reports after completion of the same along with the amount of Liquidated Damages, if levied any, along with its Tariff Petition for the next Control Period."*
- 4.7.4 SCCL submitted the compilation of price variation bills, the copies of Performance Guarantee Test Reports and acceptance letters of NTPC and SCCL for the same.
- 4.7.5 The Commission in the Tariff Order had approved the price variation of Rs.706 Crore towards BTG package. In the instant Petition, SCCL submitted the price variation of Rs.780.28 Crore towards BTG package. SCCL submitted that the price variation amounting to Rs.706 Crore is exclusive of taxes & duties and the amount of Rs.780.28 Crore is inclusive of taxes and duties. SCCL submitted that the price variation is applicable on supplies and civil works with a maximum limit of 20% and there is no limit on erection and structural works. The Commission has taken note of SCCL's submissions.
- 4.7.6 SCCL submitted that the liquidated damages imposed for BTG contract is Rs.27.73 Crore (excluding taxes and duties) which translates to Rs.32.72 Crore including taxes and duties. The stakeholders submitted that the liquidated damages should be deducted from the capital cost to which SCCL replied that the liquidated damages have to be set off against the disallowance of IDC. The Commission, in its Order dated 19.06.2017 in O.P.No.9 of 2016 had disallowed IDC to the tune of Rs.323.12 Crore corresponding to the delay that was not condoned. As the Commission had disallowed IDC for delay if SCCL levies liquidated damages over and above the amount of IDC disallowed by the Commission, such excess amount shall be deducted from the capital cost.
- 4.7.7 SCCL claimed the BTG cost of Rs.4815.52 Crore upto FY 2018-19 as against the approved total cost of Rs.4878.00 Crore (including undischarged liabilities). As the claimed cost is lower than the total cost approved, the Commission approves SCCL's claim of additional capitalisation towards BTG.

- 4.7.8 The BTG cost claimed by SCCL and approved by the Commission upto FY 2018-19 is as shown in the Table below:

**Table 13: BTG cost upto FY 2018-19**

(Rs. Crore)

| Particulars                                | Approved in<br>Tariff Order | Claimed for<br>true-up | Approved<br>on true-up |
|--|-----------------------------|------------------------|------------------------|
| Total cost                                 | 4878.00                     | -                      | -                      |
| Less: Undischarged liabilities             | 414.56                      | -                      | -                      |
| Cost excluding undischarged liabilities    | 4463.44                     | -                      | -                      |
| <b>Cost upto project COD (A)</b>           | <b>4366.98</b>              | <b>4366.98</b>         | <b>4366.98</b>         |
| Additional capitalisation                  |                             |                        |                        |
| FY 2016-17                                 | 27.72                       | -11.23                 | -11.23                 |
| FY 2017-18                                 | 0.00                        | 237.09                 | 237.09                 |
| FY 2018-19                                 | 68.74                       | 222.68                 | 222.68                 |
| <b>Total additional capitalisation (B)</b> | <b>96.46</b>                | <b>448.54</b>          | <b>448.54</b>          |
| <b>Total cost upto FY 2018-19 (A+B)</b>    | <b>4463.44</b>              | <b>4815.52</b>         | <b>4815.52</b>         |

#### 4.8 BALANCE OF PLANT (BoP)

##### *Petitioner's submission*

- 4.8.1 SCCL claimed the additional capitalisation of Rs.37.09 Crore, Rs.73.50 Crore and Rs.-24.29 Crore for FY 2016-17, FY 2017-18 and FY 2018-19 respectively towards BoP.

##### *Commission's View*

- 4.8.2 The Commission, in the Tariff Order, had approved the total cost of BoP at Rs.1008.75 Crore and the cost upto project COD at Rs.835.71 Crore. This approved cost was after deducting the undischarged liabilities to the tune of Rs.29.25 Crore as on project COD. As against the approved additional capitalisation of Rs.30.32 Crore and Rs.142.72 Crore for FY 2016-17 and FY 2018-19 respectively, SCCL claimed the additional capitalisation of Rs.37.09 Crore, Rs.73.50 Crore and Rs.(-)24.29 Crore for FY 2016-17, FY 2017-18 and FY 2018-19 respectively. The claimed additional capitalisation of inclusive of liabilities as on COD discharged to the tune of Rs.24.95 Crore, Rs.(-)26.82 Crore and Rs.(-)54.14 Crore in FY 2016-17, FY 2017-18 and FY 2018-19 respectively.

- 4.8.3 The Commission, in the Tariff Order, directed SCCL as under:

*"3.5.5 ..... the Commission directs SCCL to submit the compilation of all the price variation bills along with its Petition for approval of generation tariff for the next Control Period."*

*"3.5.7 ..... the Commission directs SCCL to submit the Performance Guarantee Test Reports after completion of the same along with the amount of Liquidated Damages, if any levied, along with its Tariff Petition for the next Control Period."*

- 4.8.4 SCCL submitted the compilation of price variation bills, the copies of Performance Guarantee Test Reports.
- 4.8.5 The Commission in the Tariff Order had approved the price variation of Rs.65 Crore towards BoP package. In the instant Petition, SCCL submitted the price variation of Rs.60.36 Crore. SCCL submitted that the price variation amounting to Rs.65 Crore was an estimated amount and the amount of Rs.60.36 Crore is based on actuals. SCCL submitted that the amount of Rs.2.5 Crore is to be paid post FY 2018-19. The Commission has taken note of SCCL's submissions.
- 4.8.6 SCCL submitted that the liquidated damages imposed for BoP contract is Rs.97.30 Crore (excluding taxes and duties) and Rs.114.81 Crore including taxes and duties. SCCL further submitted that the BoP contractor had registered disagreement to imposition of liquidated damages and the matter is sub-judice before the Arbitration Tribunal. The stakeholders submitted that the liquidated damages should be deducted from the capital cost to which SCCL replied that the liquidated damages have to be set off against the disallowance of IDC. The Commission, in its Order dated 19.06.2017 in O.P.No.9 of 2016 had disallowed IDC to the tune of Rs.323.12 Crore corresponding to the delay that was not condoned. As the Commission had disallowed IDC for delay if SCCL levies liquidated damages over and above the amount of IDC disallowed by the Commission, such excess amount shall be deducted from the capital cost.
- 4.8.7 SCCL claimed the BoP cost of Rs.922.01 Crore upto FY 2018-19 as against the approved total cost of Rs.1038.00 Crore (including undischarged liabilities). As the claimed cost is lower than the total cost approved, the Commission approves SCCL's claim of additional capitalisation towards BoP.
- 4.8.8 The BoP cost claimed by SCCL and approved by the Commission upto FY

2018-19 is as shown in the Table below:

**Table 14: BoP cost upto FY 2018-19**

(Rs. Crore)

| Particulars                                | Approved in<br>Tariff Order | Claimed for<br>true-up | Approved<br>on true-up |
|--|-----------------------------|------------------------|------------------------|
| Total cost                                 | 1038.00                     | -                      | -                      |
| Less: Undischarged liabilities             | 29.25                       | -                      | -                      |
| Cost excluding undischarged liabilities    | 1008.75                     | -                      | -                      |
| <b>Cost upto project COD (A)</b>           | <b>835.71</b>               | <b>835.71</b>          | <b>835.71</b>          |
| Additional capitalisation                  |                             |                        |                        |
| FY 2016-17                                 | 30.32                       | 37.09                  | 37.09                  |
| FY 2017-18                                 | 0.00                        | 73.50                  | 73.50                  |
| FY 2018-19                                 | 142.72                      | -24.29                 | -24.29                 |
| <b>Total additional capitalisation (B)</b> | <b>173.04</b>               | <b>86.30</b>           | <b>86.30</b>           |
| <b>Total cost upto FY 2018-19 (A+B)</b>    | <b>1008.75</b>              | <b>922.01</b>          | <b>922.01</b>          |

#### 4.9 EXTERNAL WATER SUPPLY SYSTEM

##### *Petitioner's submission*

- 4.9.1 SCCL claimed the additional capitalisation of Rs.0.48 Crore, Rs.0.22 Crore and Rs.319.39 Crore for FY 2016-17, FY 2017-18 and FY 2018-19 respectively towards external water supply system.

##### *Commission's View*

- 4.9.2 The Commission, in the Tariff Order, had approved the total cost of external water supply system at Rs.406.00 Crore and the cost upto project COD at 83.48 Crore. As against the approved additional capitalisation of Rs.2.52 Crore and Rs.320.00 Crore for FY 2016-17 and FY 2018-19 respectively, SCCL claimed the additional capitalisation of Rs.0.48 Crore, Rs.0.22 Crore and Rs.319.39 Crore for FY 2016-17, FY 2017-18 and FY 2018-19 respectively. SCCL claimed the external water supply system cost of Rs.403.57 Crore upto FY 2018-19 as against the approved total cost of Rs.406.00 Crore. As the claimed cost is lower than the total cost approved, the Commission approves SCCL's claim of additional capitalisation towards external water supply system.
- 4.9.3 The cost of external water supply system claimed by SCCL and approved by the Commission upto FY 2018-19 is as shown in the Table below:

**Table 15: External water supply system cost upto FY 2018-19***(Rs. Crore)*

| Particulars                                    | Approved in<br>Tariff Order | Claimed for<br>true-up | Approved<br>on true-up |
|--|-----------------------------|------------------------|------------------------|
| Total cost                                     | 406.00                      | -                      | -                      |
| <b>Cost upto project COD (A)</b>               | <b>83.48</b>                | <b>83.48</b>           | <b>83.48</b>           |
| Additional capitalisation                      |                             |                        |                        |
| FY 2016-17                                     | 2.52                        | 0.48                   | 0.48                   |
| FY 2017-18                                     | 0.00                        | 0.22                   | 0.22                   |
| FY 2018-19                                     | 320.00                      | 319.39                 | 319.39                 |
| <b>Total additional<br/>capitalisation (B)</b> | <b>322.52</b>               | <b>320.09</b>          | <b>320.09</b>          |
| <b>Total cost upto FY 2018-19<br/>(A+B)</b>    | <b>406.00</b>               | <b>403.57</b>          | <b>403.57</b>          |

**4.10 RAW WATER RESERVOIR*****Petitioner's submission***

- 4.10.1 SCCL claimed the additional capitalisation of Rs.2.90 Crore, Rs.5.41 Crore and Rs.3.09 Crore for FY 2016-17, FY 2017-18 and FY 2018-19 respectively towards raw water reservoir.

***Commission's View***

- 4.10.2 The Commission, in the Tariff Order, had approved the total cost of raw water reservoir at Rs.67.00 Crore and the cost upto project COD at 43.17 Crore. As against the approved additional capitalisation of Rs.5.05 Crore and Rs.18.78 Crore for FY 2016-17 and FY 2018-19 respectively, SCCL claimed the additional capitalisation of Rs.2.90 Crore, Rs.5.41 Crore and Rs.3.09 Crore for FY 2016-17, FY 2017-18 and FY 2018-19 respectively. SCCL claimed the raw water reservoir cost of Rs.54.57 Crore upto FY 2018-19 as against the approved total cost of Rs.67.00 Crore. As the claimed cost is lower than the total cost approved, the Commission approves SCCL's claim of additional capitalisation towards raw water reservoir.
- 4.10.3 The cost of raw water reservoir claimed by SCCL and approved by the Commission upto FY 2018-19 is as shown in the Table below:

**Table 16: Raw water reservoir cost upto FY 2018-19***(Rs. Crore)*

| Particulars                      | Approved in<br>Tariff Order | Claimed for<br>true-up | Approved<br>on true-up |
|----------------------------------|-----------------------------|------------------------|------------------------|
| Total cost                       | 67.00                       | -                      | -                      |
| <b>Cost upto project COD (A)</b> | <b>43.17</b>                | <b>43.17</b>           | <b>43.17</b>           |



| Particulars                                    | Approved in<br>Tariff Order | Claimed for<br>true-up | Approved<br>on true-up |
|--|-----------------------------|------------------------|------------------------|
| Additional capitalisation                      |                             |                        |                        |
| FY 2016-17                                     | 5.05                        | 2.90                   | 2.90                   |
| FY 2017-18                                     | 0.00                        | 5.41                   | 5.41                   |
| FY 2018-19                                     | 18.78                       | 3.09                   | 3.09                   |
| <b>Total additional<br/>capitalisation (B)</b> | <b>23.83</b>                | <b>11.40</b>           | <b>11.40</b>           |
| <b>Total cost upto FY 2018-19<br/>(A+B)</b>    | <b>67.00</b>                | <b>54.57</b>           | <b>54.57</b>           |

#### 4.11 RAILWAY SIDING

##### *Petitioner's submission*

- 4.11.1 SCCL claimed the additional capitalisation of Rs.322.57 Crore for FY 2018-19 towards railway siding.

##### *Commission's View*

- 4.11.2 The Commission, in the Tariff Order, had approved the total cost of railway siding as Rs.80.00 Crore and the cost upto project COD at Rs.0.00 Crore. As against the approved additional capitalisation of Rs.80.00 Crore SCCL claimed the additional capitalisation of Rs.322.57 Crore for FY 2018-19. SCCL submitted that the claimed cost towards railway siding is without considering the accounting for the grant claimed/received and the CCDAC grant amounting to Rs.84.19 Crore was received till 31.03.2019 against the claim of Rs.162.22 Crore.

- 4.11.3 As regards railway siding, SCCL's submission and Commission's ruling in the Tariff Order are as under:

*"3.8.3(iii) The total estimated cost of railway siding is Rs.276 Crore. SCCL being a coal company has applied to the Coal Controller, Ministry of Coal for funds to the tune of 70% of the cost of the railway siding. The fund created out of the Stowing Excise Duty of Rs.10/MT is utilized for roads and railway lines, protective works, sand stowing operations etc. being developed in the mining areas for evacuation of coal. Normally, 70% of these works shall be paid to Coal Companies as a grant/assistance. Accordingly, SCCL, in its Petition, has claimed the cost of Railway Siding as Rs.80 Crore which was subsequently revised to Rs.113.32 Crore."*

*"3.8.6 SCCL in its revised submissions dated 03.04.2017 claimed the cost of railway siding as Rs.113.32 Crore in FY 2016-17. Whereas during the Public Hearing, SCCL submitted that part of land required for railway siding is under acquisition and the railway siding works will be completed by March, 2018."*

3.8.7 After perusal of the submission in this regard, the Commission finds it prudent to approve the cost of Railway Siding as Rs.80 Crore in FY 2018-19, as submitted by SCCL during the Public Hearing. The Commission shall take an appropriate view on allowing shortfall, if any, in funds from the Coal Controller on this account from that envisaged in this Order during the truing up of additional capitalisation."

4.11.4 The cost of railway siding has increased from Rs.276.00 Crore to Rs.322.56 Crore. SCCL submitted the reasons for this increase as under:

- In compliance to the revised guidelines from Indian Railways, the top width of the embankment was increased from 6.85 m to 7.85 m and the bottom width was increased from 9.25 m to 10.25 m. Rock requiring blasting had increased due to these changes.
- Further, the tracks in the yards are spaced at 12 m (instead of 6 m) and the requirement of earth work quantities have increased due to this change.
- National Highways Authority of India (NHAI) had insisted for construction of RUBs on National Highway (NH) 63 with 2m x 24.20m span whereas the RUBs were originally planned to be constructed with 2m x 18.30m span.
- One additional bridge of 2m x 12.20m span was included during tendering stage for movement of dumpers at SRP-OCP.
- Railways had revised the depth of piles from 12m to 25m for the bridge on Rasulpalli vagu.
- Implementation of Goods and Services Tax (GST) w.e.f. 01.07.2017, revised royalty charges, District Mineral Foundation Trust (DMFT), State Mineral Exploration Trust (SMET), PVC etc.

4.11.5 SCCL has not submitted any supporting documents to substantiate the increase in railway siding cost from Rs.276.00 Crore to Rs.322.56 Crore. In the absence of supporting documents, the Commission does not find it prudent to approve the revised railway siding cost of Rs.322.56 Crore. As against the cost of Rs.322.57 Crore, the grant portion is Rs.162.22 Crore which works out to 50.29% of the cost whereas SCCL, in its Petition in O.P.No.9 of 2016 submitted that the grants portion would be to the extent of 70% of the cost. SCCL has not submitted any justification for the variation in grants portion. In light of the above, the Commission approves the cost of Rs.80.00 Crore towards railway siding, same as approved in the Tariff Order.

4.11.6 The cost of railway siding claimed by SCCL and approved by the Commission upto FY 2018-19 is as shown in the Table below:

**Table 17: Railway siding cost upto FY 2018-19***(Rs. Crore)*

| Particulars                                    | Approved in<br>Tariff Order | Claimed for<br>true-up | Approved<br>on true-up |
|--|-----------------------------|------------------------|------------------------|
| Total cost                                     | 80.00                       | -                      | -                      |
| <b>Cost upto project COD (A)</b>               | <b>0.00</b>                 | <b>0.00</b>            | <b>0.00</b>            |
| Additional capitalisation                      |                             |                        |                        |
| FY 2016-17                                     | 0.00                        | 0.00                   | 0.00                   |
| FY 2017-18                                     | 0.00                        | 0.00                   | 0.00                   |
| FY 2018-19                                     | 80.00                       | 322.57                 | 80.00                  |
| <b>Total additional<br/>capitalisation (B)</b> | <b>80.00</b>                | <b>322.57</b>          | <b>80.00</b>           |
| <b>Total cost upto FY 2018-19<br/>(A+B)</b>    | <b>80.00</b>                | <b>322.57</b>          | <b>80.00</b>           |

**4.12 OTHER WORKS UNDERTAKEN BY SCCL*****Petitioner's submission***

- 4.12.1 SCCL claimed the additional capitalisation of Rs.16.30 Crore, Rs.57.67 Crore and Rs.30.41 for FY 2016-17, FY 2017-18 and FY 2018-19 respectively towards other works.

***Commission's View***

- 4.12.2 The Commission, in the Tariff Order, had approved the total cost of other works at Rs.246.86 Crore and the cost upto project COD at Rs.139.91 Crore. As against the approved additional capitalisation of Rs.45.56 Crore and Rs.61.39 Crore for FY 2016-17 and FY 2018-19 respectively, SCCL claimed the additional capitalisation of Rs.16.30 Crore, Rs.57.67 Crore and Rs.30.41 for FY 2016-17, FY 2017-18 and FY 2018-19 respectively. The item wise details of additional capitalisation claimed towards other works is discussed in the following paragraphs.

**Additional 400 kV Bays**

- 4.12.3 The Commission, in the Tariff Order, had approved the total cost of additional 400 kV Bays at Rs.28.69 Crore and the cost upto project COD at Rs.0.00 Crore. As against the approved additional capitalisation of Rs.28.69 Crore for FY 2016-17, SCCL claimed the additional capitalisation of Rs.28.70 Crore and Rs.2.04 for FY 2017-18 and FY 2018-19 respectively. SCCL claimed the additional 400 kV Bays cost of Rs.30.74 Crore upto FY 2018-19 as against the approved total cost of Rs.28.69 Crore. SCCL has not submitted any

justification for the increase in this cost. Therefore, the Commission approves the additional 400 kV Bays cost as Rs.28.69 Crore same as approved in the Tariff Order.

- 4.12.4 The cost of additional 400 kV Bays claimed by SCCL and approved by the Commission upto FY 2018-19 is as shown in the Table below:

**Table 18: Additional 400 kV Bays cost upto FY 2018-19**

| (Rs. Crore)                                |                          |                     |                     |
|--|--------------------------|---------------------|---------------------|
| Particulars                                | Approved in Tariff Order | Claimed for true-up | Approved on true-up |
| Total cost                                 | 28.69                    | -                   | -                   |
| <b>Cost upto project COD (A)</b>           | <b>0.00</b>              | <b>0.00</b>         | <b>0.00</b>         |
| Additional capitalisation                  |                          |                     |                     |
| FY 2016-17                                 | 28.69                    | 0.00                | 0.00                |
| FY 2017-18                                 | 0.00                     | 28.70               | 28.69               |
| FY 2018-19                                 | 0.00                     | 2.04                | 0.00                |
| <b>Total additional capitalisation (B)</b> | <b>28.69</b>             | <b>30.74</b>        | <b>28.69</b>        |
| <b>Total cost upto FY 2018-19 (A+B)</b>    | <b>28.69</b>             | <b>30.74</b>        | <b>28.69</b>        |

#### **Plant roads & culverts**

- 4.12.5 The Commission, in the Tariff Order, had approved the total cost of plant roads & culverts at Rs.20.00 Crore and the cost upto project COD at Rs.11.44 Crore. As against the approved additional capitalisation of Rs.0.27 Crore and Rs.8.29 Crore for FY 2016-17 and FY 2018-19 respectively, SCCL claimed the additional capitalisation of Rs.0.31 Crore, Rs.0.59 Crore and Rs.0.35 for FY 2016-17, FY 2017-18 and FY 2018-19 respectively. SCCL claimed the plant roads & culverts cost of Rs.12.69 Crore upto FY 2018-19 as against the approved total cost of Rs.20.00 Crore. As the claimed cost is lower than the total cost approved, the Commission approves SCCL's claim of additional capitalisation towards plant roads & culverts.
- 4.12.6 The cost of plant roads & culverts claimed by SCCL and approved by the Commission upto FY 2018-19 is as shown in the Table below:

**Table 19: Plant roads & culverts cost upto FY 2018-19**

| (Rs. Crore)                      |                          |                     |                     |
|----------------------------------|--------------------------|---------------------|---------------------|
| Particulars                      | Approved in Tariff Order | Claimed for true-up | Approved on true-up |
| Total cost                       | 20.00                    | -                   | -                   |
| <b>Cost upto project COD (A)</b> | <b>11.44</b>             | <b>11.44</b>        | <b>11.44</b>        |
| Additional capitalisation        |                          |                     |                     |

| Particulars                                    | Approved in<br>Tariff Order | Claimed for<br>true-up | Approved<br>on true-up |
|--|-----------------------------|------------------------|------------------------|
| FY 2016-17                                     | 0.27                        | 0.31                   | 0.31                   |
| FY 2017-18                                     | 0.00                        | 0.59                   | 0.59                   |
| FY 2018-19                                     | 8.29                        | 0.35                   | 0.35                   |
| <b>Total additional<br/>capitalisation (B)</b> | <b>8.56</b>                 | <b>1.25</b>            | <b>1.25</b>            |
| <b>Total cost upto FY 2018-19<br/>(A+B)</b>    | <b>20.00</b>                | <b>12.69</b>           | <b>12.69</b>           |

#### Coal transport roads

4.12.7 The Commission, in the Tariff Order, had approved the total cost of coal transport roads at Rs.56.48 Crore and the cost upto project COD at Rs.42.61 Crore. As against the approved additional capitalisation of Rs.1.50 Crore and Rs.12.37 Crore for FY 2016-17 and FY 2018-19 respectively, SCCL claimed the additional capitalisation of Rs.3.11 Crore, Rs.(-)1.09 Crore and Rs.(-)0.68 for FY 2016-17, FY 2017-18 and FY 2018-19 respectively. SCCL claimed the coal transport roads cost of Rs.43.95 Crore upto FY 2018-19 as against the approved total cost of Rs.56.48 Crore. As the claimed cost is lower than the total cost approved, the Commission approves SCCL's claim of additional capitalisation towards coal transport roads.

4.12.8 The cost of coal transport roads claimed by SCCL and approved by the Commission upto FY 2018-19 is as shown in the Table below:

**Table 20: Coal transport roads cost upto FY 2018-19**

| Particulars                                    | Approved in<br>Tariff Order | Claimed for<br>true-up | Approved<br>on true-up |
|--|-----------------------------|------------------------|------------------------|
| Total cost                                     | 56.48                       | -                      | -                      |
| <b>Cost upto project COD (A)</b>               | <b>42.61</b>                | <b>42.61</b>           | <b>42.61</b>           |
| Additional capitalisation                      |                             |                        |                        |
| FY 2016-17                                     | 1.50                        | 3.11                   | 3.11                   |
| FY 2017-18                                     | 0.00                        | -1.09                  | -1.09                  |
| FY 2018-19                                     | 12.37                       | -0.68                  | -0.68                  |
| <b>Total additional<br/>capitalisation (B)</b> | <b>13.87</b>                | <b>1.34</b>            | <b>1.34</b>            |
| <b>Total cost upto FY 2018-19<br/>(A+B)</b>    | <b>56.48</b>                | <b>43.95</b>           | <b>43.95</b>           |

#### Boundary walls

4.12.9 The Commission, in the Tariff Order, had approved the total cost of boundary walls at Rs.17.19 Crore and the cost upto project COD at Rs.16.94 Crore. As

against the approved additional capitalisation of Rs 0.25 Crore, SCCL claimed the additional capitalisation of Rs.0.25 Crore for FY 2016-17. SCCL claimed the boundary walls cost of Rs.17.19 Crore upto FY 2018-19 as against the approved total cost of Rs.17.19 Crore. As the claimed cost is equal to the total cost approved, the Commission approves SCCL's claim of additional capitalisation towards boundary walls.

4.12.10 The cost of boundary walls claimed by SCCL and approved by the Commission upto FY 2018-19 is as shown in the Table below:

**Table 21: Boundary walls cost upto FY 2018-19**

| Particulars                                    | (Rs. Crore)                 |                        |                        |
|--|-----------------------------|------------------------|------------------------|
|  | Approved in<br>Tariff Order | Claimed for<br>true-up | Approved<br>on true-up |
| Total cost                                     | 17.19                       | -                      | -                      |
| <b>Cost upto project COD (A)</b>               | <b>16.94</b>                | <b>16.94</b>           | <b>16.94</b>           |
| Additional capitalisation                      |                             |                        |                        |
| FY 2016-17                                     | 0.25                        | 0.25                   | 0.25                   |
| FY 2017-18                                     | 0.00                        | 0.00                   | 0.00                   |
| FY 2018-19                                     | 0.00                        | 0.00                   | 0.00                   |
| <b>Total additional<br/>capitalisation (B)</b> | <b>0.25</b>                 | <b>0.25</b>            | <b>0.25</b>            |
| <b>Total cost upto FY 2018-19<br/>(A+B)</b>    | <b>17.19</b>                | <b>17.19</b>           | <b>17.19</b>           |

**Gate complex, security etc.**

4.12.11 The Commission, in the Tariff Order, had approved the total cost of gate complex, security etc. at Rs.5.40 Crore and the cost upto project COD at Rs.0.23 Crore. As against the approved additional capitalisation of Rs.0.20 Crore and Rs.4.97 Crore for FY 2016-17 and FY 2018-19 respectively, SCCL claimed the additional capitalisation of Rs.0.37 Crore, Rs.0.85 Crore and Rs.0.07 Crore for FY 2016-17, FY 2017-18 and FY 2018-19 respectively. SCCL claimed the cost of Rs.1.52 Crore upto FY 2018-19 as against the approved total cost of Rs.5.40 Crore. As the claimed cost is lower than the total cost approved, the Commission approves SCCL's claim of additional capitalisation towards gate complex, security etc.

4.12.12 The cost of gate complex, security etc. claimed by SCCL and approved by the Commission upto FY 2018-19 is as shown in the Table below:

**Table 22: Gate complex, security etc. cost upto FY 2018-19**

(Rs. Crore)

| Particulars                                    | Approved in<br>Tariff Order | Claimed for<br>true-up | Approved<br>on true-up |
|--|-----------------------------|------------------------|------------------------|
| Total cost                                     | 5.40                        | -                      | -                      |
| <b>Cost upto project COD (A)</b>               | <b>0.23</b>                 | <b>0.23</b>            | <b>0.23</b>            |
| Additional capitalisation                      |                             |                        |                        |
| FY 2016-17                                     | 0.20                        | 0.37                   | 0.37                   |
| FY 2017-18                                     | 0.00                        | 0.85                   | 0.85                   |
| FY 2018-19                                     | 4.97                        | 0.07                   | 0.07                   |
| <b>Total additional<br/>capitalisation (B)</b> | <b>5.17</b>                 | <b>1.29</b>            | <b>1.29</b>            |
| <b>Total cost upto FY 2018-19<br/>(A+B)</b>    | <b>5.40</b>                 | <b>1.52</b>            | <b>1.52</b>            |

### Township

4.12.13 The Commission, in the Tariff Order, had approved the total cost of township at Rs.80.00 Crore and the cost upto project COD at Rs.52.18 Crore. As against the approved additional capitalisation of Rs.13.54 Crore and Rs.14.28 Crore for FY 2016-17 and FY 2018-19 respectively, SCCL claimed the additional capitalisation of Rs.11.32 Crore, Rs.26.80 Crore and Rs.19.23 Crore for FY 2016-17, FY 2017-18 and FY 2018-19 respectively. SCCL claimed the township cost of Rs.109.53 Crore upto FY 2018-19 as against the approved total cost of Rs.80.00 Crore. The Commission's approval of township cost has been challenged by SCCL in its Appeal No.312 of 2017 before the Hon'ble APTEL and the Appeal is sub-judice. Therefore, the Commission does not find it prudent to revise the approved township cost of Rs.80.00 Crore. The same shall be subject to the outcome of the Appeal No.312 of 2017 pending before the Hon'ble APTEL.

4.12.14 The cost of township claimed by SCCL and approved by the Commission upto FY 2018-19 is as shown in the Table below:

**Table 23: Township cost upto FY 2018-19**

| Particulars                                    | (Rs. Crore)                 |                        |                        |
|--|-----------------------------|------------------------|------------------------|
|  | Approved in<br>Tariff Order | Claimed for<br>true-up | Approved<br>on true-up |
| Total cost                                     | 80.00                       | -                      | -                      |
| <b>Cost upto project COD (A)</b>               | <b>52.18</b>                | <b>52.18</b>           | <b>52.18</b>           |
| Additional capitalisation                      |                             |                        |                        |
| FY 2016-17                                     | 13.54                       | 11.32                  | 11.32                  |
| FY 2017-18                                     | 0.00                        | 26.80                  | 16.50                  |
| FY 2018-19                                     | 14.28                       | 19.23                  | 0.00                   |
| <b>Total additional<br/>capitalisation (B)</b> | <b>27.82</b>                | <b>57.35</b>           | <b>27.82</b>           |

| Particulars                             | Approved in Tariff Order | Claimed for true-up | Approved on true-up |
|---|--------------------------|---------------------|---------------------|
| <b>Total cost upto FY 2018-19 (A+B)</b> | <b>80.00</b>             | <b>109.53</b>       | <b>80.00</b>        |

#### **Environmental impact measures**

4.12.15 The Commission, in the Tariff Order, had approved the total cost of environmental impact measures at Rs.5.00 Crore and the cost upto project COD at Rs.0.79 Crore. As against the approved additional capitalisation of Rs.0.18 Crore and Rs.4.03 Crore for FY 2016-17 and FY 2018-19 respectively, SCCL claimed the additional capitalisation of Rs.(-)0.01 Crore, Rs.0.09 Crore and Rs.0.38 Crore for FY 2016-17, FY 2017-18 and FY 2018-19 respectively. SCCL claimed the environmental impact measures cost of Rs.1.25 Crore upto FY 2018-19 as against the approved total cost of Rs.5.00 Crore. As the claimed cost is lower than the total cost approved, the Commission approves SCCL's claim of additional capitalisation towards environmental impact measures.

4.12.16 The cost of environmental impact measures claimed by SCCL and approved by the Commission upto FY 2018-19 is as shown in the Table below:

**Table 24: Environmental impact measures cost upto FY 2018-19**

(Rs. Crore)

| Particulars                                | Approved in Tariff Order | Claimed for true-up | Approved on true-up |
|--|--------------------------|---------------------|---------------------|
| Total cost                                 | 5.00                     | -                   | -                   |
| <b>Cost upto project COD (A)</b>           | <b>0.79</b>              | <b>0.79</b>         | <b>0.79</b>         |
| Additional capitalisation                  |                          |                     |                     |
| FY 2016-17                                 | 0.18                     | -0.01               | -0.01               |
| FY 2017-18                                 | 0.00                     | 0.09                | 0.09                |
| FY 2018-19                                 | 4.03                     | 0.38                | 0.38                |
| <b>Total additional capitalisation (B)</b> | <b>4.21</b>              | <b>0.46</b>         | <b>0.46</b>         |
| <b>Total cost upto FY 2018-19 (A+B)</b>    | <b>5.00</b>              | <b>1.25</b>         | <b>1.25</b>         |

#### **Mandatory capital expenditure under MoEF clearance**

4.12.17 The Commission, in the Tariff Order, had approved the total cost towards mandatory capital expenditure under MoEF clearance at Rs.22.10 Crore and the cost upto project COD at Rs.9.45 Crore. As against the approved additional capitalisation of Rs.0.60 Crore and Rs.12.05 Crore for FY 2016-17 and FY 2018-19 respectively, SCCL claimed the additional capitalisation of



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Rs.0.60 Crore, Rs.0.68 Crore and Rs.3.11 Crore for FY 2016-17, FY 2017-18 and FY 2018-19 respectively. SCCL claimed the mandatory capital expenditure under MoEF clearance cost of Rs.13.84 Crore upto FY 2018-19 as against the approved total cost of Rs.22.10 Crore. As the claimed cost is lower than the total cost approved, the Commission approves SCCL's claim of additional capitalisation towards mandatory capital expenditure under MoEF clearance.

4.12.18 The mandatory capital expenditure under MoEF clearance claimed by SCCL and approved by the Commission upto FY 2018-19 is as shown in the Table below:

**Table 25: Mandatory capital expenditure under MoEF clearance cost upto FY 2018-19**

(Rs. Crore)

| Particulars                                | Approved in<br>Tariff Order | Claimed for<br>true-up | Approved<br>on true-up |
|--|-----------------------------|------------------------|------------------------|
| Total cost                                 | 22.10                       | -                      | -                      |
| <b>Cost upto project COD (A)</b>           | <b>9.45</b>                 | <b>9.45</b>            | <b>9.45</b>            |
| Additional capitalisation                  |                             |                        |                        |
| FY 2016-17                                 | 0.60                        | 0.60                   | 0.60                   |
| FY 2017-18                                 | 0.00                        | 0.68                   | 0.68                   |
| FY 2018-19                                 | 12.05                       | 3.11                   | 3.11                   |
| <b>Total additional capitalisation (B)</b> | <b>12.65</b>                | <b>4.39</b>            | <b>4.39</b>            |
| <b>Total cost upto FY 2018-19 (A+B)</b>    | <b>22.10</b>                | <b>13.84</b>           | <b>13.84</b>           |

**Weight bridge, fire tender etc.**

4.12.19 The Commission, in the Tariff Order, had approved the total cost of weigh bridge, fire tender etc., at Rs.2.00 Crore and the cost upto project COD at Rs.0.42 Crore. As against the approved additional capitalisation of Rs.1.58 Crore for FY 2018-19, SCCL claimed the additional capitalisation of Rs.0.03 Crore, and Rs.1.04 Crore for FY 2016-17 and FY 2018-19 respectively. SCCL claimed the weigh bridge, fire tender etc. cost of Rs.1.49 Crore upto FY 2018-19 as against the approved total cost of Rs.2.00 Crore. As the claimed cost is lower than the total cost approved, the Commission approves SCCL's claim of additional capitalisation towards weigh bridge, fire tender etc.

4.12.20 The cost of weigh bridge, fire tender etc. claimed by SCCL and approved by the Commission upto FY 2018-19 is as shown in the Table below:

**Table 26: Cost of Weigh Bridge, fire tender etc. upto FY 2018-19**

| Particulars                                    | (Rs. Crore)                 |                        |                        |
|--|-----------------------------|------------------------|------------------------|
|  | Approved in<br>Tariff Order | Claimed for<br>true-up | Approved<br>on true-up |
| Total cost                                     | 2.00                        | -                      | -                      |
| <b>Cost upto project COD (A)</b>               | <b>0.42</b>                 | <b>0.42</b>            | <b>0.42</b>            |
| Additional capitalisation                      |                             |                        |                        |
| FY 2016-17                                     | 0.00                        | 0.03                   | 0.03                   |
| FY 2017-18                                     | 0.00                        | 0.00                   | 0.00                   |
| FY 2018-19                                     | 1.58                        | 1.04                   | 1.04                   |
| <b>Total additional<br/>capitalisation (B)</b> | <b>1.58</b>                 | <b>1.07</b>            | <b>1.07</b>            |
| <b>Total cost upto FY 2018-19<br/>(A+B)</b>    | <b>2.00</b>                 | <b>1.49</b>            | <b>1.49</b>            |

**Furniture & office automation**

4.12.21 The Commission, in the Tariff Order, had approved the total cost of furniture & office automation at Rs.5.00 Crore and the cost upto project COD at Rs.2.37 Crore. As against the approved additional capitalisation of Rs.2.63 Crore for FY 2018-19, SCCL claimed the additional capitalisation of Rs.(-)0.19 Crore, Rs.0.54 Crore and Rs.2.06 Crore for FY 2016-17, FY 2017-18 and FY 2018-19 respectively. SCCL claimed the furniture & office automation cost of Rs.4.78 Crore upto FY 2018-19 as against the approved total cost of Rs.5.00 Crore. As the claimed cost is lower than the total cost approved, the Commission approves SCCL's claim of additional capitalisation towards furniture & office automation.

4.12.22 The cost of furniture & office automation claimed by SCCL and approved by the Commission upto FY 2018-19 is as shown in the Table below:

**Table 27: Furniture & office automation cost upto FY 2018-19**

| Particulars                                    | (Rs. Crore)                 |                        |                        |
|--|-----------------------------|------------------------|------------------------|
|  | Approved in<br>Tariff Order | Claimed for<br>true-up | Approved<br>on true-up |
| Total cost                                     | 5.00                        | -                      | -                      |
| <b>Cost upto project COD (A)</b>               | <b>2.37</b>                 | <b>2.37</b>            | <b>2.37</b>            |
| Additional capitalisation                      |                             |                        |                        |
| FY 2016-17                                     | 0.00                        | -0.19                  | -0.19                  |
| FY 2017-18                                     | 0.00                        | 0.54                   | 0.54                   |
| FY 2018-19                                     | 2.63                        | 2.06                   | 2.06                   |
| <b>Total additional<br/>capitalisation (B)</b> | <b>2.63</b>                 | <b>2.41</b>            | <b>2.41</b>            |
| <b>Total cost upto FY 2018-19<br/>(A+B)</b>    | <b>5.00</b>                 | <b>4.78</b>            | <b>4.78</b>            |

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**Miscellaneous expenditure**

4.12.23 The Commission, in the Tariff Order, had approved the total cost towards miscellaneous expenditure at Rs.5.00 Crore and the cost upto project COD at Rs.3.48 Crore. As against the approved additional capitalisation of Rs.0.33 Crore and Rs.1.19 Crore for FY 2016-17 and FY 2018-19 respectively, SCCL claimed the additional capitalisation of Rs.0.51 Crore, Rs.0.51 Crore and Rs.2.81 Crore for FY 2016-17, FY 2017-18 and FY 2018-19 respectively. SCCL claimed the miscellaneous expenditure of Rs.7.31 Crore upto FY 2018-19 as against the approved total cost of Rs.5.00 Crore. SCCL has not submitted any justification for the increase in this cost. Therefore, the Commission approves the miscellaneous expenditure of Rs.5.00 Crore, same as approved in the Tariff Order.

4.12.24 The miscellaneous expenditure claimed by SCCL and approved by the Commission upto FY 2018-19 is as shown in the Table below:

**Table 28: Miscellaneous expenditure upto FY 2018-19**

(Rs. Crore)

| Particulars                                | Approved in Tariff Order | Claimed for true-up | Approved on true-up |
|--|--------------------------|---------------------|---------------------|
| Total cost                                 | 5.00                     | -                   | -                   |
| <b>Cost upto project COD (A)</b>           | <b>3.48</b>              | <b>3.48</b>         | <b>3.48</b>         |
| Additional capitalisation                  |                          |                     |                     |
| FY 2016-17                                 | 0.33                     | 0.51                | 0.51                |
| FY 2017-18                                 | 0.00                     | 0.51                | 0.51                |
| FY 2018-19                                 | 1.19                     | 2.81                | 0.50                |
| <b>Total additional capitalisation (B)</b> | <b>1.52</b>              | <b>3.83</b>         | <b>1.52</b>         |
| <b>Total cost upto FY 2018-19 (A+B)</b>    | <b>5.00</b>              | <b>7.31</b>         | <b>5.00</b>         |

4.12.25 Based on the above, the cost of other works claimed by SCCL and approved by the Commission upto FY 2018-19 is as shown in the Table below:

**Table 29: Other works cost upto FY 2018-19**

(Rs. Crore)

| Particulars                      | Approved in Tariff Order | Claimed for true-up | Approved on true-up |
|----------------------------------|--------------------------|---------------------|---------------------|
| Total cost                       | 246.86                   | -                   | -                   |
| <b>Cost upto project COD (A)</b> | <b>139.91</b>            | <b>139.91</b>       | <b>139.91</b>       |
| Additional capitalisation        |                          |                     |                     |
| FY 2016-17                       | 45.56                    | 16.30               | 16.30               |
| FY 2017-18                       | 0.00                     | 57.67               | 47.36               |
| FY 2018-19                       | 61.39                    | 30.41               | 6.83                |
| <b>Total additional</b>          | <b>106.95</b>            | <b>104.38</b>       | <b>70.49</b>        |

| Particulars                         | Approved in<br>Tariff Order | Claimed for<br>true-up | Approved<br>on true-up |
|-------------------------------------|-----------------------------|------------------------|------------------------|
| capitalisation (B)                  |                             |                        |                        |
| Total cost upto FY 2018-19<br>(A+B) | 246.86                      | 244.29                 | 210.40                 |

#### 4.13 OVERHEADS

##### *Petitioner's submission*

- 4.13.1 SCCL claimed the additional capitalisation of Rs.31.59 Crore, Rs.5.86 Crore and Rs.(-)0.37 Crore for FY 2016-17, FY 2017-18 and FY 2018-19 respectively towards overheads.

##### *Commission's View*

- 4.13.2 The Commission, in the Tariff Order, had approved the total cost of overheads at Rs.334.58 Crore and the cost upto project COD at 291.10 Crore. As against the approved additional capitalisation of Rs.6.24 Crore and Rs.37.23 Crore for FY 2016-17 and FY 2018-19 respectively, SCCL claimed the additional capitalisation of Rs.31.59 Crore, Rs.5.86 Crore and Rs.(-)0.37 Crore for FY 2016-17, FY 2017-18 and FY 2018-19 respectively. The Commission in the Tariff Order dated, had approved overhead expenses as 5% of the approved additional capitalisation for the respective year. The Commission's approval of overheads cost has been challenged by SCCL in its Appeal No.312 of 2017 before the Hon'ble APTEL and the Appeal is sub-judice. Therefore, the Commission does not find it prudent to revise the methodology of approval of overheads cost. Therefore, the Commission approves the overheads cost as lower of 5% of the approved additional capitalisation and the actual claimed for the respective year. The same shall be subject to the outcome of the Appeal No.312 of 2017 pending before the Hon'ble APTEL.

- 4.13.3 The cost of overheads claimed by SCCL and approved by the Commission upto FY 2018-19 is as shown in the Table below:

**Table 30: Overheads cost upto FY 2018-19**

(Rs. Crore)

| Particulars | Approved in<br>Tariff Order | Claimed for<br>true-up | Approved<br>on true-up |
|-------------|-----------------------------|------------------------|------------------------|
| Total cost  | 334.58                      | -                      | -                      |

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| Particulars                                    | Approved in<br>Tariff Order | Claimed for<br>true-up | Approved<br>on true-up |
|--|-----------------------------|------------------------|------------------------|
| <b>Cost upto project COD (A)</b>               | <b>291.10</b>               | <b>319.50</b>          | <b>291.10</b>          |
| Additional capitalisation                      |                             |                        |                        |
| FY 2016-17                                     | 6.24                        | 31.59                  | 2.47                   |
| FY 2017-18                                     | 0.00                        | 5.86                   | 5.86                   |
| FY 2018-19                                     | 37.23                       | -0.37                  | -0.37                  |
| <b>Total additional<br/>capitalisation (B)</b> | <b>43.48</b>                | <b>37.08</b>           | <b>7.96</b>            |
| <b>Total cost upto FY 2018-19<br/>(A+B)</b>    | <b>334.58</b>               | <b>356.58</b>          | <b>299.07</b>          |

#### 4.14 INTEREST DURING CONSTRUCTION (IDC)

##### *Petitioner's submission*

- 4.14.1 SCCL claimed the additional capitalisation of Rs.17.14 Crore, Rs.21.55 Crore and Rs.(-)37.69 Crore for FY 2016-17, FY 2017-18 and FY 2018-19 respectively towards IDC.

##### *Commission's View*

- 4.14.2 The Commission, in the Tariff Order, had approved the IDC of Rs.883.63 Crore upto project COD. The Commission's approval of IDC has been challenged by SCCL in its Appeal No.312 of 2017 before the Hon'ble APTEL and the Appeal is sub-judice. Therefore, the Commission does not find it prudent to revise the approved IDC of Rs.883.63 Crore. The Commission does not find it prudent to consider the IDC after project COD claimed by SCCL.
- 4.14.3 The IDC claimed by SCCL and approved by the Commission is as shown in the Table below:

**Table 31: IDC upto FY 2018-19**

(Rs. Crore)

| Particulars                                    | Approved in<br>Tariff Order | Claimed for<br>true-up | Approved on<br>true-up |
|--|-----------------------------|------------------------|------------------------|
| Total cost                                     | 883.63                      | -                      | -                      |
| <b>Cost upto project COD (A)</b>               | <b>883.63</b>               | <b>1264.34</b>         | <b>883.63</b>          |
| Additional capitalisation                      |                             |                        |                        |
| FY 2016-17                                     | 0.00                        | 17.14                  | 0.00                   |
| FY 2017-18                                     | 0.00                        | 21.55                  | 0.00                   |
| FY 2018-19                                     | 0.00                        | -37.69                 | 0.00                   |
| <b>Total additional<br/>capitalisation (B)</b> | <b>0.00</b>                 | <b>1.00</b>            | <b>0.00</b>            |
| <b>Total cost upto FY 2018-</b>                | <b>883.63</b>               | <b>1265.34</b>         | <b>883.63</b>          |

| Particulars | Approved in<br>Tariff Order | Claimed for<br>true-up | Approved on<br>true-up |
|-------------|-----------------------------|------------------------|------------------------|
| 19 (A+B)    |                             |                        |                        |

#### 4.15 CAPITAL COST UPTO FY 2018-19

##### *Commission's View*

4.15.1 Based on the above, the capital cost claimed by SCCL and approved by the Commission upto FY 2018-19 is as shown in the Table below:

**Table 32: Capital cost upto FY 2018-19**

(Rs. Crore)

| Particulars                                    | Approved in<br>Tariff Order | Claimed for<br>true-up | Approved<br>on true-up |
|--|-----------------------------|------------------------|------------------------|
| <b>Cost upto project COD (A)</b>               | <b>6705.71</b>              | <b>7114.82</b>         | <b>6705.71</b>         |
| Additional capitalisation                      |                             |                        |                        |
| FY 2016-17                                     | 124.85                      | 95.62                  | 49.37                  |
| FY 2017-18                                     | 0.00                        | 401.50                 | 369.64                 |
| FY 2018-19                                     | 744.69                      | 849.06                 | 620.60                 |
| <b>Total additional<br/>capitalisation (B)</b> | <b>869.55</b>               | <b>1346.18</b>         | <b>1039.60</b>         |
| <b>Total cost upto FY 2018-19<br/>(A+B)</b>    | <b>7575.26*</b>             | <b>8461.00</b>         | <b>7745.32**</b>       |

\* excluding undischarged liabilities as on COD amounting to Rs.443.81 Crore

\*\* including liabilities as on COD discharged in FY 2016-17, FY 2017-18 and FY 2018-19

#### 4.16 ANNUAL FIXED CHARGES (AFC)

4.16.1 In accordance with Regulation 21 of the CERC (Terms and Conditions of Tariff) Regulations, 2014, the AFC of thermal generating station consist of recovery of the following:

- Return on Equity (RoE);
- Interest on loan;
- Depreciation;
- Interest on Working Capital (IoWC); and
- Operation and Maintenance (O&M) expenses.

4.16.2 SCCL vide its submission dated 04.12.2019 submitted the true-up claims of AFC for FY 2016-17 to FY 2018-19. Subsequently, SCCL in replies to data gaps dated 25.02.2020 submitted the revised AFC for FY 2016-17 to FY 2018-19 rectifying the discrepancy in its computations. The Commission has considered the revised submissions dated 25.02.2020.

#### 4.17 RETURN ON EQUITY (ROE)

##### *Petitioner's submission*

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4.17.1 SCCL claimed RoE of Rs.180.13 Crore, Rs.438.11 Crore and Rs.475.08 Crore for FY 2016-17, FY 2017-18 and FY 2018-19 respectively.

**Commission's View**

4.17.2 Regulation 19(1) of the CERC (Terms and Conditions of Tariff) Regulations, 2014 stipulates that the equity in excess of 30% of the capital cost shall be treated as normative loan. SCCL submitted the actual means of finance of additional capitalisation for FY 2016-17 to FY 2018-19. Based on the actual means of finance submitted by SCCL, the Debt Equity ratio of capital cost including additional capitalisation upto FY 2018-19 is 57.78:42.22. As the actual equity is in excess of 30%, SCCL has claimed RoE on the equity corresponding to 30% of the claimed additional capitalisation.

4.17.3 The Commission has considered the approved equity base as on COD and 30% of the approved additional capitalisation as equity addition for the respective year. The equity base claimed by SCCL and approved by the Commission is as shown in the Table below:

**Table 33: Equity base for FY 2016-17 to FY 2018-19**

(Rs. Crore)

| Financial Year                        | Approved in Tariff Order |                | Claimed for true-up |                | Approved on true-up |                |
|---------------------------------------|--------------------------|----------------|---------------------|----------------|---------------------|----------------|
|                                       | Opening Equity           | Closing Equity | Opening Equity      | Closing Equity | Opening Equity      | Closing Equity |
| 2016-17                               |                          |                |                     |                |                     |                |
| From COD of Unit 1 till COD of Unit 2 | 1050.57                  | 1050.57        | 1114.66             | 1114.66        | 1050.57             | 1050.57        |
| From COD of Unit 2 till 31.03.2017    | 2011.71                  | 2049.17        | 2134.45             | 2163.13        | 2011.71             | 2026.53        |
| 2017-18                               | 2049.17                  | 2049.17        | 2163.13             | 2283.58        | 2026.53             | 2137.42        |
| 2018-19                               | 2049.17                  | 2272.58        | 2283.58             | 2538.30        | 2137.42             | 2323.60        |

4.17.4 Regulation 25 of the CERC (Terms and Conditions of Tariff) Regulations, 2014 stipulate that the base rate of RoE of 15.50% shall be grossed up with the effective tax rate. SCCL has considered the MAT rate of 21.34% for grossing up the base rate of RoE. SCCL submitted the justification for considering MAT rate as below.

*"The book profits calculated as per section 115JB of income tax act, 1961 for computing the MAT liability for the FY 2016-17, FY 2017-18 and FY 2018-19 are mentioned below:*

| S. No. | Particulars  | FY 2016-17 | FY 2017-18 | FY 2018-19 |
|--------|--|------------|------------|------------|
| 1      | STPP- Profit Before Tax  | 155.55     | 576.36     | 539.24     |
| 2      | Book profit u/s 115JB-STPP (Standalone)                                  | 155.55     | 580.15     | 700.73     |
| 3      | MAT payable on above @ 21.3416% for FY 2016-18 & 21.5488% for FY 2018-19 | 33.20      | 123.81     | 151.00     |
| 4      | Book profit/(loss) u/s 115JB – SCCL (Coal operations)                    | -380.80    | 1383.25    | 2179.41    |
| 5      | Net Book profit/(loss) of SCCL (Coal & Power) (4+6)                      | -225.25    | 1963.40    | 2880.14    |
| 6      | MAT liability @21.3416% for FY 2016-18 & 21.5488% for FY 2018-19         | Nil        | 419.02     | 620.64     |
| 7      | Net Taxable income/(Loss) of SCCL (including carry forwarded Loss)       | -2441.34   | -806.55    | 1383.80    |
| 8      | Normal Tax on above @ 34.608% & 34.944% for FY 2018-19                   | Nil        | Nil        | 483.55     |

For the FY 2016-17, the MAT payable on STPP standalone book profits worked out to Rs.33.20 Crs at the applicable rate of 21.3416%. However, SCCL has a book loss of Rs.380.80 Crs from Coal operations, computed u/s 115JB of Income Tax act, 1961. The book loss from SCCL coal operations was due to deduction of the amounts of unascertainable provisions withdrawn in arriving at book profits as per section 115JB, as the same were added back for MAT computation in earlier years on which MAT or normal tax, whichever is higher was paid in the corresponding earlier years.

Clubbing of STPP profits with Coal operations loss, has resulted in net book loss at company level for the FY 2016-17 and hence no MAT was paid. Accordingly, it shall be construed that SCCL had MAT liability on STPP profits, which was adjusted against the loss from coal operations and hence MAT shall be deemed to have been paid on STPP profits.

For the FY 2017-18, SCCL has paid MAT of Rs.424.21 Crs (including interest of 5.17 Crs). However, MAT computed on standalone STPP book profits of Rs.580.15 Crs comes to Rs.123.81 Crs. at applicable MAT rate of 21.3416%.

For the FY 2018-19, SCCL has paid MAT of Rs.628.28 Crs (including interest of 7.65 Crs). However, MAT computed on standalone STPP book profits of Rs.700.73 Crs comes to Rs.151.01 Crs., at applicable MAT rate of 21.5488%.

- 4.17.5 The Commission has considered the opening equity as on COD as approved in the Tariff Order. The equity portion of additional capitalisation has been considered as equivalent to 30% of the approved additional capitalisation for the respective year. The base rate of RoE of 15.50% has been grossed up with the applicable MAT rate for the respective year.



4.17.6 The RoE claimed by SCCL and approved by the Commission is as shown in the Table below:

**Table 34: RoE for FY 2016-17 to FY 2018-19**

| (Rs. Crore)                           |                          |                     |                     |
|---------------------------------------|--------------------------|---------------------|---------------------|
| Financial Year                        | Approved in Tariff Order | Claimed for true-up | Approved on true-up |
| 2016-17                               |                          |                     |                     |
| From COD of Unit 1 till COD of Unit 2 | 38.57                    | 40.92               | 38.57               |
| From COD of Unit 2 till 31.03.2017    | 131.54                   | 139.21              | 130.81              |
| 2017-18                               | 403.79                   | 438.11              | 410.25              |
| 2018-19                               | 425.80                   | 475.08              | 440.70              |
| <b>Total</b>                          | <b>999.70</b>            | <b>1093.32</b>      | <b>1020.33</b>      |

4.17.7 The variation in RoE claimed by SCCL and approved by the Commission is on account of the variation in equity base.

**4.18 INTEREST ON LOAN**

***Petitioner's submission***

4.18.1 SCCL claimed the interest on loan of Rs.226.01 Crore, Rs.490.99 Crore and Rs.487.24 Crore for FY 2016-17, FY 2017-18 and FY 2018-19 respectively.

4.18.2 As regards interest rate, submitted as under:

- Project loan from PFC amounting to Rs.3980 Crore was availed at the interest rate of 12.25%.
- Pursuant to the letters dated 14.11.2016, 29.12.2016 and 09.03.2017, requesting reduction in the interest rates, PFC vide its letter dated 14.03.2017 had reduced the interest rate to 9.25%.
- The interest rates claimed for FY 2016-17 to FY 2018-19 have been computing considering the sharing of savings due to loan refinancing in accordance with Regulation 26(7) of the CERC (Terms and Conditions of Tariff) Regulations, 2014.

***Commission's View***

4.18.3 The interest rate considered by the Commission in the Tariff Order was challenged by SCCL in its Appeal No.312 of 2017 stating that the savings due to loan refinancing had not been considered. The Appeal is sub-judice.

4.18.4 The Commission directed SCCL to submit the copy of loan agreement executed pursuant to refinancing of long-term loans. In reply SCCL submitted

the correspondences regarding reduction of interest rate. SCCL submitted that no separate agreement was executed with the lender.

- 4.18.5 The Commission also directed SCCL to submit the computations to substantiate that the refinancing of loans has resulted in net savings in interest in compliance to Regulation 26(7) of the CERC (Terms and Conditions of Tariff) Regulations, 2014. In reply, SCCL submitted that the interest rates have reduced from 11.69% to 9.91%, 9.38% and 9.14% in FY 2016-17, FY 2017-18 and FY 2018-19 respectively and the interest rates claimed in true-up is after considering the sharing of savings on account of loan refinancing.
- 4.18.6 From the submissions, it is clear that only the interest rates have been reduced and this cannot be treated as loan refinancing as claimed by SCCL.
- 4.18.7 Regulation 19(1) of the CERC (Terms and Conditions of Tariff) Regulations, 2014 stipulates that the equity in excess of 30% of the capital cost shall be treated as normative loan. SCCL submitted the actual means of finance of additional capitalisation for FY 2016-17 to FY 2018-19. Based on the actual means of finance submitted by SCCL, the Debt Equity ratio of capital cost including additional capitalisation upto FY 2018-19 is 57.78:42.22. As the actual equity is in excess of 30%, the equity portion in excess of 30% of claimed additional capitalisation has been treated as normative loan thereby the total loan has been considered as 70% of the claimed additional capitalisation for the respective years.
- 4.18.8 The Commission has considered the opening loan as on COD as approved in the Tariff Order. The loan portion of additional capitalisation has been considered as equivalent to 70% of the approved additional capitalisation for the respective year. The normative repayment has been considered as equivalent to approved depreciation for the year. The Commission has considered the weighted average interest rate based on actual loan portfolio in accordance with Regulation 26 of the CERC (Terms and Conditions of Tariff) Regulations, 2014. The interest on loan has been computed on the normative average loan for the year by applying the weighted average interest rate.

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4.18.9 The loan balances claimed by SCCL and approved by the Commission is as shown in the Table below:

**Table 35: Loan balances for FY 2016-17 to FY 2018-19**

(Rs. Crore)

| Financial Year                              | Approved in Tariff Order |              | Claimed for true-up |              | Approved on true-up |              |
|---|--------------------------|--------------|---------------------|--------------|---------------------|--------------|
|   | Opening Loan             | Closing Loan | Opening Loan        | Closing Loan | Opening Loan        | Closing Loan |
| 2016-17                                     |                          |              |                     |              |                     |              |
| From<br>COD of Unit 1 till<br>COD of Unit 2 | 2451.33                  | 2418.19      | 2600.88             | 2564.99      | 2451.33             | 2417.50      |
| From<br>COD of Unit 2 till<br>31.03.2017    | 4660.86                  | 4635.30      | 4944.48             | 4889.31      | 4660.17             | 4579.99      |
| 2017-18                                     | 4635.30                  | 4288.69      | 4889.31             | 4787.01      | 4579.99             | 4479.76      |
| 2018-19                                     | 4288.69                  | 4444.69      | 4787.01             | 4967.61      | 4479.76             | 4531.41      |

4.18.10 The interest rates claimed by SCCL and approved by the Commission is as shown in the Table below:

| Financial Year                              | Approved in Tariff Order | Claimed for true-up | Approved on true-up |
|---|--------------------------|---------------------|---------------------|
| 2016-17                                     |                          |                     |                     |
| From<br>COD of Unit 1 till<br>COD of Unit 2 | 10.78%                   | 11.69%              | 11.69%              |
| From<br>COD of Unit 2 till<br>31.03.2017    | 10.78%                   | 10.50%              | 9.91%               |
| 2017-18                                     | 9.21%                    | 10.15%              | 9.38%               |
| 2018-19                                     | 9.21%                    | 9.99%               | 9.14%               |

4.18.11 The interest on loan claimed by SCCL and approved by the Commission is as shown in the Table below:

**Table 36: Interest on loan for FY 2016-17 to FY 2018-19**

(Rs. Crore)

| Financial Year                              | Approved in Tariff Order | Claimed for true-up | Approved on true-up |
|---|--------------------------|---------------------|---------------------|
| 2016-17                                     |                          |                     |                     |
| From<br>COD of Unit 1 till<br>COD of Unit 2 | 48.91                    | 56.26               | 53.03               |
| From<br>COD of Unit 2 till<br>31.03.2017    | 164.78                   | 169.75              | 150.46              |
| 2017-18                                     | 410.83                   | 490.99              | 424.74              |
| 2018-19                                     | 402.06                   | 487.24              | 411.76              |
| <b>Total</b>                                | <b>1026.59</b>           | <b>1204.23</b>      | <b>1040.00</b>      |

4.18.12 The variation in interest on loan claimed by SCCL and approved by the Commission is on account of variation in loan balances and interest rates.

**4.19 DEPRECIATION**

***Petitioner's submission***

4.19.1 SCCL claimed the depreciation of Rs.158.00 Crore, Rs.383.35 Crore and Rs.413.74 Crore for FY 2016-17, FY 2017-18 and FY 2018-19 respectively.

***Commission's View***

4.19.2 The Commission has approved the depreciation in accordance with Regulation 27 of the CERC (Terms and Conditions of Tariff) Regulations, 2014 considering the approved asset base and the asset class wise depreciation rates.

4.19.3 The depreciation claimed by SCCL and approved by the Commission is as shown in the Table below:

**Table 37: Depreciation for FY 2016-17 to FY 2018-19**

(Rs. Crore)

| Financial Year                        | Approved in Tariff Order | Claimed for true-up | Approved on true-up |
|---------------------------------------|--------------------------|---------------------|---------------------|
| 2016-17                               |                          |                     |                     |
| From COD of Unit 1 till COD of Unit 2 | 33.14                    | 35.89               | 33.83               |
| From COD of Unit 2 till 31.03.2017    | 112.96                   | 122.11              | 114.74              |
| 2017-18                               | 346.61                   | 383.35              | 358.97              |
| 2018-19                               | 365.29                   | 413.74              | 382.78              |
| <b>Total</b>                          | <b>858.00</b>            | <b>955.09</b>       | <b>890.31</b>       |

4.19.4 The variation in depreciation claimed by SCCL and approved by the Commission is on account of variation in GFA base.

**4.20 INTEREST ON WORKING CAPITAL (IoWC)**

***Petitioner's submission***

4.20.1 SCCL claimed IoWC of Rs.45.65 Crore, Rs.108.75 Crore and Rs.110.68 Crore for FY 2016-17, FY 2017-18 and FY 2018-19 respectively.

***Commission's View***

4.20.2 The Commission has approved IoWC in accordance with Regulation 28 of the CERC (Terms and Conditions of Tariff) Regulations, 2014 by revising the working capital considering the AFC approved on true-up for FY 2016-17 to

FY 2018-19.

4.20.3 The IoWC claimed by SCCL and approved by the Commission is as shown in the Table below:

**Table 38: IoWC for FY 2016-17 to FY 2018-19**

(Rs. Crore)

| Financial Year                        | Approved in Tariff Order | Claimed for true-up | Approved on true-up |
|---------------------------------------|--------------------------|---------------------|---------------------|
| 2016-17                               |                          |                     |                     |
| From COD of Unit 1 till COD of Unit 2 | 9.11                     | 10.26               | 9.60                |
| From COD of Unit 2 till 31.03.2017    | 32.03                    | 35.39               | 32.87               |
| 2017-18                               | 99.75                    | 108.75              | 100.47              |
| 2018-19                               | 101.21                   | 110.68              | 102.13              |
| <b>Total</b>                          | <b>242.10</b>            | <b>265.08</b>       | <b>245.06</b>       |

#### 4.21 OPERATION AND MAINTENANCE (O&M) EXPENSES

##### *Petitioner's submission*

4.21.1 SCCL claimed O&M expenses of Rs.82.38 Crore, Rs.207.60 Crore and Rs.220.56 Crore for FY 2016-17, FY 2017-18 and FY 2018-19 respectively.

##### *Commission's View*

4.21.2 Regulation 29(1) of the CERC (Terms and Conditions of Tariff) Regulations, 2014 specifies the normative O&M expenses of Rs.16.27 lakh/MW, Rs.17.30 lakh/MW and Rs.18.38 lakh/MW for FY 2016-17, FY 2017-18 and FY 2018-19 respectively. The Commission has approved the O&M expenses considered the normative O&M expenses as specified in the CERC (Terms and Conditions of Tariff) Regulations, 2014.

4.21.3 The O&M expenses claimed by SCCL and approved by the Commission is as shown in the Table below:

**Table 39: O&M expenses for FY 2016-17 to FY 2018-19**

(Rs. Crore)

| Financial Year                        | Approved in Tariff Order | Claimed for true-up | Approved on true-up |
|---------------------------------------|--------------------------|---------------------|---------------------|
| 2016-17                               |                          |                     |                     |
| From COD of Unit 1 till COD of Unit 2 | 18.19                    | 18.19               | 18.19               |
| From                                  | 64.19                    | 64.19               | 64.19               |

| Financial Year                | Approved in Tariff Order | Claimed for true-up | Approved on true-up |
|-------------------------------|--------------------------|---------------------|---------------------|
| COD of Unit 2 till 31.03.2017 |                          |                     |                     |
| 2017-18                       | 207.60                   | 207.60              | 207.60              |
| 2018-19                       | 220.56                   | 220.56              | 220.56              |
| <b>Total</b>                  | <b>510.54</b>            | <b>510.54</b>       | <b>510.54</b>       |

#### 4.22 ANNUAL FIXED CHARGES (AFC)

##### *Commission's View*

4.22.1 Based on the above, the AFC claimed by SCCL and approved by the Commission is as shown in the Table below:

**Table 40: AFC for FY 2016-17, FY 2017-18 & FY 2018-19**

(Rs. Crore)

| Particulars                 | From COD of Unit 1 till COD of Unit 2 |                     |                     | From COD of Unit 2 till 31.03.2017 |                     |                     |
|-----------------------------|---------------------------------------|---------------------|---------------------|------------------------------------|---------------------|---------------------|
|                             | Approved in Tariff Order              | Claimed for true-up | Approved on true-up | Approved in Tariff Order           | Claimed for true-up | Approved on true-up |
| Return on Equity            | 38.57                                 | 40.92               | 38.57               | 131.54                             | 139.21              | 130.81              |
| Interest on Loan            | 48.91                                 | 56.26               | 53.03               | 164.78                             | 169.75              | 150.46              |
| Depreciation                | 33.14                                 | 35.89               | 33.83               | 112.96                             | 122.11              | 114.74              |
| Interest on Working Capital | 9.11                                  | 10.26               | 9.60                | 32.03                              | 35.39               | 32.87               |
| O&M expenses                | 18.19                                 | 18.19               | 18.19               | 64.19                              | 64.19               | 64.19               |
| <b>Annual Fixed Charges</b> | <b>147.91</b>                         | <b>161.53</b>       | <b>153.21</b>       | <b>505.50</b>                      | <b>530.64</b>       | <b>493.06</b>       |

| Particulars                 | FY 2017-18               |                     |                     | FY 2018-19               |                     |                     |
|-----------------------------|--------------------------|---------------------|---------------------|--------------------------|---------------------|---------------------|
|                             | Approved in Tariff Order | Claimed for true-up | Approved on true-up | Approved in Tariff Order | Claimed for true-up | Approved on true-up |
| Return on Equity            | 403.79                   | 438.11              | 410.25              | 425.80                   | 475.08              | 440.70              |
| Interest on Loan            | 410.83                   | 490.99              | 424.74              | 402.06                   | 487.24              | 411.76              |
| Depreciation                | 346.61                   | 383.35              | 358.97              | 365.29                   | 413.74              | 382.78              |
| Interest on Working Capital | 99.75                    | 108.75              | 100.47              | 101.21                   | 110.68              | 102.13              |
| O&M expenses                | 207.60                   | 207.60              | 207.60              | 220.56                   | 220.56              | 220.56              |
| <b>Annual Fixed Charges</b> | <b>1468.58</b>           | <b>1628.80</b>      | <b>1502.03</b>      | <b>1514.92</b>           | <b>1707.30</b>      | <b>1557.93</b>      |

4.22.2 The Commission directs SCCL to bill the differential AFC recoverable/refundable for the period from FY 2016-17 to FY 2018-19 as per the AFC approved after true-up approved in this Order.

#### 4.23 OTHER CHARGES

##### *Petitioner's submission*

4.23.1 SCCL claimed other charges of Rs.1.11 Crore, Rs.6.42 Crore and Rs.4.15 Crore for FY 2016-17, FY 2017-18 and FY 2018-19 respectively.

##### *Commission's View*

4.23.2 Regulation 29(2) of the CERC (Terms and Conditions of Tariff) Regulations, 2014 provides for allowance of water charges and capital spares separately.

The other charges claimed by SCCL are towards water charges and capital spares.

4.23.3 Regulation 29(2) of the CERC, (Terms and Conditions of Tariff) Regulations, 2014 provides for allowance of water charges subject to prudence check. SCCL has claimed the total water charges of Rs.4.69 Crore for the period from FY 2016-17 to FY 2018-19 and submitted the copies of letters dated 28.03.2019 and 20.05.2019 addressed to the Irrigation Department. SCCL also requested the Commission to allow the water charges of Rs.3.63 Crore for the period from 01.12.2016 to 31.08.2018 in its submissions on billing disputes to which the DISCOMs submitted that all the monthly energy bills including supplementary bills towards taxes & duties as per the Tariff Regulations have been paid and sought the reconciliation of the sums received by SCCL. In light of the above, the Commission has not approved any amount towards water charges in this Order. **The Commission directs SCCL to take up the issue of water charges with the DISCOMs.**

4.23.4 Regulation 29(2) of the CERC (Terms and Conditions of Tariff) Regulations, 2014 provides for allowance of capital spares in true-up subject to submission of appropriate justification for incurring the same and substantiating that the same has not been funded by compensatory allowance or special allowance or claimed as a part of additional capitalisation or consumption of stores and spares and renovation and modernisation. SCCL has claimed the total capital spares of Rs.6.99 Crore for the period from FY 2016-17 to FY 2018-19 and submitted the list of capital spares along with justification for procurement of the same. As per the detailed list, the total value of capital spares procured during the period from FY 2016-17 to FY 2018-19 amounts to Rs.8.34 Crore. SCCL has not substantiated that the claimed capital spares have not been claimed as a part of additional capitalisation. Therefore, the Commission has not approved the capital spares claimed for FY 2016-17 to FY 2018-19.

**4.24 BILLING DISPUTES**

4.24.1 SCCL submitted that it has raised power bills during the period from FY 2016-17 to FY 2018-19 as per the Commission's Tariff Order however, some of the bills have not been admitted by the DISCOMs as shown below:

**Table 41: Billing disputes raised by SCCL**

|         |                                  |                                       | (Rs. Crore)   |
|---------|----------------------------------|---------------------------------------|---------------|
| Sl. No. | Particulars                      | Period                                | Amount        |
| 1       | Additional coal bills            | FY 2018-19                            | 121.43        |
| 2       | Billing on actual metered energy | FY 2018-19                            | 17.75         |
| 3       | Incentive                        | FY 2017-18                            | 29.11         |
| 4       | Water charges                    | 01.12.2016 to 31.08.2018              | 3.63          |
| 5       | Other charges                    | FY 2016-17, FY 2017-18 and FY 2018-19 | 1.16          |
|         | <b>Total</b>                     |                                       | <b>173.09</b> |

4.24.2 SCCL's submissions on each of the above items and Commission's ruling is detailed in the following paragraphs:

#### **Petitioner's submission**

##### **Additional coal bills**

- 4.24.3 SCCL was allotted Naini coal block in Odisha to meet the coal requirements of the project. As production from Naini coal block has not yet started, Bridge Linkage was approved by the Standing Committee of MoC. The coal has been supplied to the project from different nearby mines of SCCL under the Bridge Linkage. The coal bills for supply to the project were raised by SCCL (Mines Division) as per the MoU entered into between SCCL (Mines Division) and TPP. Such MoU was of similar nature entered into by SCCL with other power generating companies. SCCL submitted the copy of MoU entered into between SCCL and NTPC dated 30.06.2018.
- 4.24.4 As per the MoU, SCCL charges 20% premium to Bridge Linkage customers for supply upto 75% of annual agreed quantity over and above the regular supply price charged to generating companies having linked coal mine. For supply of additional quantum of coal beyond 75% of agreed quantity, the price on which 20% premium is computed gets changed to coal price applicable for non-power sector and as the base price for non-power sector is higher, the coal price for supply beyond 75% of agreed quantity increases significantly.
- 4.24.5 The agreed coal quantum as per the MoU for the project was 6.00 MMT per annum and the actual quantum received during FY 2018-19 was 5.08 MMT which is more than 75% of the agreed quantum. This resulted in additional



impact of Rs.118.18 Crore in coal bills and resulted in increase in energy charges for FY 2018-19. The bill for the incremental energy charges of Rs.121 Crore was raised on 08.06.2019 along with the auditor certificate. SCCL requested the Commission to allow these additional coal bills raised in accordance with the CERC (Terms and Conditions of Tariff) Regulations, 2014.

#### **Billing on actual metered energy**

4.24.6 The entire electricity generated from the project is being supplied to the DISCOMs for which the monthly billing is done as per the JMRs. The power purchase bills have been admitted based on scheduled generation instead of actual energy injected into the grid. Scheduled generation refers to the quantum of energy scheduled on day ahead basis by SLDC whereas actual energy is the metered energy injected into the grid. The scheduled generation and actual generation cannot be the same at most of the times due to variations in connected load, frequency and varying coal quality which are beyond the generators control. In order to deal with these variations, commercial mechanism known as Unscheduled Interchange (UI) or Deviation Settlement Mechanism (DSM) has been developed. Clause 14.1 of the Regulation No.1 of 2008 provides for notifying the charges for UI but any such notification has not been issued. In the absence of the same, energy bills for state generators in Telangana were allowed on JMRs. SCCL requested the Commission to consider the same methodology of accepting the energy injected into the grid for admittance of energy bills of the project as it is followed in respect of other state generators like KTPP, till intra-State ABT is implemented in Telangana.

#### **Incentive**

4.24.7 The Commission in the Tariff Order had approved the billing of incentive for higher PLF in accordance with the CERC (Terms and Conditions of Tariff) Regulations, 2014. The actual PLF for FY 2017-18 was 91.09% as against the target of 85%. The incentive for higher PLF to the tune of Rs.29.11 Crore for FY 2017-18 was billed considering the actual energy injected as per the JMRs instead of scheduled generation, in the absence of intra-State ABT

mechanism in Telangana. SCCL requested the Commission to allow the incentive bill raised as per CERC (Terms and Conditions of Tariff) Regulations, 2014 following prudent commercial practice prevalent for intra-State generators in the absence of DSM.

#### **Water charges**

- 4.24.8 The requisite water for power generation is drawn from rivers Godavari and Pranahita through 1 TMC and 2 TMC water supply schemes respectively. Accordingly, the water charges amounting to Rs.3.63 Crore were paid to GoTS for the water drawn for the period from 01.12.2016 to 31.08.2018. SCCL requested the Commission to allow the same in accordance with Regulation 29(2) of the CERC (Terms and Conditions of Tariff) Regulations, 2014.

#### **Other charges**

- 4.24.9 SCCL submitted that it has raised some bills amounting to Rs.1.16 Crore for the period from FY 2016-17 to FY 2018-19 as per the provisions of the PPA and the same had not been admitted by the DISCOMs.

#### **Commission's View**

- 4.24.10 The Commission has gone through the submissions of the Petitioner and stakeholders including the DISCOMs regarding the billing disputes. The Commission is not inclined to take up the issues of billing disputes in these proceedings. **The Commission directs SCCL to file a separate Petition on the billing disputes.**

Contd...

**CHAPTER 5  
ANALYSIS AND CONCLUSION ON BUSINESS PLAN FOR  
FY 2019-20 TO FY 2023-24**

**5.1 REGULATORY PROVISIONS**

5.1.1 Clause 7 of the Regulation No.1 of 2019 stipulates the filing of Business Plan along with Capital Investment Plan for a duration covering at least the entire Control Period from FY 2019-20 to FY 2023-24. The Business Plan shall cover the following:

- i. Generation Planning and forecasts
- ii. Capital Investment Plan -
- iii. Future performance targets
- iv. Proposed efficiency improvement measures
- v. Compliance status of environmental norms
- vi. Saving in operating costs
- vii. Financial statements for the Control Period duration
- viii. Any other new measures for generation business

5.1.2 SCCL's submissions and the Commission's analysis on the Business Plan for the Control Period from FY 2019-20 to FY 2023-24 is detailed in the following paragraphs.

5.1.3 In addition to the above constituents of Business Plan, SCCL has submitted the details regarding its manpower, training for its personnel, safety management and CSR. The Commission has taken note of the same and opines that the Commission's view is not required to be given on such additional details submitted by SCCL.

**5.2 FUTURE PERFORMANCE TARGETS**

***Petitioner's submission***

5.2.1 The norms of operation proposed for the Control Period from FY 2019-20 to FY 2023-24 are as under:

**Table 42: Norms of operation proposed by SCCL for Control Period from FY 2019-20 to FY 2023-24**

| Parameter  | Unit | Proposed                               |
|--|------|--|
| Normative Annual Plant Availability Factor (NAPAF) | %    | 80%                                    |
| Normative Annual PLF                               | %    | 80%                                    |
| Auxiliary Consumption                              | %    | 7.00%;<br>Additional 1.5% for FGD from |

| Parameter                      | Unit     | Proposed           |
|--------------------------------|----------|--------------------|
|                                |          | FY 2021-22 onwards |
| Gross Station Heat Rate        | kcal/kWh | 2400               |
| Secondary Fuel Oil Consumption | ml/kWh   | 2.00               |
| Transit Loss                   | %        | 0.80%              |

- 5.2.2 The recommendations of CEA on operating norms for the period from FY 2019-20 to FY 2023-24 have been furnished to CERC vide letter dated 10.12.2018. The broad outlines of the recommendations are as under:

**Table 43: CEA recommendations on operating norms**

| Parameter  | Unit     | CEA Recommendation  |
|--|----------|---|
| Normative Annual Plant Availability Factor (NAPAF) | %        | First Financial Year after COD: 68.5%<br>Pit head stations: 83% |
| Normative Annual PLF                               | %        | Same as NAPAF   |
| Auxiliary Consumption                              | %        | 6.25% (with Induced Draft Cooling Tower)                        |
| Gross Station Heat Rate                            | kcal/kWh | 1.05xDesign Heat Rate   |
| Secondary Fuel Oil Consumption                     | ml/kWh   | 0.5   |
| Transit Loss                                       | %        | 1.2% to 1.5%  |

- 5.2.3 The CEA recommendations have to be considered by SERCs in determination of operating norms for the period from FY 2019-20 to FY 2023-24.
- 5.2.4 Currently, there are 3 Units of 600 MW capacity in the State, one Unit at KTPP and two Units at SCCL. All the three Units have similar technical configuration, have achieved COD in FY 2016-17 and supply power under the respective PPAs. All the three Units are required to have uniform operating norms whereas Regulation No.1 of 2019 specifies different norms for KTPP Unit and SCCL Units. The norms of operation have been proposed by adopting the specified norms of KTPP Stage II in Regulation No.1 of 2019. FGD plant is expected to be commissioned in January 2021 and the additional auxiliary consumption of 1.5% for FGD has been proposed from FY 2021-22 onwards.

#### **Commission's View**

- 5.2.5 The norms of operation of a thermal generating station comprise of NAPAF, NAPLF, auxiliary consumption, Station Heat Rate, Secondary Fuel Oil Consumption and Transit loss.

5.2.6 SCCL has adopted the norms of operation specified for KTPP Stage II in Regulation No.1 of 2019. The Commission has gone through the rationale submitted by SCCL for adoption of norms of operation specified for KTPP Stage II. In reply to a specific query, SCCL submitted that there was no variation in norms of operation for KTPP Stage II and Singareni TPP in the Draft Regulations and therefore the issue had not arisen. SCCL submitted that the norm setting process is dynamic as witnessed in variation in operating norms specified in CERC (Terms and Conditions of Tariff) Regulations, 2014 and CERC (Terms and Conditions of Tariff) Regulations, 2019. SCCL requested the Commission to relook into the issue and approve comparable operating norms for the project. The Commission in exercise of powers conferred under the Act, has issued the Regulation No.1 of 2019 after due procedure. Therefore, the Commission does not find it prudent to adopt the norms of operation specified for KTPP Stage II for Singareni TPP.

5.2.7 SCCL has claimed the additional auxiliary consumption of 1.50% for FGD system with expected commissioning in January 2021, which was subsequently revised to FY 2022-23. The Commission is of the view that it would be premature to approve additional auxiliary consumption for FGD system at this stage. Clause 7.19(l) of the Regulation No.1 of 2019 provides for approaching the Commission for change in operational parameters such as change in normative auxiliary consumption on account of installation of FGD. In accordance with Clause 27 of the Regulation No.1 of 2019, SCCL is required to file the Mid-Term Review Petition by 30.11.2022. **The Commission directs SCCL to submit its proposal of additional auxiliary consumption for FGD in its Mid-Term Review Petition for the consideration of the Commission.**

5.2.8 The norms of operation approved by the Commission for the Control Period from FY 2019-20 to FY 2023-24 is as shown in the Table below:

**Table 44: Norms of operation for Control Period from FY 2019-20 to FY 2023-24**

| Parameter                                  | Unit | Norm  | Proposed | Approved |
|--|------|-------|----------|----------|
| Normative Annual Plant Availability Factor | %    | 85%   | 80%      | 85%      |
| Normative Annual PLF                       | %    | 85%   | 80%      | 85%      |
| Auxiliary Consumption                      | %    | 5.75% | 7.00%    | 5.75%    |

| Parameter                      | Unit     | Norm    | Proposed | Approved |
|--------------------------------|----------|---------|----------|----------|
| Gross Station Heat Rate        | kcal/kWh | 2303.88 | 2400     | 2303.88  |
| Secondary Fuel Oil Consumption | ml/kWh   | 0.50    | 2.00     | 0.50     |
| Transit Loss                   | %        | 0.80%   | 0.80%    | 0.80%    |

### 5.3 GENERATION PLANNING AND FORECASTS

#### *Petitioner's submission*

- 5.3.1 The production from Naini coal block is expected to commence in the year 2021 after obtaining all the necessary clearances and establishing the required infrastructure. As per the mining plan, the peak rated capacity is expected to be achieved by the year 2023. The Standing Linkage Committee has extended the Bridge Linkage for the project upto the year 2023 in accordance with the mining plan. Coal under the Bridge Linkage shall be sourced from the existing mines of SCCL in Telangana using rail mode of transportation. A separate application shall be filed for determination of input coal price from Naini coal block after commencement of production and supply to the project, as per the provisions of the CERC (Terms and Conditions of Tariff) Regulations, 2019. SCCL is also considering the possibility of swapping Naini coal block considering the distance from the project.
- 5.3.2 Based on the performance during the Control Period from FY 2016-17 to FY 2017-18, the estimated PLF for the Control Period from FY 2019-20 to FY 2023-24 is 91.09%. As per the prescription of the Original Equipment Manufacturer, each Unit is required to be overhauled in alternate years, for a period of 45 days. The annual overhaul plan for the Control Period from FY 2019-20 to FY 2023-24 is as under:

**Table 45: Annual overhaul plan submitted by SCCL**

| Financial Year | Unit 1                      | Unit 2                      |
|----------------|-----------------------------|-----------------------------|
| 2019-20        | 01.07.2019 to<br>14.08.2019 | -                           |
| 2020-21        | -                           | 01.05.2020 to<br>14.06.2020 |
| 2021-22        | 01.05.2021 to<br>14.06.2021 | -                           |
| 2022-23        | -                           | 01.07.2022 to<br>14.08.2022 |
| 2023-24        | 01.07.2023 to               | -                           |

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| Financial Year | Unit 1     | Unit 2 |
|----------------|------------|--------|
|                | 14.08.2023 |        |

5.3.3 For achieving the estimated PLF of 91.09% with the above annual overhauling plan, the Units are required to be operated at higher PLF of 97.1% to achieve the overall PLF of 91.09%. Considering no constraint in obtaining primary inputs for power generation and the outages as 2%, the PLF of 97% appears to be achievable.

5.3.4 The generation forecast for the Control Period from FY 2019-20 to FY 2023-24 is as under:

**Table 46: Generation forecast submitted by SCCL**

| Financial Year | Gross Generation | Auxiliary Consumption | Net Generation |
|----------------|------------------|-----------------------|----------------|
|                | MU               | %                     | MU             |
| 2019-20        | 9601.78          | 7.00%                 | 8929.65        |
| 2020-21        | 9575.54          | 7.00%                 | 8905.26        |
| 2021-22        | 9575.54          | 7.33%                 | 8873.45        |
| 2022-23        | 9575.54          | 8.50%                 | 8761.62        |
| 2023-24        | 9601.78          | 8.50%                 | 8785.63        |

5.3.5 SCCL submitted the month wise generation forecast for each year of the Control Period from FY 2019-20 to FY 2023-24.

**Commission's View**

5.3.6 In reply to a specific query, SCCL submitted that the coal is procured from SRP mines in MGR mode and although coal shortage is a rare phenomenon for the project, sometimes, due to high unloading time of rakes, coal was procured from nearby mines on non-MGR mode.

5.3.7 SCCL has submitted the generation planning and forecast for the Control Period from FY 2019-20 to FY 2023-24 considering the annual overhaul of each Unit in alternate years. SCCL has not considered any shutdown period separately for the works being undertaken for complying with revised emission norms. SCCL submitted that the work of in-furnace modifications for NOx compliance requires shutdown of Units for final attachments with the boiler which shall be planned as per the annual overhaul schedules.

5.3.8 The generation forecast approved by the Commission at NAPLF of 85% and auxiliary consumption of 5.75% is as shown in the Table below:

**Table 47: Generation forecast approved by the Commission**

| Financial Year | Gross Generation | Auxiliary Consumption | Net Generation |
|----------------|------------------|-----------------------|----------------|
|                | MU               | %                     | MU             |
| 2019-20        | 8959.68          | 5.75%                 | 8444.50        |
| 2020-21        | 8935.20          | 5.75%                 | 8421.43        |
| 2021-22        | 8935.20          | 5.75%                 | 8421.43        |
| 2022-23        | 8935.20          | 5.75%                 | 8421.43        |
| 2023-24        | 8959.68          | 5.75%                 | 8444.50        |

5.3.9 This approval of generation forecast does not bar SCCL from generating at PLF higher than 85%.

#### 5.4 CAPITAL INVESTMENT PLAN

##### *Petitioner's submission*

5.4.1 The Capital Investment Plan for the Control Period from FY 2019-20 to FY 2023-24 has been prepared in accordance with Clause 7(b) of the Regulation No.1 of 2019. SCCL submitted that it could not project the capital expenditure for the Control Period from FY 2019-20 to FY 2023-24 as per Ind AS 16 and requested the Commission for submission of the same during Mid-Term Review and End of Control Period review for consideration of the Commission.

5.4.2 The Phase II (1x800 MW) of the project is under active consideration by SCCL's management. SCCL requested the Commission for submission of capital investment for Phase II after receiving all necessary approvals. SCCL in its Petition submitted the Capital Investment Plan for the amount of Rs.1195.57 Crore which has been subsequently revised to Rs.1348.57 Crore.

5.4.3 The summary of Capital Investment Plan and capitalisation plan proposed for the Control Period from FY 2019-20 to FY 2023-24 is as under:

**Table 48: Capital Investment Plan and capitalisation plan submitted by SCCL***(Rs. Crore)*

| Particulars                                 | Capital Investment | Capitalisation |               |               |               |             | Total          |
|---|--------------------|----------------|---------------|---------------|---------------|-------------|----------------|
|   |                    | FY 2019-20     | FY 2020-21    | FY 2021-22    | FY 2022-23    | FY 2023-24  |                |
| FGD system                                  | 645.32             | 0.00           | 0.00          | 0.00          | 645.32        | 0.00        | 645.32         |
| In-furnace modifications for NOx compliance | 38.00              | 0.00           | 0.00          | 19.00         | 19.00         | 0.00        | 38.00          |
| O&M modules                                 | 301.18             | 0.00           | 153.10        | 82.96         | 65.12         | 0.00        | 301.18         |
| Railway works                               | 284.04             | 0.00           | 42.94         | 161.50        | 79.60         | 0.00        | 284.04         |
| Erection works in main plant                | 55.89              | 0.00           | 26.91         | 20.98         | 8.00          | 0.00        | 55.89          |
| Township civil works                        | 24.15              | 0.00           | 7.81          | 10.20         | 6.14          | 0.00        | 24.15          |
| <b>Total</b>                                | <b>1348.57</b>     | <b>0.00</b>    | <b>230.75</b> | <b>294.64</b> | <b>823.18</b> | <b>0.00</b> | <b>1348.57</b> |



**FGD system**

- 5.4.4 MoEF&CC, vide its notification dated 07.12.2015 brought out the amendments to Schedule – I of Environment (Protection) Rules, 1986 for emission norms applicable to TPPs. In accordance with the above notification, the following emission norms are applicable for Singareni TPP:

**Table 49: Emission norms applicable for Singareni TPP**

| Pollutants                         | Emission norm           |
|------------------------------------|-------------------------|
| Particulate Matter (PM)            | 50 mg/Nm <sup>3</sup>   |
| Sulphur Dioxide (SO <sub>2</sub> ) | 200 mg/Nm <sup>3</sup>  |
| Oxides of Nitrogen                 | 300 mg/Nm <sup>3</sup>  |
| Mercury                            | 0.03 mg/Nm <sup>3</sup> |

- 5.4.5 These emission norms were required to be met within two years from the date of notification which was later revised as per MoPs letter dated 13.10.2017, in view of the technical challenges. As per the revised timeline, the FGD for Units 1&2 was required to be put into operation by December 2019. Singareni TPP sought extension of time from December 2019 to December 2022 for complying with SO<sub>2</sub> emission norm.
- 5.4.6 SCCL is currently complying with the emission norms of PM and mercury. SCCL has appointed NTPC for preparing the feasibility report and DPR for complying with SO<sub>2</sub> emission norm. SCCL has submitted the copy of DPR prepared by NTPC for FGD system. The total capital investment proposed for FGD system is Rs.645.32 Crore and capitalisation of the same has been claimed for FY 2022-23.

**In-furnace modifications for NOx compliance**

- 5.4.7 The boilers of Units 1&2 were designed for NOx level of 750 mg/Nm<sup>3</sup> and the measured value of NOx emission has been closer to design value. MoEF&CC, vide its notification dated 07.12.2015 stipulated the emission norm of NOx as 300 mg/NM<sup>3</sup>. The NOx emission norm is proposed to be achieved by in-furnace modifications based on the recommendation of OEM. This is a cost-effective measure compared to other measures such as Selective Non-Catalytic Reduction (SNCR) and Selective Catalytic Reduction (SCR) which require chemical treatment by reagents. The combustion modification is required to be carried out as a part of in-furnace modification with the objective of reduction of NOx generated to the required level during the

combustion in boiler without effecting the designed boiler steam and flue gas parameters at various loads, under various mills combination for the range of coals. The total capital investment proposed for in-furnace modifications is Rs.38.00 Crore and capitalisation of Rs.19.00 Crore has been claimed for FY 2021-22 and FY 2022-23 respectively.

#### **O&M modules**

- 5.4.8 Some of the generating stations which have been supplied BHEL Units of 600 MW have recently experienced major breakdowns. The past experiences show that the OEM requires a high lead time of around one year to supply new equipment in case of failures. This high lead time is attributable to import of input materials and arranging the required machining and assembling activity. Any shutdown due to failure of equipment will impact the cash flows of both SCCL and the DISCOMs by way of under recovery of AFC and procurement from alternate sources respectively. Therefore, the O&M modules viz., HP module, IP module, LP rotor, generator stator, rotor and excited assembly have been proposed to be procured to cater to the needs of both the Units effectively.
- 5.4.9 The total capital investment proposed for O&M modules is Rs.301.18 Crore and capitalisation of Rs.153.10 Crore, Rs.82.96 Crore, and Rs.65.12 Crore has been claimed for FY 2020-21, FY 2021-22 and FY 2022-23 respectively. SCCL requested the Commission to approve the same as the initial spares approved in the Tariff Order are within the specified ceiling limit.

#### **Railway works**

- 5.4.10 The railway siding work was commissioned in FY 2018-19 and most of the coal for power generation is received through railway mode. Currently, the railway locos are running with diesel engines and manually managed signalling system. The railway authorities have advised to arrange for overhead electrification system along with necessary signalling and telecommunication works to ensure safe running of railway wagons. The railway electrification works would be taken up as per the cabinet decision of GoI dated 27.09.2018. The signalling & telecommunication work is proposed to be undertaken for handling rake traffic which is expected to further increase

with addition of 800 MW unit, for ensuring safety and saving in man-hours and expenditure.

- 5.4.11 The associated works related to construction of railway siding such as construction of drainage system along the railway track is proposed to be undertaken as per the original drawing.
- 5.4.12 Further, special tools and capital spares related to railway system to mitigate the incidents of wagons derailment have been proposed to be procured during the Control Period.
- 5.4.13 The total capital investment proposed for railway works is Rs.284.04 Crore and capitalisation of Rs.42.94 Crore, Rs.161.50 Crore, and Rs.79.60 Crore has been claimed for FY 2020-21, FY 2021-22 and FY 2022-23 respectively.

#### **Erection works in main plant**

- 5.4.14 The total capital investment proposed for erection works in main plant is Rs.55.89 Crore and capitalisation of Rs.26.91 Crore, Rs.20.98 Crore, and Rs.8.00 Crore has been claimed for FY 2020-21, FY 2021-22 and FY 2022-23 respectively. SCCL submitted the item wise justification for the proposed capitalisation under this head.

#### **Township civil works**

- 5.4.15 The total capital investment proposed for township civil works is Rs.24.15 Crore and capitalisation of Rs.7.81 Crore, Rs.10.20 Crore, and Rs.6.14 Crore has been claimed for FY 2020-21, FY 2021-22 and FY 2022-23 respectively.

#### **Financing Plan**

- 5.4.16 SCCL proposed the financing of proposed capital investment in the debt equity ratio of 70:30.

#### ***Commission's View***

- 5.4.17 Clause 3.10.2 of the Regulation No.1 of 2019 stipulates that the Capital Investment Plan shall show, separately, ongoing projects that will spill over the Control Period and new projects that will commence in the Control Period but may be completed within or beyond it. SCCL submitted the details of spill over of ongoing works from the previous Control Period from FY 2016-17 to

FY 2018-19 to the current Control Period from FY 2019-20 to FY 2023-24. However, SCCL has not considered the additional capitalisation pertaining to this spill over items in its tariff computations for the Control Period from FY 2019-20 to FY 2023-24.

5.4.18 Clause 7(b) of the Regulation No.1 of 2019 stipulates that the Capital Investment Plan shall include the following details:

- Purpose of investment
- Broad technical specifications of the proposed investment and supporting details.
- Capital structure.
- Capitalisation schedule with milestones for completion.
- Financing plan with sources of investment.
- Physical targets.
- Cost-benefit analysis.
- Prioritisation of proposed investments etc.

5.4.19 SCCL submitted the item wise details of capitalisation schedule, purpose of investment, broad technical specifications of the proposed investment with supporting documents, benefits of the proposed investment, priority and Regulation under which the investment has been claimed. SCCL claimed the additional capitalisation for the Control Period from FY 2019-20 to FY 2023-24 under Clause 7.19.1 and also Clause 26.4, for some of the items, of the Regulation No.1 of 2019.

5.4.20 Clause 7.19 of the Regulation No.1 of 2019 stipulates as under:

**"7.19. Additional Capitalisation**

*7.19.1. The capital expenditure actually incurred or projected to be incurred, on the following counts within the Original Scope Of Work, after the COD and up to the Cut-Off Date, may be admitted by the Commission subject to Prudence Check. Any additional capitalization after COD needs prior approval of the Commission:-*

....."

5.4.21 Regulation No.1 of 2019 defines cut-off date as 31<sup>st</sup> March of the year ending after two years of the year of start of commercial operation of a project and in case a project is declared to be under commercial operation in the last quarter of a year, it shall mean 31<sup>st</sup> March of the year ending after three years of the year of start of such commercial operation. The project has achieved COD on 02.12.2016 and accordingly, the cut-off date is 31.03.2019. The capital

investment and the additional capitalisation claimed by SCCL is beyond the original scope of work and after the cut-off date. The additional capitalisation beyond the original scope of work and after the cut-off date is not allowable in accordance with Clause 7.19.1 reproduced above.

5.4.22 Clause 26.4 of the Regulation No.1 of 2019 stipulates as under:

**“26.4 Power of relaxation**

*The Commission may in public interest and for reasons to be recorded in writing, relax any of the provision of these Regulations.”*

5.4.23 The power of relaxation must be exercised sparingly and for sufficient reasons. The Regulation gives discretion to the Commission to relax the provisions of the Regulations on circumstances of the case and such a case has to be exception to the general rule. There has to be sufficient reason to justify relaxation which has to be exercised only in the exceptional case where exercise of the discretion would be in public interest.

5.4.24 In view of the above, the Commission’s approval of the Capital Investment Plan and capitalisation plan for the Control Period from FY 2019-20 to FY 2023-24 is detailed below.

**FGD system**

5.4.25 MoEF&CC vide its notification dated 07.12.2015 has revised the SO<sub>2</sub> emission norm from 600 mg/Nm<sup>3</sup> to 200 mg/Nm<sup>3</sup>. SCCL has claimed the capital investment towards FGD system for complying with the revised emission norm under Clause 7.19.1(e) and 7.19.1(f) of the Regulation No.1 of 2019. The DISCOMs submitted that the proposed capital investment is not allowable stating the following:

- i. The Environmental Clearance of Singareni TPP mandated to make specific provision of space for installation of FGD equipment in future. The Environmental Clearance also mandated for allocation of separate funds for implementation of environmental protection measures as part of project cost and such funds shall not be diverted for other purposes. SCCL has not complied with this condition and the capital investment for FGD has been claimed separately which falls beyond the original scope of work and after the cut-off date.
- ii. MoP vide its letter dated 30.05.2018 clarified that the MoEF&CC notification dated 07.12.2015 is of the nature of Change in Law event except for TPPs where such requirement of pollution control system was mandated under the Environmental Clearance or envisaged otherwise before the notification of amendment rules. FGD installation

- was envisaged in the Environmental Clearance of Singareni TPP and hence the proposed capital investment is not allowable.
- iii. SCCL has not issued any Change in Law notice under the provisions of the PPA.
  - iv. PSERC in its Order dated 21.12.2018 rejected the claim of the generator namely M/s TSPL to install FGD under Change in Law as FGD installation was already envisaged in the Environmental Clearance of that project and same rationale applies to Singareni TPP having identical Environmental Clearance.
- 5.4.26 The reliance placed by the DISCOMs on case laws is misplaced as the matter dealt in those cases was pertaining to tariff based competitive bidding projects unlike Singareni TPP whose tariff is determined in accordance with the Commission's Regulations.
- 5.4.27 In accordance with Clause 7.19.1 of the Regulation No.1 of 2019 the capital investment claimed for FGD system is not allowable as the same is beyond the original scope of work and after cut-off date. SCCL has not claimed relaxation in Clause 7.19.1 in its claim of capital investment for FGD system. However, the Commission deems it appropriate to decide on the issue of whether the power of relaxation can be invoked in the instant case or not. The FGD system for complying with SO<sub>2</sub> emission norm was initially required to be completed by December 2017 which was later extended upto December 2019 and further extension has been sought upto December 2022.
- 5.4.28 As the target date for complying with SO<sub>2</sub> emission norm was deferred by the competent authority and such uniform dispensation was given across the country, the Commission deems it a fit case to exercise the power of relaxation of Clause 7.19.1 regarding the criteria for allowing additional capitalisation i.e., within the original scope of work and upto the cut-off date for allowing the capital investment for FGD system beyond the original scope of work and after the cut-off date. Clause 7.19.1(l) provides for capital expenditure for complying with statutory norms for Environment in accordance with the appropriate notifications of MoEF&CC. Therefore, the capital investment for FGD system is allowable under Clause 7.19.1(l) of the Regulation No.1 of 2019. The Commission vide its Order dated 08.02.2020 accorded in-principal approval for undertaking the works for complying with revised emission norms. The Commission hereby confirms the said approval.

5.4.29 As FGD is still under implementation stage across the country, in the absence of any yardstick on market trends to compare the cost estimates of SCCL, the Commission is not expressing any opinion on the cost estimates at this stage. The Commission understands that SCCL is in the process of awarding the works of procurement and installation of FGD system through competitive process. The Commission expects such competitive procurement to yield the most economical prices aligned to market trends. The Commission shall carry out the prudence check of the cost of FGD system in true-up for the relevant year after commissioning of the same.

**In-furnace modifications for NOx compliance**

5.4.30 MoEF&CC vide its notification dated 07.12.2015 has introduced NOx emission norm of 300 mg/Nm<sup>3</sup>. The Units are designed for NOx emission levels of 750 mg/NM<sup>3</sup>. SCCL has claimed the capital investment for complying with the NOx emission norm under Clause 7.19.1(e) and 7.19.1(l) of the Regulation No.1 of 2019. The DISCOMs submitted that the NOx emission norm has been revised from 300 mg/NM<sup>3</sup> to 450 mg/NM<sup>3</sup> and the capital investment is not required to be allowed under this head as the project is complying with the emission norm of 450 mg/Nm<sup>3</sup>. SCCL submitted that the emission norm of 450 mg/Nm<sup>3</sup> has not yet attained finality. The Commission finds merit in SCCL's submission in this regard. The maximum NOx emission levels submitted by SCCL for FY 2017-18, FY 2018-19 and FY 2019-20 are higher than 300 mg/Nm<sup>3</sup>.

5.4.31 In accordance with Clause 7.19.1 of the Regulation No.1 of 2019 the capital investment claimed for complying with NOx emission norm is not allowable as the same is beyond the original scope of work and after cut-off date. SCCL has not claimed relaxation in Clause 7.19.1 in its claim of capital investment. However, in line with the approval for FGD system, the Commission deems it a fit case to exercise the power of relaxation of Clause 7.19.1 regarding the criteria for allowing additional capitalisation i.e., within the original scope of work and upto the cut-off date for allowing the capital investment for NOx compliance beyond the original scope of work and after the cut-off date. Clause 7.19.1(l) provides for capital expenditure for complying with statutory norms for Environment in accordance with the appropriate notifications of

MoEF&CC. Therefore, the capital investment for NOx compliance is allowable under Clause 7.19.1(l) of the Regulation No.1 of 2019. The Commission vide its Order dated 08.02.2020 accorded in-principal approval for undertaking the works for complying with revised emission norms. The Commission hereby confirms the said approval.

- 5.4.32 The Commission is not expressing any opinion on the cost estimates at this stage. The Commission shall carry out the prudence check of the cost in true-up for the relevant year after commissioning of the same.

#### **O&M modules**

- 5.4.33 The Commission has gone through SCCL's submissions regarding the capital investment proposed for O&M modules. SCCL has claimed the capital investment for O&M modules under Clause 7.19.1(c) and 7.19.1(k) of the Regulation No.1 of 2019. In accordance with Clause 7.19.1 of the Regulation No.1 of 2019 the capital investment for O&M modules is not allowable as the same is beyond the original scope of work and after cut-off date. SCCL has not claimed relaxation in Clause 7.19.1 in its claim of capital investment. However, the Commission deems it appropriate to decide on the issue of whether the power of relaxation can be invoked in the instant case or not. It is pertinent to mention that SCCL had appointed NTPC for providing consultancy services and SCCL made the following submissions in O.P.No.9 of 2016 regarding the same:

"3.10.3 .....

(iii) *Regarding the cost of consultancy & Engineering, SCCL submitted the following:*

*a. SCCL is a coal mining company that has ventured into power generation business.*

*b. M/s NTPC Ltd. is the largest power generation company in India with installed capacity of more than 32,000 MW and BHEL is the main equipment supplier for most of its generating stations. NTPC is very much conversant with the equipment supplied by BHEL and other related working modalities.*

*c. The services of NTPC have been utilized for pre & post award works including preparation of tender specifications for BTG and BoP, techno commercial evaluation of bids, pre-award discussions with BHEL, supervision of construction activities, inspection services and review of O&M manuals, testing and commissioning documents.*

....."

- 5.4.34 From the above, the prime criteria for taking consultancy services of NTPC



was its operational experience with BHEL Units. SCCL has already procured mandatory spares of critical auxiliaries under the BTG package. The consumers cannot be unduly burdened for the acts of omission on part of the Petitioner. The Commission does not find any merit in the reliance placed by SCCL on CEA advisory and the same does not amount of Change in Law as submitted by SCCL. In view of the above, the Commission does not find it prudent to exercise the power of relaxation of Clause 7.19.1 for allowing capital investment for O&M modules.

**Railway works**

- 5.4.35 The Commission has gone through the details of railway works and justification submitted by SCCL for the same. In accordance with Clause 7.19.1 of the Regulation No.1 of 2019 the capital investment for railway works is not allowable as the same is after cut-off date. The consumers cannot be unduly burdened for the acts of omission on part of the Petitioner. In view of the above, the Commission does not find it prudent to exercise the power of relaxation of Clause 7.19.1 for allowing capital investment for railway works.

**Erection works in main plant**

- 5.4.36 The Commission has gone through the details of erection works in main plant and justification submitted by SCCL for the same. In accordance with Clause 7.19.1 of the Regulation No.1 of 2019 the capital investment for erection works in main plant is not allowable as the same is after cut-off date. The consumers cannot be unduly burdened for the acts of omission on part of the Petitioner. In view of the above, the Commission does not find it prudent to exercise the power of relaxation of Clause 7.19.1 for allowing capital investment for erection works in main plant.

**Township civil works**

- 5.4.37 The Commission has gone through the details of township civil works and justification submitted by SCCL for the same. In accordance with Clause 7.19.1 of the Regulation No.1 of 2019 the capital investment for township civil works is not allowable as the same is after cut-off date. The consumers cannot be unduly burdened for the acts of omission on part of the Petitioner. In view of the above, the Commission does not find it prudent to exercise the

power of relaxation of Clause 7.19.1 for allowing capital investment for township civil works.

- 5.4.38 In accordance with Clause 7.8 of the Regulation No.1 of 2019, in case the capital expenditure is required for emergency work which has not been approved in the capital investment plan, SCCL shall submit an application (containing all relevant information along with reasons justifying the emergency nature of the proposed work) seeking approval by the Commission. SCCL may take up the work prior to the approval by the Commission provided that the emergency nature of the scheme has been approved by its Board of Directors. SCCL shall submit the pending details required as per Clause 7.1 within 10 days of the submission of the application for emergency work.

#### **Financing Plan**

- 5.4.39 The Commission has taken note of SCCL's submission regarding the financing of the capital investment in the debt equity ratio of 70:30.
- 5.4.40 In accordance with Clause 7.19.4 of the Regulation No.1 of 2019, the Commission shall consider the impact of additional capitalisation on tariff during Mid-Term Review or tariff determination for the next Control Period as the case may be.

### **5.5 PROPOSED EFFICIENCY IMPROVEMENT MEASURES**

#### ***Petitioner's submission***

- 5.5.1 The norms are specified for the operational norms of Availability, specific oil consumption, station heat rate and auxiliary consumption. The following measures are proposed in efficiency improvement in the operational parameters of the project:

**Table 50: Proposed efficiency improvement measures**

| <b>Sl. No.</b> | <b>Operational parameter</b> | <b>Efficiency improvement measures</b>  |
|----------------|------------------------------|---|
| 1              | Availability                 | <ul style="list-style-type: none"> <li>▪ Necessary engineering modifications, Root cause analysis of machine tripping.</li> <li>▪ Carrying out trip analysis.</li> <li>▪ Implementing trip analysis recommendations.</li> </ul> |
| 2              | Specific oil consumption     |   |
| 3              | Station Heat Rate            | <ul style="list-style-type: none"> <li>▪ Combustion optimisation i.e., monitoring unburnt carbon in bottom ash and fly ash.</li> </ul>  |

| Sl. No. | Operational parameter | Efficiency improvement measures   |
|---------|-----------------------|---|
|         |                       | <ul style="list-style-type: none"> <li>▪ Maintaining %O<sub>2</sub> and Air Pre-Heater (APH) inlet, monitoring Suspended Particulate Matter (SPM), SO<sub>x</sub>, NO<sub>x</sub>, CO<sub>2</sub> at ID fan outlet.</li> <li>▪ Maintaining process parameters viz., main steam temperature, pressure, HRH temperature, condenser back pressure, RH spray, HPH outlet feed water temperatures etc. to design value.</li> <li>▪ Identification of passing in high energy drains and rectification of the same on opportunity basis.</li> <li>▪ Identification of Boiler Feed Pump (BFP) recirculation valve passing, deaerator overflow valve, deaerator drain valve passing and rectifying the same during opportunity.</li> <li>▪ Monitoring and ensuring zero leakages of air, water and steam.</li> </ul> |
| 4       | Auxiliary consumption | <ul style="list-style-type: none"> <li>▪ Monitoring of loading of all HT and LT drives and identifying the reasons of high loading and taking corrective actions on opportunity basis.</li> <li>▪ Increasing the conveyor belt utilisation factor of Coal Handling Plant (CHP) and avoiding idle running of coal conveyors.</li> <li>▪ %O<sub>2</sub> mapping of Flue Gas (FG) duct for identifying any air-in leakages.</li> <li>▪ Monitoring of air (instrument and service), water (DM and raw water) and steam leakages;</li> <li>▪ Optimisation of running hours of drives mainly in BoP area.</li> </ul>  |

5.5.2 In addition to the above measures, the following measures have been proposed:

- Monthly Unit-wise review on main drivers of operating performances such as boiler efficiency, turbine heat rate, coal mill fineness.
- Identification of reasons/factors based on gaps in performance and corrective actions.
- Energy and Technical Audit by external agency in FY 2019-20 for identification of further improvement possibilities. The external audit is required to be undertaken under the Perform Achieve Trade (PAT) scheme under which Singareni TPP is a Designated Consumer (DC) of PAT-IV cycle having Registration No.TPP0217TS.

#### **Commission's View**

5.5.3 The Commission has taken note of the proposed efficiency improvement measures proposed by SCCL. The Commission directs SCCL to submit the

status of the efficiency improvement measures implemented by SCCL and the results of the same in its Mid-Term Review Petition.

## 5.6 COMPLIANCE STATUS OF ENVIRONMENTAL NORMS

### *Petitioner's submission*

5.6.1 The emission levels of SO<sub>x</sub>, NO<sub>x</sub>, mercury and opacity submitted by SCCL is as under:

**Table 51: Emission level of SO<sub>x</sub> submitted by SCCL**

(mg/Nm<sup>3</sup>)

| Financial Year | Design value  | Unit 1  |         | Unit 2  |         |
|----------------|---------------|---------|---------|---------|---------|
|                |               | Maximum | Minimum | Maximum | Minimum |
| 2016-17        | Not specified | 2409    | 809.3   | 2507    | 1184    |
| 2017-18        |               | 2502    | 1716    | 2100    | 1737    |
| 2018-19        |               | 1800    | 1201    | 1997    | 1625    |

**Table 52: Emission level of NO<sub>x</sub> submitted by SCCL**

(mg/Nm<sup>3</sup>)

| Financial Year | Design value | Unit 1  |         | Unit 2  |         |
|----------------|--------------|---------|---------|---------|---------|
|                |              | Maximum | Minimum | Maximum | Minimum |
| 2016-17        | 750          | 421     | 148     | 431     | 114     |
| 2017-18        |              | 304     | 275     | 427     | 271     |
| 2018-19        |              | 303     | 276     | 333     | 217     |

**Table 53: Emission level of mercury submitted by SCCL**

(mg/Nm<sup>3</sup>)

| Financial Year | Design value | Unit 1  |         | Unit 2  |         |
|----------------|--------------|---------|---------|---------|---------|
|                |              | Maximum | Minimum | Maximum | Minimum |
| 2016-17        | 0.03         | 0.0007  | 0.0002  | 0.0087  | 0.0004  |
| 2017-18        |              | 0.019   | 0.001   | 0.025   | 0.008   |
| 2018-19        |              | 0.016   | 0.005   | 0.017   | 0.003   |

**Table 54: Emission level of opacity submitted by SCCL**

(mg/Nm<sup>3</sup>)

| Financial Year | Design value | Unit 1  |         | Unit 2  |         |
|----------------|--------------|---------|---------|---------|---------|
|                |              | Maximum | Minimum | Maximum | Minimum |
| 2016-17        | 50           | 68.9    | 45.7    | 61.6    | 45.2    |
| 2017-18        |              | 52      | 37.8    | 52      | 33.4    |
| 2018-19        |              | 47.8    | 40.8    | 48.6    | 38.1    |

5.6.2 SCCL submitted that the emission levels of mercury and opacity are within the stipulated emission norms. The capital investment has been proposed for compliance to the emission norms of SO<sub>x</sub> and NO<sub>x</sub>.

5.6.3 The coal based TPPs have to achieve fly ash utilisation target of 100% as per the MoEF's notification dated 03.11.2009. Fly ash for this purpose includes all

kinds of ash generated such as ash in ESP, dry fly ash, bottom ash or pond ash. Further, the MoEF clearance for the project stipulates 100% fly ash utilisation from fourth year of operation. The unutilised ash of one period, if any, is permitted to be utilised in the ensuing years over and above 100% level of utilisation for the current year.

- 5.6.4 The fly ash generated from the project was used in cement plants, brick units, open cast mines of SCCL and manufacturing activity of fly ash-based products. The fly ash was also used for reclamation of low-lying areas by back filling in pit-heads. The bottom ash was utilised in the underground mines of SCCL. The ash utilisation rate was 88%, 91% and 106% for FY 2016-17, FY 2017-18 and FY 2018-19 (till January 2019) respectively. Effective ash management is an ongoing process and would be a key driver for complying with the norm of 100% fly ash utilisation.

***Commission's View***

- 5.6.5 The Commission has taken note of compliance status to environmental norms submitted by SCCL. The Commission has approved the capital investment towards FGD system and in-furnace modifications for complying with SO<sub>2</sub> and NO<sub>x</sub> emission norms.

**5.7 SAVING IN OPERATING COSTS**

***Petitioner's submission***

- 5.7.1 SCCL submitted the saving in operating costs of Rs.3.43 Crore and Rs.17.52 Crore for FY 2016-17 and FY 2017-18 respectively. SCCL submitted the non-tariff income of Rs.4.79 Crore, Rs.11.15 Crore and Rs.15.87 Crore for FY 2016-17, FY 2017-18 and FY 2018-19 respectively.

***Commission's View***

- 5.7.2 In accordance with Clause 7.2 of the Regulation No.1 of 2019, SCCL was required to submit the saving in operating costs for the Control Period from FY 2019-20 to FY 2023-24 whereas SCCL has submitted the saving in operating costs for the Control Period from FY 2016-17 to FY 2018-19.

**5.8 FINANCIAL STATEMENTS**

***Petitioner's submission***

- 5.8.1 The financial statements have been prepared for SCCL as a whole for each year of the Control Period from FY 2019-20 to FY 2023-24. The financial statements include balance sheet, profit and loss account and cash flow statement. The financials of the generating station have not been prepared separately as the same have been considered in the consolidated financials of SCCL. The financial projections have been submitted in compliance of Clause 7 of the Regulation No.1 of 2019 considering the proposed Capital Investment Plan and MYT which may act as guidance/projection to the financials of the generating station.

***Commission's View***

- 5.8.2 The Commission has taken note of SCCL submissions in this regard.

**5.9 OTHER NEW MEASURES FOR GENERATION BUSINESS*****Petitioner's submission***

- 5.9.1 Thermal power plants are required to be equipped with an efficient maintenance process for operations in order to achieve the stipulated operational norms. The critical business processes involved in the maintenance are preventive maintenance, corrective maintenance (to correct a break down condition), opportunity maintenance (maintenance done by exploiting the opportunity of shutdown condition of the plant) and predictive maintenance (condition-based monitoring). The maintenance effort is required to be enhanced by adopting automatic procedures to avoid human errors and resultant losses. The primary activities in any maintenance work are procurement of material and services, work clearance management (permit system), maintenance and refurbishment process.
- 5.9.2 The plant maintenance module is one of the packages under Enterprise Resource Planning (ERP) and is a well-recognised semi-automated maintenance management process used by prominent generating companies such as NTPC. This module is used at various levels in the decision-making process and helps in reducing the downtime and associated cost of machine downtime. This new initiative is expected to provide the deliverables from FY 2020-21 while the fine tuning of the system and adoption of the same by O&M

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executives may require another 1-2 years.

- 5.9.3 The existing lighting in the main plant and colony area comprising of sodium vapour lamps and compact fluorescent lamps is proposed to be replaced with LEDs which will result in savings in annual power consumption to the tune of 8.704 MU. The replacement would cost Rs.5 Crore. SCCL requested the Commission to allow one-time investment towards the same.

***Commission's View***

- 5.9.4 The Commission has taken note of SCCL's submission in this regard.

**Contd...**

## CHAPTER 6 ANALYSIS AND CONCLUSION ON MYT FOR FY 2019-20 TO FY 2023-24

### 6.1 REGULATORY PROVISIONS

6.1.1 The tariff for sale of electricity from a thermal generating station shall comprise of two parts namely, AFC and Energy Charges (for recovery of primary and secondary fuel cost). SCCL submitted the tariff proposals for FY 2019-20 to FY 2023-23 in its MYT Petition. Subsequently, SCCL in replies to datagaps dated 25.02.2020 submitted the revised tariff proposals for FY 2019-20 to FY 2023-24. The Commission has considered the revised submissions dated 25.02.2020. SCCL's submissions and Commission's analysis on MYT for the Control Period from FY 2019-20 to FY 2023-24 is detailed in the following paragraphs.

6.1.2 In accordance with Clause 7.19.4 of the Regulation No.1 of 2019, the Commission shall consider the impact of additional capitalisation on tariff during Mid-Term Review or tariff determination for the next Control Period as the case may be.

### 6.2 ANNUAL FIXED CHARGES (AFC)

6.2.1 The AFC shall comprise the following elements:

- i. Depreciation;
- ii. Interest and finance charges on loan;
- iii. Interest on working capital;
- iv. O&M expenses;
- v. Return on Equity; Minus
- vi. Non-Tariff Income;

### 6.3 DEPRECIATION

#### *Petitioner's submission*

6.3.1 SCCL has claimed the depreciation of Rs.437.35 Crore, Rs.443.02 Crore, Rs.456.87 Crore, Rs.486.19 Crore and Rs.507.48 Crore for FY 2019-20, FY 2020-21, FY 2021-22, FY 2022-23 and FY 2023-24 respectively.

6.3.2 SCCL requested the Commission to approve AAD of Rs.12.84 Crore for FY 2022-23 to meet the loan repayment obligation as per the loan agreement.



**Commission's View**

- 6.3.3 The Commission has approved the depreciation in accordance with Clause 10 of the Regulation No.1 of 2019 considering the approved GFA on true-up for FY 2018-19. In accordance with Clause 7.19.4 of the Regulation No.1 of 2019, the additional capitalisation has not been considered for tariff computations and the same shall be considered during Mid-Term Review or tariff determination for the next Control Period, as the case may be.
- 6.3.4 The depreciation claimed by SCCL and approved by the Commission is as shown in the Table below:

**Table 55: Depreciation for FY 2019-20 to FY 2023-24***(Rs. Crore)*

| Financial Year | Claimed        | Approved       |
|----------------|----------------|----------------|
| 2019-20        | 437.35         | 400.36         |
| 2020-21        | 443.02         | 400.36         |
| 2021-22        | 456.87         | 400.36         |
| 2022-23        | 486.19         | 400.36         |
| 2023-24        | 507.48         | 400.36         |
| <b>Total</b>   | <b>2330.92</b> | <b>2001.80</b> |

- 6.3.5 The variation in depreciation claimed by SCCL and approved by the Commission is on account of the variations in GFA base.
- 6.3.6 The Commission does not find merit in the SCCL's request to approve AAD to meet the loan repayment obligation as the tariff determination is done on normative basis.

**6.4 INTEREST AND FINANCE CHARGES ON LOAN****Petitioner's submission**

- 6.4.1 SCCL has claimed the interest on loan of Rs.484.39 Crore, Rs.447.73 Crore, Rs.420.59 Crore, Rs.412.40 Crore and Rs.391.11 Crore for FY 2019-20, FY 2020-21, FY 2021-22, FY 2022-23 and FY 2023-24 respectively.
- 6.4.2 The interest rate has been considered as the weighted average rate of interest for actual loan portfolio for FY 2018-19 adjusted for the sharing of savings on account of refinancing.

**Commission's View**

- 6.4.3 The Commission has approved the interest and finance charges on loan in accordance with Clause 12 of the Regulation No.1 of 2019. The outstanding

loan balance approved on true-up for FY 2018-19 has been considered as the opening loan balance for FY 2019-20. The approved depreciation has been considered as the normative repayment for the year. The weighted average interest rate of the actual loan portfolio has been considered as the rate of interest. The interest on loan has been calculated on the normative average loan balance for the year by applying the weighted average rate of interest. SCCL has not claimed any finance charges for the Control Period from FY 2019-20 to FY 2023-24.

- 6.4.4 The loan balances claimed by SCCL and considered by the Commission is as shown in the Table below:

**Table 56: Loan balances for FY 2019-20 to FY 2023-24**

(Rs. Crore)

| Financial Year | Claimed      |              | Approved     |              |
|----------------|--------------|--------------|--------------|--------------|
|                | Opening Loan | Closing Loan | Opening Loan | Closing Loan |
| 2019-20        | 4967.61      | 4530.26      | 4531.41      | 4131.05      |
| 2020-21        | 4530.26      | 4248.76      | 4131.05      | 3730.69      |
| 2021-22        | 4248.76      | 3998.12      | 3730.69      | 3330.33      |
| 2022-23        | 3998.12      | 4088.17      | 3330.33      | 2929.97      |
| 2023-24        | 4088.17      | 3580.69      | 2929.97      | 2529.61      |

- 6.4.5 From SCCL's submissions regarding the interest rate, it is clear that only the interest rates have been reduced and this cannot be treated as loan refinancing as claimed by SCCL. The Commission has considered the interest rate of 9.14% as against the claim of 10.20%.

- 6.4.6 The interest and finance charges claimed by SCCL and approved by the Commission is as shown in the Table below:

**Table 57: Interest and finance charges on loan for FY 2019-20 to FY 2023-24**

(Rs. Crore)

| Financial Year | Claimed        | Approved       |
|----------------|----------------|----------------|
| 2019-20        | 484.39         | 395.83         |
| 2020-21        | 447.73         | 359.24         |
| 2021-22        | 420.59         | 322.65         |
| 2022-23        | 412.40         | 286.06         |
| 2023-24        | 391.11         | 249.48         |
| <b>Total</b>   | <b>2156.22</b> | <b>1613.26</b> |

- 6.4.7 The variation in interest and finance charges claimed by SCCL and approved by the Commission is on account of the variations in loan balances and the interest rates.

**6.5 INTEREST ON WORKING CAPITAL (IoWC)**

***Petitioner's submission***

- 6.5.1 SCCL has claimed IoWC of Rs.96.92 Crore, Rs.103.86 Crore, Rs.112.23 Crore, Rs.123.21 Crore and Rs.135.06 Crore for FY 2019-20, FY 2020-21, FY 2021-22, FY 2022-23 and FY 2023-24 respectively.
- 6.5.2 SCCL has also claimed the IoWC of Rs.0.40 Crore for FY 2021-22, FY 2022-23 and FY 2023-24 towards additional cost of limestone, O&M expenses and maintenance spares for FGD system.

***Commission's View***

- 6.5.3 The Commission has approved IoWC in accordance with Clause 13 of the Regulation No.1 of 2019. In accordance with Clause 7.19.4 of the Regulation No.1 of 2019, the additional capitalisation has not been considered for tariff computations and the same shall be considered during Mid-Term Review or tariff determination for the next Control Period, as the case may be. Further, the Commission has not considered the IoWC towards the additional cost of limestone, O&M expenses and maintenance spares for FGD system and the same shall be considered at the time of true-up in accordance with the provisions of the Regulations.
- 6.5.4 The working capital requirement has been computed considering the following:
- Cost of coal towards stock corresponding to 30 days generation corresponding to target Availability.
  - Cost of coal for 30 days of generation corresponding to target Availability.
  - Cost of secondary fuel oil for two months of generation corresponding to target Availability.
  - Maintenance spares @ 20% of the O&M expenses.
  - O&M expenses for one month.
  - Receivables equivalent to two months of capacity charges and energy charges for sale of electricity calculated on target Availability.
  - Minus payables for fuel (including secondary fuel oil) to the extent of thirty days of the cost of fuel computed at target Availability.
- 6.5.5 The rate of IoWC has been considered as 10.05% which is equivalent to the Bank Rate plus 150 basis points as on filing date.
- 6.5.6 The IoWC claimed by SCCL and approved by the Commission is as shown in

the Table below:

**Table 58: IoWC for FY 2019-20 to FY 2023-24**

| (Rs. Crore)    |               |               |
|----------------|---------------|---------------|
| Financial Year | Claimed       | Approved      |
| 2019-20        | 96.92         | 80.40         |
| 2020-21        | 103.86        | 80.04         |
| 2021-22        | 112.23        | 79.84         |
| 2022-23        | 123.21        | 79.65         |
| 2023-24        | 135.06        | 79.63         |
| <b>Total</b>   | <b>571.29</b> | <b>399.56</b> |

6.5.7 The variation in IoWC claimed by SCCL and approved by the Commission is on account of variation in working capital.

## 6.6 O&M EXPENSES

### *Petitioner's submission*

6.6.1 SCCL has claimed O&M expenses of Rs.229.01 Crore, Rs.242.51 Crore, Rs.256.37 Crore, Rs.277.84 Crore and Rs.291.40 Crore for FY 2019-20, FY 2020-21, FY 2021-22, FY 2022-23 and FY 2023-24 respectively.

6.6.2 SCCL has also claimed additional O&M expenses of Rs.12.91 Crore and Rs.0.76 Crore for FGD system and NOx mitigation system respectively for FY 2021-22, FY 2022-23 and FY 2023-24.

### *Commission's View*

6.6.3 The Commission has gone through the computation of O&M expenses submitted by SCCL based on the actual expenses for FY 2016-17, FY 2017-18 and FY 2018-19. The Commission observed some computational errors in the same wherein the methodology specified in the Regulations has been applied incorrectly.

6.6.4 The O&M expenses comprises of (i) employee cost, (ii) R&M expenses and (iii) A&G expenses. Clause 19 of the Regulation No.1 of 2019 stipulates the methodology for determination of O&M expenses. The Commission's approval of O&M expenses for the Control Period from FY 2019-20 to FY 2023-24 has been detailed in the following paragraphs. In accordance with Clause 7.19.4 of the Regulation No.1 of 2019, the additional capitalisation has not been considered for tariff computations and the same shall be considered during Mid-Term Review or tariff determination for the next Control Period, as

the case may be.

**Employee cost:**

6.6.5 Clause 19.2 of the Regulation No.1 of 2019 stipulates as under:

**“19.2 Employee Cost (EMPn)**

*Employee cost shall be computed as per the approved norm escalated by CPI, adjusted by provisions for expenses beyond the control of the Generating Entity and one time expected expenses, such as recovery /adjustment of Terminal Benefits, implications of pay commission, arrears and interim relief, governed by the following formula*

$$EMPn = (EMPb \times CPI \text{ Inflation}) + Provision$$

*Where:*

*EMPn: Employee expense for the Year “n”;*

*EMPb: Employee expense as per the preceding Year;*

*For the first year of Control Period, expense shall be the average of the trued-up employee expenses after adding/deducting the share of efficiency gains/losses, for the immediately preceding Control Period, excluding abnormal, if any, subject to Prudence Check by the Commission.*

*CPI Inflation is the point to point change in the Consumer Price Index for Industrial Workers (all India) as per Labour Bureau, Government of India, as reduced by efficiency factor of 1% for immediately preceding Year;*

*CPI index source for one-month lag: Ministry of Statistics – GOI provided that in case CPI Inflation is a negative number, the escalation/ change shall be 0%.*

*Provision refers to provision for expenses beyond control of the Generating Entity and expected one-time expenses as specified above.”*

6.6.6 As per the above, the EMPb for FY 2019-20 shall be the average of the trued-up employee expenses after adding/deducting the share of efficiency gains/losses, for the immediately preceding Control Period i.e., FY 2016-17 to FY 2018-19, excluding abnormal, if any, subject to Prudence Check by the Commission.

6.6.7 The Commission had approved the composite normative O&M expenses for the Control Period from FY 2016-17 to FY 2018-19 without sharing of any gains/losses. Therefore, the Commission has worked out the employee cost out of the total approved O&M expenses for FY 2016-17, FY 2017-18 and FY 2018-19 considering the proportion of actual employee cost to the total O&M expenses for the respective years. As the Units were not in operation for full

year in FY 2016-17, the Commission has excluded the employee cost for FY 2016-17 and considered the average employee cost for FY 2017-18 and FY 2018-19 as EMPb for FY 2019-20.

- 6.6.8 The employee cost for FY 2019-20 and subsequent years of the Control Period has been computed by considering the CPI Inflation of 1.04 based on point-to-point change in CPI for industrial workers as per Labour Bureau, Gol for FY 2018-19 and thereafter reducing by an efficiency factor of 1%.
- 6.6.9 SCCL has claimed the provision equivalent to 5% of employee cost for FY 2019-20 for each year of the Control Period. The provision over and above the normative employee cost has been provided for expenses beyond the control of generating entity and one-time expected expenses such as recovery/adjustment of terminal benefits, implications of pay commission, arrears and interim relief. SCCL has not submitted any justification for its claim of provision in addition to the normative employee cost. Therefore, the Commission has not approved any amount towards provision in addition to the normative employee cost.
- 6.6.10 The computation of employee cost approved by the Commission is as shown in the Table below:

**Table 59: Employee cost computed for FY 2019-20 to FY 2023-24**

(Rs. Crore)

| Financial Year | EMPb   | CPI Inflation | Provision | EMPn          |
|----------------|--------|---------------|-----------|---------------|
| 2019-20        | 88.00  | 1.04          | 0.00      | 91.91         |
| 2020-21        | 91.91  | 1.04          | 0.00      | 95.99         |
| 2021-22        | 95.99  | 1.04          | 0.00      | 100.25        |
| 2022-23        | 100.25 | 1.04          | 0.00      | 104.70        |
| 2023-24        | 104.70 | 1.04          | 0.00      | 109.34        |
| <b>Total</b>   | -      | -             | -         | <b>502.17</b> |

- 6.6.11 The employee cost claimed by SCCL and computed by the Commission in accordance with Clause 19.2 of the Regulation No.1 of 2019 is as shown in the Table below:

**Table 60: Employee cost for FY 2019-20 to FY 2023-24**

(Rs. Crore)

| Financial Year | Claimed | Computed in accordance with Clause 19.2 |
|----------------|---------|---|
| 2019-20        | 95.36   | 91.91                                   |
| 2020-21        | 102.38  | 95.99                                   |
| 2021-22        | 109.95  | 100.25                                  |

| Financial Year | Claimed       | Computed in accordance with Clause 19.2 |
|----------------|---------------|---|
| 2022-23        | 118.09        | 104.70                                  |
| 2023-24        | 126.87        | 109.34                                  |
| <b>Total</b>   | <b>552.65</b> | <b>502.17</b>                           |

**R&M expenses:**

6.6.12 Clause 19.3 of the Regulation No.1 of 2019 stipulates as under:

**“19.3. Repairs and Maintenance Expense (R&Mn)**

*The expense shall be calculated as percentage (as per the norm defined) of Opening Gross Fixed Assets for the Year governed by following formula:*

$$\mathbf{R\&Mn = Kn \times GFAn \times WPI \text{ Inflation}}$$

*Where:*

*R&Mn: Repairs & Maintenance expense for  $n^{\text{th}}$  Year;*

*GFAn: Opening Gross Fixed Assets for  $n^{\text{th}}$  Year;*

*Kn: 'K' is the immediate preceding Control Period average (expressed in %) governing the relationship between R&M and Gross Fixed Assets (GFA);*

*WPI Inflation: point to point change in Wholesale Price Index (WPI) for immediately preceding Year;*

*Provided that in case WPI inflation is a negative number, the escalation/change shall be 0%.*

*Source for WPI – As published by Office of Economic Adviser – GOI”*

6.6.13 The Commission had approved the composite normative O&M expenses for the Control Period from FY 2016-17 to FY 2018-19. Therefore, the Commission has worked out the R&M expenses out of the total approved O&M expenses for FY 2016-17, FY 2017-18 and FY 2018-19 considering the proportion of actual R&M expenses to the total O&M expenses for the respective years.

6.6.14 The 'K' factor has been considered as 1.04% which is the average percentage of R&M expenses upon opening GFA for the Control Period from FY 2016-17 to FY 2018-19. The R&M expenses for each year of the Control Period has been arrived at by multiplying the approved opening GFA for the respective year with the 'K' factor of 1.04% and WPI Inflation.

6.6.15 The computation of R&M expenses computed by the Commission is as shown in the Table below:

**Table 61: R&M expenses computed for FY 2019-20 to FY 2023-24**

(Rs. Crore)

| Financial Year | Kn    | GfAn    | WPI Inflation | R&Mn          |
|----------------|-------|---------|---------------|---------------|
| 2019-20        | 1.04% | 7745.32 | 1.04          | 83.67         |
| 2020-21        | 1.04% | 7745.32 | 1.09          | 87.26         |
| 2021-22        | 1.04% | 7745.32 | 1.13          | 91.00         |
| 2022-23        | 1.04% | 7745.32 | 1.18          | 94.90         |
| 2023-24        | 1.04% | 7745.32 | 1.23          | 98.96         |
| <b>Total</b>   | -     | -       | -             | <b>455.79</b> |

6.6.16 The R&M expenses claimed by SCCL and computed by the Commission in accordance with Clause 19.3 of the Regulation No.1 of 2019 is as shown in the Table below:

**Table 62: R&M expenses for FY 2019-20 to FY 2023-24**

(Rs. Crore)

| Financial Year | Claimed       | Computed in accordance with Clause 19.3 |
|----------------|---------------|---|
| 2019-20        | 94.34         | 83.67                                   |
| 2020-21        | 98.95         | 87.26                                   |
| 2021-22        | 103.28        | 91.00                                   |
| 2022-23        | 114.54        | 94.90                                   |
| 2023-24        | 117.15        | 98.96                                   |
| <b>Total</b>   | <b>528.25</b> | <b>455.79</b>                           |

#### **A&G expenses**

6.6.17 Clause 19.4 of the Regulation No.1 of 2019 stipulates as under:

##### **"19.4. Administrative & General Expense (A&Gn)**

*A&G expense shall be computed as per the norm escalated by the inflation factor and adjusted by provisions for confirmed initiative (IT etc. initiatives as proposed by the Generating Entity and validated by the Commission) or other expected one-time expenses, and shall be governed by the following formula:*

$$\mathbf{A\&Gn = A\&Gfo * Inflation\ Factor) Provision}$$

*Where:*

*A&Gn: A&G expense for the Year "n";*

*A&Gfo: For the first Year of the Control Period, it shall be the average of the audited A&G expense for the immediately preceding 3 Financial Years if available, and for subsequent Years it shall be the preceding Year escalated by the inflation factor;*

*Inflation Factor: is the sum of the following:*

- > *point to point change in the Wholesale Price Index (WPI) numbers as per Office of Economic Advisor of Government of India for immediately Year reduced by an efficiency factor of 1% multiplied by 0.5.*
- > *point to point change in Consumer Price Index for Industrial Workers (all India) as per Labour Bureau, Government of India in the previous year, as reduced by an efficiency factor of 1% multiplied by 0.5.*



*Provided that in case inflation Factor is a negative number, the escalation/ change shall be 0%.*

*Provision: Cost for initiatives or other one-time expenses as proposed by the Generating Entity and validated by the Commission."*

- 6.6.18 Clause 19.6 of the Regulation No.1 of 2019 stipulates as under:  
*"19.6. Any expenditure on account of license fee, initial or renewal, fee for determination of tariff and audit fee shall be allowed on actual basis, over and above the A&G expenses approved by the Commission."*
- 6.6.19 As per the above, the A&Gfo for FY 2019-20 shall be the average of the audited A&G expenses for the immediately preceding 3 Financial Years i.e., FY 2016-17 to FY 2018-19. As the Units were not in operation for full year in FY 2016-17, the Commission has excluded the audited A&G expenses for FY 2016-17 and considered the average A&G expenses for FY 2017-18 and FY 2018-19 as A&Gfo for FY 2019-20.
- 6.6.20 The A&G expenses for FY 2019-20 and subsequent years of the Control Period has been computed by considering the Inflation Factor of 1.04 based on point-to-point change in CPI for industrial workers as per Labour Bureau, Gol and point-to-point change in WPI as Office of Economic Advisor, Gol for FY 2018-19 and applying the efficiency factor of 1% and multiplication factor of 0.5% as per the Regulations.
- 6.6.21 SCCL has claimed the provision equivalent to 5% of A&G expenses for FY 2019-20 for each year of the Control Period. The provision over and above the normative A&G expenses has been provided for initiatives or other one-time expenses. SCCL has not submitted any justification for its claim of provision in addition to the normative A&G expenses. Therefore, the Commission has not approved any amount towards provision in addition to the normative A&G expenses.
- 6.6.22 The computation of A&G expenses computed by the Commission is as shown in the Table below:

**Table 63: A&G expenses computed for FY 2019-20 to FY 2023-24**

(Rs. Crore)

| Financial Year | A&Gfo | Inflation Factor | Provision | A&Gn         |
|----------------|-------|------------------|-----------|--------------|
| 2019-20        | 29.53 | 1.04             | 0.00      | <b>30.67</b> |
| 2020-21        | 30.67 | 1.04             | 0.00      | <b>31.85</b> |
| 2021-22        | 31.85 | 1.04             | 0.00      | <b>33.08</b> |

| Financial Year | A&Gfo | Inflation Factor | Provision | A&Gn          |
|----------------|-------|------------------|-----------|---------------|
| 2022-23        | 33.08 | 1.04             | 0.00      | 34.36         |
| 2023-24        | 34.36 | 1.04             | 0.00      | 35.68         |
| <b>Total</b>   | -     | -                | -         | <b>165.64</b> |

6.6.23 The A&G expenses claimed by SCCL and computed by the Commission in accordance with Clause 19.4 of the Regulation No.1 of 2019 is as shown in the Table below:

**Table 64: A&G expenses for FY 2019-20 to FY 2023-24**

(Rs. Crore)

| Financial Year | Claimed       | Computed in accordance with Clause 19.4 |
|----------------|---------------|---|
| 2019-20        | 39.31         | 30.67                                   |
| 2020-21        | 41.18         | 31.85                                   |
| 2021-22        | 43.15         | 33.08                                   |
| 2022-23        | 45.21         | 34.36                                   |
| 2023-24        | 47.38         | 35.68                                   |
| <b>Total</b>   | <b>216.23</b> | <b>165.64</b>                           |

6.6.24 Clause 19.6 of the Regulation No.1 of 2019 provides for allowing expenses on account of license fee, initial or renewal, fee for determination of tariff and audit fee shall be allowed on actual basis, over and above the A&G expenses approved by the Commission. SCCL has not claimed any amount in this regard.

6.6.25 Clause 19.1 of the Regulation No.1 of 2019 stipulates as under:

*"The O&M expenses for each year of the Control Period shall be approved based on the formula shown below*

$$\text{O\&Mn} = (\text{R\&Mn} + \text{EMPn} + \text{A\&Gn}) \times 99\%$$

....."

6.6.26 Based on the above, the O&M expenses claimed by SCCL and approved by the Commission for FY 2019-20 to FY 2023-24 is as shown in the Table below:

**Table 65: O&M expenses for FY 2019-20 to FY 2023-24**

(Rs. Crore)

| Financial Year | Claimed       |               |               |                | Approved      |               |               |                     |                       |
|----------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------------|-----------------------|
|                | Employee cost | R&M expenses  | A&G expenses  | Total          | Employee cost | R&M expenses  | A&G expenses  | Total               | O&M expenses approved |
|                |               |               |               |                | (i)           | (ii)          | (iii)         | (iv)=(i)+(ii)+(iii) | (v)=(iv)x99%          |
| 2019-20        | 95.36         | 94.34         | 39.31         | 229.01         | 91.91         | 83.67         | 30.67         | 206.24              | 204.18                |
| 2020-21        | 102.38        | 98.95         | 41.18         | 242.51         | 95.99         | 87.26         | 31.85         | 215.09              | 212.94                |
| 2021-22        | 109.95        | 103.28        | 43.15         | 256.37         | 100.25        | 91.00         | 33.08         | 224.32              | 222.08                |
| 2022-23        | 118.09        | 114.54        | 45.21         | 277.84         | 104.70        | 94.90         | 34.36         | 233.95              | 231.61                |
| 2023-24        | 126.87        | 117.15        | 47.38         | 291.40         | 109.34        | 98.96         | 35.68         | 243.99              | 241.55                |
| <b>Total</b>   | <b>552.65</b> | <b>528.25</b> | <b>216.23</b> | <b>1297.13</b> | <b>502.17</b> | <b>455.79</b> | <b>165.64</b> | <b>1123.60</b>      | <b>1112.36</b>        |

**6.7 RETURN ON EQUITY (RoE)**

***Petitioner's submission***

6.7.1 SCCL has claimed RoE of Rs.501.51 Crore, Rs.508.35 Crore, Rs.523.92 Crore, Rs.557.05 Crore and Rs.581.45 Crore for FY 2019-20, FY 2020-21, FY 2021-22, FY 2022-23 and FY 2023-24 respectively.

6.7.2 The rate of RoE has been considered as 19.76% by grossing up the base rate of 15.50% with the MAT rate of 21.55%.

***Commission's View***

6.7.3 The Commission has approved RoE in accordance with Clause 11 of the Regulation No.1 of 2019. The approved equity on true-up for FY 2018-19 has been considered as the equity for FY 2019-20. The rate of RoE has been considered as 18.78% by grossing up the base rate of 15.50% with the MAT rate of 17.47%.

6.7.4 The equity base claimed by SCCL and approved by the Commission is as shown in the Table below:

**Table 66: Equity base for FY 2019-20 to FY 2023-24**

(Rs. Crore)

| Financial Year | Claimed        |                | Approved       |                |
|----------------|----------------|----------------|----------------|----------------|
|                | Opening Equity | Closing Equity | Opening Equity | Closing Equity |
| 2019-20        | 2538.30        | 2538.30        | 2323.60        | 2323.60        |
| 2020-21        | 2538.30        | 2607.53        | 2323.60        | 2323.60        |
| 2021-22        | 2607.53        | 2695.91        | 2323.60        | 2323.60        |
| 2022-23        | 2695.91        | 2942.87        | 2323.60        | 2323.60        |
| 2023-24        | 2942.87        | 2942.87        | 2323.60        | 2323.60        |

6.7.5 The RoE claimed by SCCL and approved by the Commission is as shown in the Table below:

**Table 67: RoE for FY 2019-20 to FY 2023-24**

(Rs. Crore)

| Financial Year | Claimed        | Approved       |
|----------------|----------------|----------------|
| 2019-20        | 501.51         | 436.40         |
| 2020-21        | 508.35         | 436.40         |
| 2021-22        | 523.92         | 436.40         |
| 2022-23        | 557.05         | 436.40         |
| 2023-24        | 581.45         | 436.40         |
| <b>Total</b>   | <b>2672.28</b> | <b>2181.98</b> |

**6.8 NON-TARIFF INCOME (NTI)**

***Petitioner's submission***

- 6.8.1 SCCL has claimed NTI of Rs.0.37 Crore for each year of the Control Period from FY 2019-20, FY 2020-21, FY 2021-22, FY 2022-23 and FY 2023-24.

**Commission's View**

- 6.8.2 Clause 16(a) of the Regulation No.1 of 2019 provides the tentative list of items that constitute NTI. The actual NTI for FY 2016-17, FY 2017-18 and FY 2018-19 is Rs. 4.70 Crore, Rs. 11.15 Crore and Rs. 15.87 Crore respectively. The Commission has provisionally considered average of NTI for the period from FY 2016-17 to FY 2018-19 and escalated the same upto FY 2019-20 by the annual escalation of 30%. The Commission has not considered any further escalation of NTI during the remaining years of Control Period.

- 6.8.3 The NTI claimed by SCCL and approved by the Commission is as shown in the Table below:

**Table 68: NTI for FY 2019-20 to FY 2023-24**

(Rs. Crore)

| Financial Year | Claimed     | Approved     |
|----------------|-------------|--------------|
| 2019-20        | 0.37        | 17.92        |
| 2020-21        | 0.37        | 17.92        |
| 2021-22        | 0.37        | 17.92        |
| 2022-23        | 0.37        | 17.92        |
| 2023-24        | 0.37        | 17.92        |
| <b>Total</b>   | <b>1.84</b> | <b>89.60</b> |

**6.9 ANNUAL FIXED CHARGES (AFC)**

**Commission's View**

- 6.9.1 Based on the above, the AFC claimed by SCCL and approved by the Commission is as shown in the Tables below:

**Table 69: AFC for FY 2019-20 to FY 2023-24**

(Rs. Crore)

| Particulars                                | FY 2019-20 |          | FY 2020-21 |          | FY 2021-22 |          |
|--|------------|----------|------------|----------|------------|----------|
|  | Claimed    | Approved | Claimed    | Approved | Claimed    | Approved |
| Depreciation                               | 437.35     | 400.36   | 443.02     | 400.36   | 456.87     | 400.36   |
| Advance Against Depreciation               | 0.00       | 0.00     | 0.00       | 0.00     | 0.00       | 0.00     |
| Interest on Loan                           | 484.39     | 395.83   | 447.73     | 359.24   | 420.59     | 322.65   |
| Interest on Working Capital                | 96.92      | 80.40    | 103.86     | 80.04    | 112.23     | 79.84    |
| Interest on Working Capital for FGD system | 0.00       | 0.00     | 0.00       | 0.00     | 0.40       | 0.00     |
| O&M expenses                               | 229.01     | 204.18   | 242.51     | 212.94   | 256.37     | 222.08   |
| O&M expenses for FGD system                | 0.00       | 0.00     | 0.00       | 0.00     | 12.91      | 0.00     |
| O&M expenses for NOx mitigation system     | 0.00       | 0.00     | 0.38       | 0.00     | 0.76       | 0.00     |

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| Particulars                 | FY 2019-20     |                | FY 2020-21     |                | FY 2021-22     |                |
|-----------------------------|----------------|----------------|----------------|----------------|----------------|----------------|
|                             | Claimed        | Approved       | Claimed        | Approved       | Claimed        | Approved       |
| Return on Equity            | 501.51         | 436.40         | 508.35         | 436.40         | 523.92         | 436.40         |
| Less: Non-tariff income     | 0.37           | 17.92          | 0.37           | 17.92          | 0.37           | 17.92          |
| <b>Annual Fixed Charges</b> | <b>1748.82</b> | <b>1499.25</b> | <b>1745.49</b> | <b>1471.06</b> | <b>1783.69</b> | <b>1443.41</b> |

| Particulars                                | FY 2022-23     |                | FY 2023-24     |                |
|--|----------------|----------------|----------------|----------------|
|  | Claimed        | Approved       | Claimed        | Approved       |
| Depreciation                               | 486.19         | 400.36         | 507.48         | 400.36         |
| Advance Against Depreciation               | 12.84          | 0.00           | 0.00           | 0.00           |
| Interest on Loan                           | 412.40         | 286.06         | 391.11         | 249.48         |
| Interest on Working Capital                | 123.21         | 79.65          | 135.06         | 79.63          |
| Interest on Working Capital for FGD system | 0.40           | 0.00           | 0.40           | 0.00           |
| O&M expenses                               | 277.84         | 231.61         | 291.40         | 241.55         |
| O&M expenses for FGD system                | 12.91          | 0.00           | 12.91          | 0.00           |
| O&M expenses for NOx mitigation system     | 0.76           | 0.00           | 0.76           | 0.00           |
| Return on Equity                           | 557.05         | 436.40         | 581.45         | 436.40         |
| Less: Non-tariff income                    | 0.37           | 17.92          | 0.37           | 17.92          |
| <b>Annual Fixed Charges</b>                | <b>1883.22</b> | <b>1416.16</b> | <b>1920.19</b> | <b>1389.49</b> |

## 6.10 ENERGY CHARGES

### *Petitioner's submission*

- 6.10.1 The energy charges have been computed based on Clause 21 of the Regulation No.1 of 2019. The energy charges for FY 2019-20 has been computed considering the fuel prices and GCV for the months of November 2018, December 2018 and January 2019. For the subsequent years, the fuel prices have been projected to increase at the rate of 7% and 10% for coal and oil respectively based on the actual increase during the period from April 2017 to January 2019. The energy bills shall be raised based on the actual fuel prices and GCV.
- 6.10.2 On conjoint reading of Clause 21.6, 21.7 and 21.10 of the Regulation No.1 of 2019, difficulty arises regarding the GCV of coal to be considered for determination of Energy Charge Rate (ECR). Clause 21.6 refer to as received GCV of coal whereas the Clause 21.7 and 21.10 refer to as fired GCV of coal.
- 6.10.3 SERCs are guided by the principles of CERC in specifying the Regulations as per Section 61(a) of the Act. The CERC (Terms and Conditions of Tariff) Regulations, 2019 stipulate the energy charge computation based on the GCV of coal as received less 85 kcal/kg. Further, CEA in its recommendations to CERC suggested a margin of 85-100 kcal/kg and 105-120 kcal/kg for pit head and non-pit head generating stations on account of GCV loss from that

measured at the unloading point till the firing point in the boiler. The Tariff Regulations of Maharashtra Electricity Regulatory Commission (MERC), Gujarat Electricity Regulatory Commission (GERC) and CERC provide for ECR computation based on CERC methodology or on the basis of as fired GCV of coal. SCCL requested the Commission to provide necessary clarifications in this regard.

- 6.10.4 The ECR claimed by SCCL for FY 2019-20 to FY 2023-24 is as shown in the Table below:

**Table 70: ECR claimed by SCCL for FY 2019-20 to FY 2023-24**

| Particulars                            | Unit           | FY<br>2019-20 | FY<br>2020-21 | FY<br>2021-22 | FY<br>2022-23 | FY<br>2023-24 |
|--|----------------|---------------|---------------|---------------|---------------|---------------|
| Auxiliary Consumption                  | %              | 7.00%         | 7.00%         | 7.00%         | 7.33%         | 8.50%         |
| Gross Station Heat Rate                | kcal/kWh       | 2400.00       | 2400.00       | 2400.00       | 2400.00       | 2400.00       |
| Secondary Fuel oil consumption         | ml/kWh         | 2.00          | 2.00          | 2.00          | 2.00          | 2.00          |
| Calorific Value of Secondary Fuel      | kcal/ml        | 9.99          | 9.99          | 9.99          | 9.99          | 9.99          |
| Landed Price of Secondary Fuel         | Rs./ml         | 0.05          | 0.06          | 0.07          | 0.08          | 0.09          |
| Wt. Avg. Gross Calorific Value of Coal | kcal/kg        | 3866.17       | 3866.17       | 3866.17       | 3866.17       | 3866.17       |
| Landed Price of Coal                   | Rs./kg         | 4.18          | 4.64          | 5.15          | 5.72          | 6.35          |
| Specific Coal Consumption              | kg/kWh         | 0.62          | 0.62          | 0.62          | 0.62          | 0.62          |
| <b>ECR</b>                             | <b>Rs./kWh</b> | <b>2.884</b>  | <b>3.205</b>  | <b>3.563</b>  | <b>3.975</b>  | <b>4.476</b>  |

#### **Commission's View**

- 6.10.5 Clause 21.6 of the Regulation No.1 of 2019 stipulates the methodology for determination of ECR which stipulates the GCV of coal to be considered on as received basis. Clause 21.7 and 21.10 of the Regulation No.1 of 2019 stipulate as under:

*"21.7. Provided that the details of blending ratio of the imported coal with domestic coal, proportion of e-auction coal and the weighted average GCV of the fuels as fired shall also be provided separately, along with the bills of the respective month....."*

*"2.10. Any variation in fuel prices on account of change in the Gross Calorific Value (GCV) of coal or gas or liquid fuel shall be adjusted on a monthly basis on the basis of average GCV of coal or gas or liquid fuel in stock, as fired and weighted average landed cost incurred by the Generating Entity for procurement of coal, oil or gas or liquid fuel, as the case may be for a Station."*

- 6.10.6 SCCL requested the Commission to provide necessary clarification regarding the GCV of coal to be considered for ECR computation in view of the difficulty arisen on conjoint reading of Clause 21.6, 21.7 and 21.10.
- 6.10.7 The Commission has gone through the submissions of SCCL and the stakeholders on this issue. The Commission clarifies that the 'as received'

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GCV as specified in Clause 21.6 is to be considered while determining the tariff under MYT provisions. As the benefit of GCV loss from 'pit head' to 'as fired' needs to be passed on to the generator, the same shall be taken care of in Clause 21.7 and Clause 21.10 which provides for adjustment of the variation in GCV considered in tariff determination and 'as fired' GCV. Therefore, the Commission rules that the monthly adjustment in variation in GCV of coal has to be carried out in accordance with Clause 21.10 of the Regulation No.1 of 2019.

6.10.8 The Commission, in the approval of Business Plan for the Control Period from FY 2019-20 to FY 2023-24, had approved the following norms of operation in accordance with Regulation No. 1 of 2019:

**Table 71: Norms of operation approved for the Control Period from FY 2019-20 to FY 2023-14**

| Parameter                                  | Units    | Approved |
|--|----------|----------|
| Normative Annual Plant Availability Factor | %        | 85%      |
| Normative Annual PLF                       | %        | 85%      |
| Auxiliary Consumption                      | %        | 5.75%    |
| Gross Station Heat Rate                    | kcal/kWh | 2303.88  |
| Secondary Fuel Oil Consumption             | ml/kWh   | 0.50     |
| Transit Loss                               | %        | 0.80%    |

6.10.9 SCCL has claimed the energy charges for the Control Period from FY 2019-20 to FY 2023-24 by considering the year-on-year escalation in fuel prices. SCCL has considered the annual escalation of 11% and 15% for Coal and Secondary Fuel Oil prices.

6.10.10 Clause 21.10 of the Regulation No. 1 of 2019 provides for monthly adjustment of variation in fuel prices on account of any variations in GCV and prices of fuels. Therefore, the Commission has computed the base ECR considering tentatively the fuel prices and GCV for the months of January to March 2019. The tentative fuel prices and GCV considered by the Commission for computing the Base ECR is as shown in the Table below:

**Table 72: Tentative fuel prices and GCV considered by the Commission**

| Particulars                            | Units   | Value   |
|--|---------|---------|
| Calorific Value of Secondary Fuel      | kcal/ml | 9.97    |
| Landed Price of Secondary Fuel         | Rs./ml  | 0.04    |
| Wt. Avg. Gross Calorific Value of Coal | kcal/kg | 3866.17 |
| Landed Price of Coal                   | Rs./kg  | 3.68    |

6.10.11 Based on the above norms of operation and tentative fuel prices and GCV, the Base ECR computed by the Commission is as shown in the Table below:

**Table 73: Base ECR computed by the Commission**

| Particulars                            | Units          | Value        |
|--|----------------|--------------|
| Auxiliary Consumption                  | %              | 5.75%        |
| Gross Station Heat Rate                | kcal/kWh       | 2303.88      |
| Secondary Fuel oil consumption         | ml/kWh         | 0.50         |
| Calorific Value of Secondary Fuel      | kcal/ml        | 9.97         |
| Landed Price of Secondary Fuel         | Rs./ml         | 0.04         |
| Wt. Avg. Gross Calorific Value of Coal | kcal/kg        | 3866.17      |
| Landed Price of Coal                   | Rs./kg         | 3.68         |
| Specific Coal Consumption              | kg/kWh         | 0.59         |
| <b>ECR</b>                             | <b>Rs./kWh</b> | <b>2.345</b> |

6.10.12 The variation in fuel prices and GCV shall be billed in accordance with the provisions of the Regulation No. 1 of 2019.

6.10.13 The indicative total tariff based on the above is as shown in the Table below:

**Table 74: Indicative total tariff for FY 2019-20 to FY 2023-24**

| Particulars                         | FY 2019-20         |                              | FY 2020-21         |                              | FY 2021-22         |                              | FY 2022-23         |                              | FY 2023-24         |                              |
|-------------------------------------|--------------------|------------------------------|--------------------|------------------------------|--------------------|------------------------------|--------------------|------------------------------|--------------------|------------------------------|
|                                     | Project ed by SCCL | Compute d by the Commiss ion | Project ed by SCCL | Compute d by the Commiss ion | Project ed by SCCL | Compute d by the Commiss ion | Project ed by SCCL | Compute d by the Commiss ion | Project ed by SCCL | Compute d by the Commiss ion |
| Net Generation (MU)                 | 8929.65            | 8444.50*                     | 8905.26            | 8421.43*                     | 8873.45            | 8421.43*                     | 8761.62            | 8421.43*                     | 8785.63            | 8444.50*                     |
| AFC (Rs. Crore)                     | 1748.82            | 1499.25                      | 1745.49            | 1471.06                      | 1783.69            | 1443.41                      | 1883.22            | 1416.16                      | 1920.19            | 1389.49                      |
| AFC per unit (Rs./kWh) (indicative) | 1.958              | 1.775                        | 1.960              | 1.747                        | 2.010              | 1.714                        | 2.149              | 1.682                        | 2.186              | 1.645                        |
| Base ECR (Rs./kWh)                  | 2.884              | 2.345                        | 3.205              | 2.345                        | 3.563              | 2.345                        | 3.975              | 2.345                        | 4.476              | 2.345                        |
| Total Tariff (Rs./kWh) (indicative) | <b>4.842</b>       | <b>4.120</b>                 | <b>5.165</b>       | <b>4.091</b>                 | <b>5.573</b>       | <b>4.059</b>                 | <b>6.125</b>       | <b>4.026</b>                 | <b>6.662</b>       | <b>3.990</b>                 |

\*Corresponding to NAPLF of 85%

\*\*The variations in fuel prices and GCV shall be billed in accordance with the provisions of the Regulation No. 1 of 2019

## 6.11 COMMISSION'S DIRECTIVES

6.11.1 The Commission's earlier Directives and new Directives issued in this Order are enclosed at Appendix B.

## 6.12 I.A.No.2 OF 2020 IN O.P.No.5 OF 2019

6.12.1 The Commission had passed an order dated 08.02.2020 directed the DISCOMs to pay the tariff as applicable for FY 2018-19 for the energy supplied by the Petitioner from 01.04.2019 till the disposal of the Original Petition. As the Commission is now passing the final Order determining the



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Tariffs for Control Period from FY 2019-20 to FY 2023-24, no further action in the above said I.A. is required and accordingly the same stands closed.

**6.13 APPLICABILITY**

6.13.1 The Generation Tariffs determined for each year of the Control Period from FY 2019-20 to FY 2023-24 are applicable from 1<sup>st</sup> April to 31<sup>st</sup> March of the respective Financial Year. However, as FY 2019-20 and few months of FY 2020-21 are over, the Commission directs the Petitioner to recover/adjust the difference in revenue recoverable in accordance with the Tariff approved in this Order vis-a-vis the Tariff charged from April 2019 till the issue of this Order in 6 equal monthly instalments. For FY 2020-21, the Generation Tariffs are applicable w.e.f. 01.09.2020.

**This Order is corrected and signed on this the 28<sup>th</sup> day of August, 2020.**

**Sd/-  
(BANDARU KRISHNAIAH)  
MEMBER**

**Sd/-  
(M.D.MANO HAR RAJU)  
MEMBER**

**Sd/-  
(T.SRIRANGA RAO)  
CHAIRMAN**

## APPENDIX A SCHEDULE OF APPROVED TARIFF

1. The AFC approved by the Commission for the Control Period from FY 2019-20 to FY 2023-24 is as shown in the Table below:

| Particulars                                | (Rs. Crore)    |                |                |                |                |
|--|----------------|----------------|----------------|----------------|----------------|
|  | FY<br>2019-20  | FY<br>2020-21  | FY<br>2021-22  | FY<br>2022-23  | FY<br>2023-24  |
| Depreciation                               | 400.36         | 400.36         | 400.36         | 400.36         | 400.36         |
| Advance Against Depreciation               | 0.00           | 0.00           | 0.00           | 0.00           | 0.00           |
| Interest on Loan                           | 395.83         | 359.24         | 322.65         | 286.06         | 249.48         |
| Interest on Working Capital                | 80.40          | 80.04          | 79.84          | 79.65          | 79.63          |
| Interest on Working Capital for FGD system | 0.00           | 0.00           | 0.00           | 0.00           | 0.00           |
| O&M expenses                               | 204.18         | 212.94         | 222.08         | 231.61         | 241.55         |
| O&M expenses for FGD system                | 0.00           | 0.00           | 0.00           | 0.00           | 0.00           |
| O&M expenses for NOx mitigation system     | 0.00           | 0.00           | 0.00           | 0.00           | 0.00           |
| Return on Equity                           | 436.40         | 436.40         | 436.40         | 436.40         | 436.40         |
| Less: Non-tariff income                    | 17.92          | 17.92          | 17.92          | 17.92          | 17.92          |
| <b>Annual Fixed Charges</b>                | <b>1499.25</b> | <b>1471.06</b> | <b>1443.41</b> | <b>1416.16</b> | <b>1389.49</b> |

2. The norms of operation approved for the Control Period from FY 2019-20 to FY 2023-24 is as shown in the Table below:

| Parameter                                  | Units    | Approved |
|--|----------|----------|
| Normative Annual Plant Availability Factor | %        | 85%      |
| Normative Annual PLF                       | %        | 85%      |
| Auxiliary Consumption                      | %        | 5.75%    |
| Gross Station Heat Rate                    | kcal/kWh | 2303.88  |
| Secondary Fuel Oil Consumption             | ml/kWh   | 0.50     |
| Transit Loss                               | %        | 0.80%    |

3. The Base ECR computed by the Commission is as shown in the Table below:

| Particulars                                      | Units          | Value        |
|--|----------------|--------------|
| Auxiliary Consumption                            | %              | 5.75%        |
| Gross Station Heat Rate                          | kcal/kWh       | 2303.88      |
| Secondary Fuel oil consumption                   | ml/kWh         | 0.50         |
| Calorific Value of Secondary Fuel                | kcal/ml        | 9.97         |
| Landed Price of Secondary Fuel                   | Rs./ml         | 0.04         |
| Weighted. Average. Gross Calorific Value of Coal | kcal/kg        | 3866.17      |
| Landed Price of Coal                             | Rs./kg         | 3.68         |
| Specific Coal Consumption                        | kg/kWh         | 0.59         |
| <b>ECR</b>                                       | <b>Rs./kWh</b> | <b>2.345</b> |

4. The computation and payment of Capacity Charges and Energy Charges shall be in accordance with the provisions of the Regulation No.1 of 2019.
5. Incentive for higher PLF shall be in accordance with the provisions of the Regulation No.1 of 2019.

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## APPENDIX B COMMISSION'S DIRECTIVES

### EARLIER DIRECTIVES

**1. Coal Swapping**

SCCL should actively pursue the issue of coal allocation for its generating station with the Ministry of Coal so that the cumbersome task of transportation of coal from Naini coal block in Odisha and associated losses in quantity and GCV could be mitigated by procuring coal from its own mines which are closer to its generating station.

### NEW DIRECTIVES

**2. True-up for FY 2016-17 to FY 2018-19**

**(Para 4.22.2)** The Commission directs SCCL to bill the differential AFC recoverable/refundable for the period from FY 2016-17 to FY 2018-19 as per the AFC approved after true-up approved in this Order.

**(Para 4.23.3)** The Commission directs SCCL to take up the issue of water charges with the DISCOMs.

**3. Billing disputes (Para 4.24.10)**

The Commission directs SCCL to file a separate Petition on the billing disputes.

**4. MYT for FY 2019-20 to FY 2023-24**

**(Para 5.2.7)** The Commission directs SCCL to submit its proposal of additional auxiliary consumption for FGD in its Mid-Term Review Petition for the consideration of the Commission.

**(Para 5.5.3)** The Commission directs SCCL to submit the status of the efficiency improvement measures implemented by SCCL and the results of the same in its Mid-Term Review Petition.

**(Para 6.13.1)** The Commission directs the Petitioner to recover/adjust the difference in revenue recoverable in accordance with the Tariff approved in this Order vis-a-vis the Tariff charged from April 2019 till the issue of this Order in 6 equal monthly instalments.

**ANNEXURE 1  
PUBLIC NOTICE**

**TELANGANA STATE ELECTRICITY REGULATORY COMMISSION**



11-4-660, 5th Floor, Singareni Bhavan, Red Hills, Hyderabad.

Ph: (040) 23397625/ 23311125 to 28

Fax No. (040) 23397489 Website www.tserc.gov.in

**PRESS RELEASE**

**O. P. No. 4 of 2019, O. P. No. 5 of 2018, O. P. No. 8 of 2020 & O. P. No. 9 of 2020**

Singareni Collieries Company Limited (SCCL) has filed petitions under sections 62 and 86 (1) (a) of Electricity Act, 2003 (Act, 2003) read with the Telangana State Electricity Regulatory Commission (Terms and Conditions of Generation Tariff) Regulation, 2019 (Regulation No. 1 of 2019) seeking approval for 2 X 600 MW of its Singareni Thermal Power Plant (STTP) in the following petitions.

a) Aggregate revenue requirement and tariff for the period from 01.04.2019 to 31.03.2024. b) Truing up of tariff for the period FY 2016-2019. c) Business plan for the period from 01.04.2019 to 31.03.2024. d) Capital investment plan for the period FY 2016-2019.

Interested persons may offer comments, objections and suggestions in the matter by 12.08.2020.

The Commission will hear the petitioner and other stakeholders including the DISCOMs with regard to the above matter on 18.03.2020 at the Commission's court hall in Hyderabad. Complete details on the above matter are available on [www.tserc.gov.in](http://www.tserc.gov.in) and [www.sccminas.com](http://www.sccminas.com)

Place: Hyderabad

Sd/-

Date: 18.02.2020

PR/2019-20/STPP/SLK/117

**COMMISSION SECRETARY (FAC)**

# తెలంగాణ స్టేట్ ఎలక్ట్రిసిటీ రెగ్యులేటరీ కమిషన్



11-4-860 3వ అంతస్తు, సింగరేణి భవన్, రెడ్ హిల్స్, హైదరాబాద్.  
ఫోన్: (040) 233971600 / 23311160 మరియు 28 ఫ్యాక్స్ నెం. (040) 23397480  
వెబ్సైట్ [www.tserc.gov.in](http://www.tserc.gov.in)

## విజ్ఞాన ప్రకటన

**O. P. No. 4 of 2019, O. P. No. 5 of 2019, O. P. No. 6 of 2020 & O. P. No. 9 of 2020**

సింగరేణి కాలనీస్ కంపెనీ లిమిటెడ్ (SCCL) తమ సింగరేణి థర్మల్ పవర్ ప్లాంట్ (STTP), 2x600 MW యొక్క ఈ గ్రేడ్ తెలిపిన అభ్యర్థనలకు అమోదం కోరుతూ తెలంగాణ స్టేట్ ఎలక్ట్రిసిటీ రెగ్యులేటరీ కమిషన్ (అనరేషన్ ఓరీఫ్ యొక్క నియమ నిబంధనలు) రెగ్యులేషన్, 2019 (రెగ్యులేషన్ నెం. 1 ఆఫ్ 2019)లో పేర్కొనబడిన విద్యుత్ చట్టం 2008 (చట్టం, 2009)లోని సెక్షన్లు 62 మరియు 86 (1) (a) గ్రేడ్ దరఖాస్తును దాఖలు చేసింది.

a) 01.04.2019 నుండి 31.03.2024 వరకు గల కాలానికి వార్షిక రెవెన్యూ అవశ్యతక మరియు ఓరీఫ్; b) FY 2016-2019 కాలానికి ఓరీఫ్ ప్రూయింగ్ అవ్; c) 01.04.2019 నుండి 31.03.2024 వరకు గల కాలానికి వ్యాపార ప్రకాశిక; d) FY 2019-2024 వరకు గల కాలానికి మూలధన వెల్లుది ప్రకాశిక.

దీనికి సంబంధించి అభ్యర్థనలకు / సూచనలు / అభిప్రాయాలు తెలియజేయవలసినట్లు వారు తేదీ: 12.03.2020 లోపు కమిషన్ కృత్రిక రీసెంజింగ్ ద్వారా పై విషయంపై కమిషన్ 18.03.2020 DISCOMs తో సహా కమిషన్ మరియు అవక ఫీల్డ్ ఆఫీసర్లను హైదరాబాద్లోని కమిషన్ ఓఫీస్లో విధానిస్తుంది. ఈ విషయానికి సంబంధించి వార్షిక సమాచారం [www.tserc.gov.in](http://www.tserc.gov.in) మరియు [www.socaminres.com](http://www.socaminres.com)లో చూడవచ్చు.

ప్రతిపాదన ప్రాతిపదిక  
తేదీ: 19.03.2020

PR/2019-20/STPP/SLK/117

సం/ఎ  
కమిషన్ సెక్రటరీ (FAC)

## تلنگانہ اسٹیٹ الیکٹریسیٹی ریگولٹری کمیشن

11-4-660 پنچہویں منزل 'سنگاروتی بھون' ویڈ ہلز 'حیدرآباد

فون : 23397625/2 23311125 to 28 (040)

فیکس نمبر : 23397499 (040) ویب سائٹ : www.tserc.gov.in



### پوریشہ ریگولٹری

O.P.No. 4 of 2019, No.O.P. 5 of 2019, O.P.No. 8 of 2020 & O.P.No. 9 of 2020

سنگاروتی کارپوریشن (ایس ٹی ای) کے لیے سب ڈیل پمپنگ اسٹیشن میں اس کے سنگاروتی عملی طور پر پلاٹ (ایس ٹی ای) کے 2x500MW کے لئے مہواری کے حصول کیلئے اکثریتی ایکٹ 2003 (ایکٹ 2003) کے پمپنگ اسٹیشن اور 86(1)(a) کے مطابق ملاحظہ ہو سنگاروتی اسٹیٹ الیکٹریسیٹی ریگولٹری کمیشن (جوزیشن لیف کے قواعد و ضوابط) کے ایکٹ 2019 (ریگولیشن نمبر 1 of 2019) پمپنگ اسٹیشن داخل کی ہیں۔

ذات 01-04-2019 تا 31-03-2024 کیلئے مجموعی ریٹس و شرائط اور ٹریفک (a) مالی سال 2016-2019 کی مدت کے لئے ٹریفک کا ٹریک اپ (c) ذات 01-04-2019 تا 31-03-2024 کیلئے پوریشہ پلان (d) مالی سال 2016-2019 کی مدت کے لئے کپٹل الوہ اسٹیکٹ پلان۔

خواہشمند ہوں کہ اس معاملہ میں پوریشہ کی اعتراضات اور تہاڑج لائی کر سکتے ہیں۔

یکشن 18-03-2020 کو حیدرآباد میں کمیشن کے کورٹ ہال میں مذکورہ بالا معاملہ سے متعلق پمپنگ اسٹیشن اور دیگر اسٹیک ہولڈرز بشمول ڈس کامس (DISCOMS) کو سماعت کرنے گا۔ مذکورہ بالا معاملہ میں مکمل تفصیلات : www.tserc.gov.in اور

www.secmilines.com پر دستیاب ہیں۔

شروع شدہ دستخط

مقام : حیدرآباد

کمیشن اسٹریٹوی (ایف ایف ایس)

تاریخ : 19-02-2020

PR/2016-20/STPP/SLK/17

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TSERC

**ANNEXURE 2**  
**LIST OF STAKEHOLDERS WHO SUBMITTED**  
**THE WRITTEN COMMENTS/OBJECTIONS/SUGGESTIONS**

| <b>Sl. No.</b> | <b>Name and address of the stakeholder</b>   |
|----------------|--|
| 1              | Sri M.Venugopala Rao, Senior Journalist & Convenor, Centre for Power Studies, H.No.1-100/MP/101, Monarch Prestige, Journalists' Colony, Gopanpally, Serlingampally Mandal, Hyderabad – 500 032 |
| 2              | Sri M.Thimma Reddy, Convenor, People's Monitoring Group on Electricity Regulation, 139, Kakatiyanagar, Hyderabad - 500 008   |
| 3              | Southern Power Distribution Company of Telangana Ltd., Corporate Office, 6-1-50, Mint Compound, Hyderabad  |

**ANNEXURE 3**  
**LIST OF STAKEHOLDERS WHO PARTICIPATED IN**  
**VIRTUAL PUBLIC HEARING BY VIDEO CONFERENCE**  
**HELD ON 23.07.2020**

| <b>Sl. No.</b> | <b>Name and address of the stakeholder</b>   |
|----------------|--|
| 1              | Sri M.Venugopala Rao, Senior Journalist & Convenor, Centre for Power Studies, H.No.1-100/MP/101, Monarch Prestige, Journalists' Colony, Gopanpally, Serlingampally Mandal, Hyderabad – 500 032 |
| 2              | Southern Power Distribution Company of Telangana Ltd., Corporate Office, 6-1-50, Mint Compound, Hyderabad  |





**Annexure -C : The detailed capital cost for FY 2022-23**



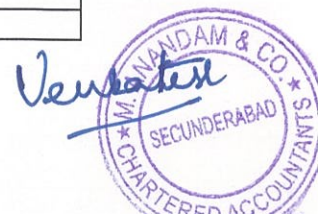
(186)

**M. ANANDAM & CO.,**  
CHARTERED ACCOUNTANTS

**The Singareni Collieries Company Ltd**  
( A Government Company)  
**2x600 MW Singareni Thermal Power Project**  
Jaipur ( V & M) Pin 504216 Mancheril Dist Telangana State

**Statement showing break-up of Actual capital cost of STPP upto 31.03.2023 & 30.09.2023**

| (Rs. Crore)   |                          |                         |                         |                              |
|---|--------------------------|-------------------------|-------------------------|------------------------------|
| DPR Head  | Revised Cost Estimate -2 | Actual as on 31.03.2023 | Actual as on 30.09.2023 | Spill Over Beyond 30.09.2023 |
| <b>1. BTG Package</b>   |                          |                         |                         |                              |
| BTG Total   | 4934.50                  | 4,930.11                | 4,930.44                | 4.06                         |
| <b>2. BOP Package</b>   |                          |                         |                         |                              |
| BOP Total   | 1020.00                  | 1,013.25                | 1,013.68                | 6.32                         |
| <b>3. SCCL Scope works</b>                                      |                          |                         |                         |                              |
| Land  | 50.00                    | 53.11                   | 53.11                   | -3.11                        |
| Survey & Soil Investigation                                     | 0.30                     | 0.14                    | 0.14                    | 0.16                         |
| Site Dev Enabling Temp Sheds                                    | 24.00                    | 24.95                   | 24.95                   | -0.95                        |
| Roads & Culverts  | 20.00                    | 14.09                   | 14.09                   | 5.91                         |
| Coal transport roads  | 52.00                    | 50.87                   | 50.94                   | 1.06                         |
| Boundary walls  | 19.00                    | 17.19                   | 17.19                   | 1.81                         |
| Reservoir   | 58.00                    | 55.06                   | 55.14                   | 2.86                         |
| Water supply-1 TMC  | 85.00                    | 84.22                   | 84.22                   | 0.78                         |
| Water supply-2 TMC(incl elec)                                   | 293.00                   | 319.35                  | 319.35                  | -26.35                       |
| Gate complex Security etc                                       | 5.40                     | 3.08                    | 3.12                    | 2.28                         |
| Rly Siding*   | 380.00                   | 348.67                  | 348.90                  | 31.10                        |
| Township & GH   | 145.00                   | 121.40                  | 121.84                  | 23.16                        |
| Environment   | 4.00                     | 1.37                    | 1.37                    | 2.63                         |
| Mandatory capital expenditure under MoEF clearance              | 22.10                    | 18.47                   | 18.52                   | 3.58                         |
| Weigh bridges fire tender etc                                   | 2.00                     | 2.28                    | 2.28                    | -0.28                        |
| Start up power & commcn eqpt                                    | 49.00                    | 49.01                   | 49.01                   | -0.01                        |
| Construction power  | 30.00                    | 24.40                   | 24.40                   | 5.60                         |
| Furniture & office automation                                   | 6.00                     | 5.53                    | 5.62                    | 0.38                         |
| <b>Misc Expenditure:</b>  | <b>8.00</b>              | <b>7.31</b>             | <b>7.31</b>             | <b>0.69</b>                  |
| Eshtablishing store yard  |                          | 0.35                    | 0.35                    |                              |
| Procurement open well submersible pupms                         |                          | 0.34                    | 0.34                    |                              |
| Utensils & Kitchen items for CISF                               |                          | 0.03                    | 0.03                    |                              |
| Hand held metal analyzer  |                          | 0.17                    | 0.17                    |                              |
| Filteration machines for various lube oils                      |                          | 1.47                    | 1.47                    |                              |
| Procurement of light fittings cables towers and street lighting |                          | 1.57                    | 1.57                    |                              |
| Construction of open shed (PTH)                                 |                          | 0.31                    | 0.31                    |                              |
| EOT crane in STPP   |                          | 0.33                    | 0.33                    |                              |
| Godrej racking system for STPP stores                           |                          | 2.75                    | 2.75                    |                              |
| BAY CCT & CVTs  | 28.70                    | 30.74                   | 30.74                   | -2.04                        |
| <b>SCCL ScopeTotal</b>  | <b>1,281.50</b>          | <b>1,231.23</b>         | <b>1,232.23</b>         | <b>49.27</b>                 |



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## Statement showing break-up of Actual capital cost of STPP upto 31.03.2023 &amp; 30.09.2023

| DPR Head                     | Cost Approved as per Revised Cost Estimate -2 | Actual as on 31.03.2023 | Actual as on 30.09.2023 | Spill Over Beyond 30.09.2023 |
|------------------------------|---|-------------------------|-------------------------|------------------------------|
| <b>4. OTHERS</b>             |   |                         |                         |                              |
| Contingencies                | 5.00  | 8.14                    | 8.14                    | -3.14                        |
| Establishment costs          | 94.00   | 105.13                  | 105.13                  | -11.13                       |
| Consultancy & Engg           | 120.00  | 120.33                  | 120.33                  | -0.33                        |
| Start up fuel                | 41.00   | 40.20                   | 40.20                   | 0.80                         |
| Operator Training            | -   | -                       | -                       | -                            |
| Development exp              | -   | -                       | -                       | -                            |
| Margin Money                 | -   | -                       | -                       | -                            |
| Financing Expenses           | 1.00  | 1.00                    | 1.00                    | -                            |
| Interest during construction | 1,266.00                                      | 1,264.34                | 1,264.34                | 1.66                         |
| O&M-Expenditure upto COD     | 17.00   | 17.00                   | 17.00                   | -                            |
| <b>Others Total</b>          | <b>1544.00</b>                                | <b>1,556.14</b>         | <b>1,556.14</b>         | <b>-12.14</b>                |
| <b>Grand Total</b>           | <b>8780.00</b>                                | <b>8,730.73</b>         | <b>8,732.49</b>         | <b>47.51</b>                 |

\* Railway Expenditure is inclusive of CCDAC Claim of Rs.164.22 crs

## Notes:

1. The heading of "CSR expenditure" has been changed to "Mandatory capital expenditure under MoEF clearance" in accordance with the observation made by the Hon'ble Commission in tariff order dt 19.06.2017.
2. This certification shows the Capital Expenditure of BTG package with out considering the Liquidated damages of Rs 27.73 Crs and penalty for technical deviation of Rs 1.24 crs levied on BHEL, the contractor of the BTG package.
3. This certification shows the Capital Expenditure of BOP package without considering the Liquidated damages of Rs 97.30 Crs levied on M/s MBE, the contractor of BOP package.
4. The Capital expenditure on spill over items shown in the statement is computed as a difference between the approved expenditure as per RCE-2 and actual expenditure as on 30.09.2023. Though some of the projected expenditures are showing negative balances, it is stated that expenditure on different spill over items will be managed to keep overall expenditure of spill over items within approved balance of Rs 47.51 Crs.
5. Generator Rotor was purchased due to failure of old rotor at a cost of Rs 35.59 Crore from BHEL included in BTG
6. Additional capital expenditure amount of Rs 5.61 Crs was paid to TSTRANSCO towards Metering Bays for 400 KV STPP Ramadugu-Gajwel Feeders-1&2 and 400KV STPP Sundilla-Nirmal Feeders 1&2 along with the 2 Nos 400KV extension bays at STPP.

*Venkat*

ANANDAM & CO. \* SRINAGAR  
CHARTERED ACCOUNTANTS



## Statement of liability

Name of the Company:

The Singareni Collieries Company Limited

Name of the Power Station:

Singareni Thermal Power Plant

(Rs. Crore)

| Sl. No. | Breakdown                                   | Actual capital cost as on 31.03.2023 | Amount Disbursed upto 31.03.2023 | Liability as on 31.03.2023 | Actual capital cost as on 30.09.2023 | Amount Disbursed upto 30.09.2023 | Liability as on 30.09.2023 |
|---------|---|--------------------------------------|----------------------------------|----------------------------|--------------------------------------|----------------------------------|----------------------------|
| (1)     | (2)   |                                      |                                  |                            |                                      |                                  |                            |
| 1       | <b>BTG package</b>                          |                                      |                                  |                            |                                      |                                  |                            |
| 1.1     | BTG Supply                                  |                                      |                                  |                            |                                      |                                  |                            |
| 1.2     | BTG Erection                                |                                      |                                  |                            |                                      |                                  |                            |
| 1.3     | BTG Freight                                 |                                      |                                  |                            |                                      |                                  |                            |
| 1.4     | BTG Civil                                   |                                      |                                  |                            |                                      |                                  |                            |
| 1.5     | Subtotal                                    |                                      |                                  |                            |                                      |                                  |                            |
| 1.6     | PVC   |                                      |                                  |                            |                                      |                                  |                            |
| 1.7     | Increase in taxes and duties                |                                      |                                  |                            |                                      |                                  |                            |
| 1.8     | <b>BTG Grand Total</b>                      | <b>4,930.11</b>                      | <b>4,930.11</b>                  | <b>-</b>                   | <b>4,930.44</b>                      | <b>4,930.44</b>                  | <b>-</b>                   |
| 2       | <b>BOP package</b>                          |                                      |                                  |                            |                                      |                                  |                            |
| 2.1     | BOP Mechanical & Electrical (supply)        |                                      |                                  |                            |                                      |                                  |                            |
| 2.2     | BOP Civil                                   |                                      |                                  |                            |                                      |                                  |                            |
| 2.3     | BOP Erection                                |                                      |                                  |                            |                                      |                                  |                            |
| 2.4     | BOP Freight                                 |                                      |                                  |                            |                                      |                                  |                            |
| 2.5     | Subtotal                                    |                                      |                                  |                            |                                      |                                  |                            |
| 2.6     | Estimated PVC                               |                                      |                                  |                            |                                      |                                  |                            |
| 2.7     | <b>BOP Total</b>                            | <b>1,013.25</b>                      | <b>1,013.25</b>                  | <b>-</b>                   | <b>1,013.68</b>                      | <b>1,013.68</b>                  | <b>-</b>                   |
| 3       | <b>Other works undertaken by SCCL</b>       |                                      |                                  |                            |                                      |                                  |                            |
| 3.1     | Land  | 53.11                                | 53.11                            | -                          | 53.11                                | 53.11                            | -                          |
| 3.2     | Survey & soil investigation                 | 0.14                                 | 0.14                             | -                          | 0.14                                 | 0.14                             | -                          |
| 3.3     | Site Dev, Enabling, temp Sheds etc.         | 24.95                                | 24.95                            | -                          | 24.95                                | 24.95                            | -                          |
| 3.4     | Roads & Culverts                            | 14.09                                | 14.09                            | -                          | 14.09                                | 14.09                            | -                          |
| 3.5     | Coal Transport Roads out of BOP savings     | 50.87                                | 50.87                            | -                          | 50.94                                | 50.94                            | -                          |
| 3.6     | Boundary Walls                              | 17.19                                | 17.19                            | -                          | 17.19                                | 17.19                            | -                          |
| 3.7     | Reservoir                                   | 55.06                                | 55.06                            | -                          | 55.14                                | 55.14                            | -                          |
| 3.8     | Water supply-1 TMC                          | 84.22                                | 84.22                            | -                          | 84.22                                | 84.22                            | -                          |
| 3.9     | Water supply-2 TMC                          | 319.35                               | 319.35                           | -                          | 319.35                               | 319.35                           | -                          |
| 3.10    | Gate Complex, Security, etc.                | 3.08                                 | 3.08                             | -                          | 3.12                                 | 3.12                             | -                          |
| 3.11    | Railway Siding                              | 348.67                               | 348.67                           | -                          | 348.90                               | 348.90                           | -                          |
| 3.12    | Township & Guest House & other amenities    | 121.40                               | 121.40                           | -                          | 121.84                               | 121.84                           | -                          |
| 3.13    | Environment                                 | 1.37                                 | 1.37                             | -                          | 1.37                                 | 1.37                             | -                          |
| 3.14    | CSR   | 18.47                                | 18.47                            | -                          | 18.52                                | 18.52                            | -                          |
| 3.15    | Weigh Bridges, Fire Tender                  | 2.28                                 | 2.28                             | -                          | 2.28                                 | 2.28                             | -                          |
| 3.16    | Start up Power & common Equipment           | 49.01                                | 49.01                            | -                          | 49.01                                | 49.01                            | -                          |
| 3.17    | Construction Power                          | 24.40                                | 24.40                            | -                          | 24.40                                | 24.40                            | -                          |
| 3.18    | Furniture & office automation               | 5.53                                 | 5.53                             | -                          | 5.62                                 | 5.62                             | -                          |
| 3.19    | Misc. Expenditure                           | 7.31                                 | 7.31                             | -                          | 7.31                                 | 7.31                             | -                          |
| 3.20    | BAY,CT and CVT                              | 30.74                                | 30.74                            | -                          | 30.74                                | 30.74                            | -                          |
| 3.21    | <b>Other works undertaken by SCCL Total</b> | <b>1,231.23</b>                      | <b>1,231.23</b>                  | <b>-</b>                   | <b>1,232.23</b>                      | <b>1,232.23</b>                  | <b>-</b>                   |





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M. Anandam & Co.,  
Chartered Accountants

## Statement of liability

Name of the Company:

The Singareni Collieries Company Limited

Name of the Power Station:

Singareni Thermal Power Plant

(Rs. Crore)

| Sl. No. | Breakdown                       | Actual capital cost as on 31.03.2023 | Amount Disbursed upto 31.03.2023 | Liability as on 31.03.2023 | Actual capital cost as on 30.09.2023 | Amount Disbursed upto 30.09.2023 | Liability as on 30.09.2023 |
|---------|---------------------------------|--------------------------------------|----------------------------------|----------------------------|--------------------------------------|----------------------------------|----------------------------|
| 4       | Others                          |                                      |                                  |                            |                                      |                                  |                            |
| 4.1     | Contingencies                   | 8.14                                 | 8.14                             | -                          | 8.14                                 | 8.14                             | -                          |
| 4.2     | Establishment Costs             | 105.13                               | 105.13                           | -                          | 105.13                               | 105.13                           | -                          |
| 4.3     | Consultancy & Engineering       | 120.33                               | 120.33                           | -                          | 120.33                               | 120.33                           | -                          |
| 4.4     | Start up Fuel                   | 40.20                                | 40.20                            | -                          | 40.20                                | 40.20                            | -                          |
| 4.5     | Operator Training               |                                      |                                  |                            |                                      |                                  |                            |
| 4.6     | Development Expenses            |                                      |                                  |                            |                                      |                                  |                            |
| 4.7     | Margin Money                    |                                      |                                  |                            |                                      |                                  |                            |
| 4.8     | Financing Expenses              | 1.00                                 | 1.00                             | -                          | 1.00                                 | 1.00                             | -                          |
| 4.9     | IDC                             | 1,264.34                             | 1,264.34                         | -                          | 1,264.34                             | 1,264.34                         | -                          |
| 4.10    | O&M-STEAG                       | 17.00                                | 17.00                            | -                          | 17.00                                | 17.00                            | -                          |
| 4.11    | Others Total                    | 1,556.14                             | 1,556.14                         | -                          | 1,556.14                             | 1,556.14                         | -                          |
| 5       | Capital Cost including IDC & FC | 8,730.73                             | 8,730.73                         | -                          | 8,732.49                             | 8,732.49                         | -                          |

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M. ANANDAM & CO.,  
BENGALURU  
CHARTERED ACCOUNTANTS

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**OPERATION AND MAINTENANCE EXPENSE (O&M)**

(Rs. in Crore)

| Sl.No      | Particulars                               | FY 2022-23    | 2023-24<br>Upto Sept-23 |
|------------|---|---------------|-------------------------|
| <b>I</b>   | <b>Administrative &amp; General Costs</b> | <b>58.55</b>  | <b>24.00</b>            |
| a          | Purchased Power                           | 4.95          | 1.38                    |
| b          | Insurance                                 | 12.73         | 6.32                    |
| c          | CISF                                      | 33.50         | 13.50                   |
| d          | Others                                    | 7.36          | 2.80                    |
|            |   |               |                         |
| <b>II</b>  | <b>Repairs &amp; Maintenance Costs</b>    | <b>94.61</b>  | <b>62.86</b>            |
| a          | Stores & Spares                           | 46.09         | 49.59                   |
| b          | Maintenance Expenditure                   | 23.19         | 10.90                   |
| c          | Overhauling cost                          | 19.66         | -                       |
| d          | Hiring of HEMM, Weigh Bridges & others    | 5.67          | 2.38                    |
|            |   |               |                         |
| <b>III</b> | <b>Employee costs</b>                     | <b>153.76</b> | <b>80.80</b>            |
| a          | Salary including manpower cost of O&M     | 121.09        | 49.50                   |
| b          | Special incentive                         | 19.06         | 21.74                   |
| c          | CMPF with Administration Charges          | 9.75          | 6.47                    |
| d          | Leave Encashment                          | 3.85          | 3.09                    |
|            |   |               |                         |
| <b>IV</b>  | <b>Grand Total</b>                        | <b>306.91</b> | <b>167.67</b>           |

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**Annexure to the Certificate issued in connection with submission of Tariff petition required pursuant to the Telangana State Electricity Regulatory Commission (TSERC) Regulations**

1. This Certificate is issued in accordance with the terms of our engagement letter dated 13.01.2024.

**Management's responsibility**

2. The preparation of the Statement is the responsibility of the Management of The Singareni Collieries Company Limited (hereinafter the "Company") including the preparation and maintenance of all accounting and other relevant supporting records and documents. This responsibility includes the design, implementation and maintenance of internal control relevant to the preparation and presentation of the Statement and applying an appropriate basis of preparation; and making estimates that are reasonable in the circumstances.
3. The management is also responsible for ensuring that the Company complies with the requirements of the Companies Act, 2013 and TSERC Regulations and provides all relevant information to TSERC.
4. The accuracy and completeness of the accompanying Statement is the responsibility of the Company's management.

**Auditor's Responsibility**

5. Pursuant to the requirements of the TSERC Regulations, our responsibility to provide a reasonable assurance whether:
  - i. The amounts in the Statement of Actual Capital cost and Operation & Maintenance expense for the year ended 31.03.2023 have been accurately extracted from the audited financial statements.
  - ii. The amounts in the Statement of Actual Capital cost and Operation & Maintenance expense for the period ended 30.09.2023 have been accurately extracted from the books of accounts.
6. We conducted our examination of the Statement in accordance with the Guidance Note on Reports or Certificates for special purposes (Revised 2016) issued by the Institute of Chartered Accountants of India (ICAI). The Guidance Note requires that we comply with the ethical requirements of the Code of Ethics issued by the ICAI.
7. We have complied with the relevant applicable requirements of the Standard on Quality Control (SQC) 1, 'Quality Control for Firms that Perform Audits and Reviews of Historical Financial Information, and Other Assurance and Related Services Engagements' issued by the ICAI.
8. We have no responsibility to update this certificate for events and circumstances occurring after the date of this certificate.

**Opinion**

9. Based on the procedures performed by us, in our opinion, the amounts and particulars as appearing in the Statement, are in agreement with the books of accounts of The Singareni Collieries Company Limited.



**Restriction on use**

10. This Certificate has been issued at the request of the Company, solely in connection with the purpose mentioned above, and is not to be used or referred to for any other purpose. Accordingly, we do not accept or assume any liability or any duty of care or for any other purpose or to any other party to whom it is shown or into whose hands it may come without our prior consent in writing.

For M. Anandam & Co.  
Chartered Accountants  
(FRN: 000125S)

*Venkaresh*

Venkaresh Cherela  
Partner  
M. No. 240062



UDIN: 24240062BKFUVV9827

Place: Secunderabad  
Date: 18-01-2024



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1. 2.

**Annexure -D : Additional capitalization for FY 2022-24  
and FY 2024-25**



Statement showing break-up of Actual capital cost of STPP upto 31.03.2023 and 30.09.2023

| DPR Head  | Revised Cost Estimate -2 | Actual as on 31.03.2022 | Actual as on 31.03.2023 | Add cap during FY 2022-23 | Actual as on 30.09.2023 | Add cap during HY 2023-24 | Spill Over Beyond 30.09.2023 |
|---|--------------------------|-------------------------|-------------------------|---------------------------|-------------------------|---------------------------|------------------------------|
| <b>1. BTG Package</b>   |                          |                         |                         |                           |                         |                           |                              |
| BTG Total   | 4934.50                  | 4,930.11                | 4,930.11                | -                         | 4,930.44                | 0.32                      | 4.06                         |
| <b>2. BOP Package</b>   |                          |                         |                         |                           |                         |                           |                              |
| BoP Total   | 1020.00                  | 1,011.45                | 1,013.25                | 1.79                      | 1,013.68                | 0.43                      | 6.32                         |
| <b>3.SCCI Scope works</b>                                       |                          |                         |                         |                           |                         |                           |                              |
| Land  | 50.00                    | 53.06                   | 53.11                   | 0.05                      | 53.11                   | -                         | -3.11                        |
| Survey & Soil Investigation                                     | 0.30                     | 0.05                    | 0.14                    | 0.09                      | 0.14                    | -                         | 0.16                         |
| Site Dev Enabling Temp Sheds                                    | 24.00                    | 23.47                   | 24.95                   | 1.48                      | 24.95                   | -                         | -0.95                        |
| Roads & Culverts  | 20.00                    | 13.07                   | 14.09                   | 1.02                      | 14.09                   | -                         | 5.91                         |
| Coal transport roads  | 52.00                    | 47.32                   | 50.87                   | 3.55                      | 50.94                   | 0.07                      | 1.06                         |
| Boundary walls  | 19.00                    | 17.19                   | 17.19                   | -                         | 17.19                   | -                         | 1.81                         |
| Reservoir   | 58.00                    | 54.93                   | 55.06                   | 0.13                      | 55.14                   | 0.08                      | 2.86                         |
| Water supply-1 TMC  | 85.00                    | 84.22                   | 84.22                   | -                         | 84.22                   | -                         | 0.78                         |
| Water supply-2 TMC(incd elec)                                   | 293.00                   | 319.35                  | 319.35                  | -                         | 319.35                  | -                         | -26.35                       |
| Gate complex Security etc                                       | 5.40                     | 2.24                    | 3.08                    | 0.84                      | 3.12                    | 0.04                      | 2.28                         |
| Rly Siding*   | 380.00                   | 346.33                  | 348.67                  | 2.34                      | 348.90                  | 0.23                      | 31.10                        |
| Township & GH   | 145.00                   | 117.20                  | 121.40                  | 4.19                      | 121.84                  | 0.45                      | 23.16                        |
| Environment   | 4.00                     | 1.25                    | 1.37                    | 0.12                      | 1.37                    | -                         | 2.63                         |
| Mandatory capital expenditure under MoEF clearance              | 22.10                    | 18.28                   | 18.47                   | 0.19                      | 18.52                   | 0.04                      | 3.58                         |
| Weigh bridges fire tender etc                                   | 2.00                     | 1.49                    | 2.28                    | 0.79                      | 2.28                    | -                         | -0.28                        |
| Start up power & commcn eqpt                                    | 49.00                    | 49.01                   | 49.01                   | -                         | 49.01                   | -                         | -0.01                        |
| Construction power  | 30.00                    | 24.40                   | 24.40                   | -                         | 24.40                   | -                         | 5.60                         |
| Furniture & office automation                                   | 6.00                     | 5.15                    | 5.53                    | 0.38                      | 5.62                    | 0.09                      | 0.38                         |
| Misc Expenditure:   |                          |                         |                         |                           |                         |                           |                              |
| Establishing store yard   | 8.00                     | 7.31                    | 7.31                    | -                         | 7.31                    | -                         | 0.69                         |
| Procurement open well submersible pumps                         |                          | 0.35                    | 0.35                    | -                         | 0.35                    | -                         |                              |
| Utensils & Kitchen items for CISF                               |                          | 0.34                    | 0.34                    | -                         | 0.34                    | -                         |                              |
| Hand held metal analyzer  |                          | 0.03                    | 0.03                    | -                         | 0.03                    | -                         |                              |
| Filteration machines for various lube oils                      |                          | 0.17                    | 0.17                    | -                         | 0.17                    | -                         |                              |
| Procurement of light fittings cables towers and street lighting |                          | 1.47                    | 1.47                    | -                         | 1.47                    | -                         |                              |
| Construction of open shed (PTH)                                 |                          | 1.57                    | 1.57                    | -                         | 1.57                    | -                         |                              |
| EOT crane in STPP   |                          | 0.31                    | 0.31                    | -                         | 0.31                    | -                         |                              |
| Goodrej racking system for STPP stores                          |                          | 0.33                    | 0.33                    | -                         | 0.33                    | -                         |                              |
| BAY CCT & CVTs  |                          | 2.75                    | 2.75                    | -                         | 2.75                    | -                         |                              |
| <b>SCCI ScopeTotal</b>  | 28.70                    | 30.74                   | 30.74                   | -                         | 30.74                   | -                         | -2.04                        |
|   | 1,281.50                 | 1,216.07                | 1,231.23                | 15.16                     | 1,232.23                | 1.00                      | 49.27                        |



*Verubated*

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| DPR Head                     | Cost Approved as<br>per Revised Cost<br>Estimate -2 | Actual as on<br>31.03.2022 | Actual as on<br>31.03.2023 | Add cap during FY<br>2022-23 | Actual as on<br>30.09.2023 | Add cap during HY<br>2023-24 | Spill Over<br>Beyond<br>30.09.2023 |
|------------------------------|---|----------------------------|----------------------------|------------------------------|----------------------------|------------------------------|------------------------------------|
| <b>4. OTHERS</b>             |   |                            |                            |                              |                            |                              |                                    |
| Contingencies                | 5.00  | 8.14                       | 8.14                       | -                            | 8.14                       | -                            | -3.14                              |
| Establishment costs          | 94.00   | 105.13                     | 105.13                     | -                            | 105.13                     | -                            | -11.13                             |
| Consultancy & Engg           | 120.00  | 120.33                     | 120.33                     | -                            | 120.33                     | -                            | -0.33                              |
| Start up fuel                | 41.00   | 40.20                      | 40.20                      | -                            | 40.20                      | -                            | 0.80                               |
| Operator Training            | -   | -                          | -                          | -                            | -                          | -                            | -                                  |
| Development exp              | -   | -                          | -                          | -                            | -                          | -                            | -                                  |
| Margin Money                 | -   | -                          | -                          | -                            | -                          | -                            | -                                  |
| Financing Expenses           | 1.00  | 1.00                       | 1.00                       | -                            | 1.00                       | -                            | -                                  |
| Interest during construction | 1,266.00  | 1,264.34                   | 1,264.34                   | -                            | 1,264.34                   | -                            | 1.66                               |
| O&M-Expenditure upto COD     | 17.00   | 17.00                      | 17.00                      | -                            | 17.00                      | -                            | -                                  |
| <b>Others Total</b>          | <b>1544.00</b>                                      | <b>1,556.14</b>            | <b>1,556.14</b>            | -                            | <b>1,556.14</b>            | -                            | <b>-12.14</b>                      |
| <b>Grand Total*</b>          | <b>8780.00</b>                                      | <b>8,713.78</b>            | <b>8,730.73</b>            | <b>16.96</b>                 | <b>8,732.49</b>            | <b>1.75</b>                  | <b>47.51</b>                       |

**Notes:**

1. The heading of "CSR expenditure" has been changed to "Mandatory capital expenditure under MoEF clearance" in accordance with the observation made by the Hon'ble Commission in tariff order dt 19.06.2017.
2. The Capital expenditure on spill over items shown in the statement is computed as a difference between the approved expenditure as per RCE-2 and actual expenditure as on 30.09.2023. Though some of the projected expenditures are showing negative balances, it is stated that expenditure on different spill over items will be managed to keep overall expenditure of spill over items within approved balance of Rs 47.51 Crs.





Dear Sir,

Please find the details required for investment of a **flexible operation scheme** as requested by you.

➤ ***Brief outline of the different components that constitute it and the salient features of the scheme***

- 1) Supply of Advance Process control (APC) server: suitable panels with server (Workstation) to be installed in the control room.
- 2) The network interlinking cable between existing DCS and APC
- 3) Low flow operation package for Axial fans
- 4) BFP low flow operation package
- 5) Enriching of coal burners for minimum 3 no's of elevation
- 6) Health monitoring system for Boiler (BOSMON)
- 7) Turbine Stress monitoring system (TSCMON)

➤ ***The objectives of the scheme and justification for taking it up along with quantification of the objectives***

- 1) Flexible operation of existing coal-fired power plants is very much required to ensure security, reliability of power supply and stability of electricity grids while maximizing generation from renewable energies sources (RES) & integration of the same into grid.
- 2) Accordingly, **CEA issued new regulations on 30.01.23** for implementation of flexible operation scheme in coal based thermal power plants. As per the new regulations, the minimum unit generation should be reduced to 40% (i.e., 240 MW) of maximum continuous rating of unit (i.e., 600 MW) and minimum ramp rate capability should be 3% per minute (i.e., 18 MW/min) between 100% to 70% (i.e., between 600 MW-420 MW) of maximum continuous rating, 2% per minute (i.e., 12 MW/min) between 70% to 55% (i.e., between 420 MW to 330 MW) of maximum continuous rating and 1% per minute (i.e., 06 MW/min) between 55% to 40% of maximum



continuous rating (330 MW to 240 MW). These regulations should be complied within one year from the date of the notification of the regulations.

- 3) CEA further notified on 15.12.23, the phasing plan of various coal based thermal Generating units. Based on the phasing plan approved by CEA, SCCL Unit-1 and Unit-2 should implement flexible operation scheme by January 2025 and March 2025 respectively.

➤ **Detailed cost estimates for each item of work covered by the scheme**

M/s BHEL executed the flexible operation scheme at Raigarh Energy Generation Limited (REGL), known as Avantha Power Limited, 1 x 600 MW, Raigarh. Thereafter, M/s BHEL contacted SCCL for implementation of Flexible operation scheme at STPP 2 X 600 MW units and submitted the technical offer and price offer as requested by M/s SCCL. The approximate cost estimate for implementation of flexible operation scheme at STPP for both units is approximately Rs 20.77 Cr (Twenty Crore Seventy Seven Lakhs).

➤ **Cost benefit analysis:**

1. Flexible operation of existing coal-fired power plants is very much required to ensure security, reliability of power supply and stability of electricity grids while maximizing generation from renewable energies sources (RES) & integration of the same into grid. Till date the thermal power plant is considered for working as base load operations (i.e., no much variations expected during normal operation). Considering increase in addition of renewable source of energy the requirement has arose for all thermal power plant generators to accommodate the additional renewable energy which requires faster load responses.
2. If the unit is operated at the specified minimum power level (i.e., 40% of MCR which is 240 MW) and at the specified ramp up and ramp down rates as per the new regulation, Boiler and Turbine shall be subjected to high thermal stresses, which may lead to failure of the material also.
3. To minimise the impact of thermal stresses due to fast ramp up, ramp down and minimum power level operation, some of the modifications & tuning of critical loops (of various systems), like low flow operation package for axial fans, BFP low flow operation package, supply of Advance Process Control (APC) server along with panel, Primary

frequency control capability of up to 5% operating load, Boiler and Turbine Health monitoring system, Enriching of Boiler burners etc, to be carried out in the existing installed equipments and systems.

4. From the above, it is clear that the investment towards implementation of flexible operation for existing coal based thermal power generating stations is to minimise/reduce the impact of fast load variations on Boiler and Turbine. Hence cost benefit analysis doesn't arise in this situation.





**भारत का राजपत्र**  
**The Gazette of India**

सी.जी.-डी.एल.-अ.-31012023-243299  
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असाधारण  
EXTRAORDINARY

भाग III—खण्ड 4  
PART III—Section 4

प्राधिकार से प्रकाशित  
PUBLISHED BY AUTHORITY

सं. 61]  
No. 61]

नई दिल्ली, सोमवार, जनवरी 30, 2023/माघ 10, 1944  
NEW DELHI, MONDAY, JANUARY 30, 2023/MAGHA 10, 1944

**केंद्रीय विद्युत प्राधिकरण  
अधिसूचना**

नई दिल्ली, 25 जनवरी, 2023

सं. केविप्रा-टीएच-17-13/4/2022-टीईटीडी प्रभाग.—विद्युत (पूर्व प्रकाशन के लिए प्रक्रिया) नियम, 2005 के नियम (3) के उप-नियम (2) के साथ पठित विद्युत अधिनियम, 2003 (2003 का 36) की धारा 177 की उप-धारा (3) द्वारा यथा अपेक्षित केंद्रीय विद्युत प्राधिकरण (कोयला आधारित ताप विद्युत उत्पादन इकाइयों का लचीला संचालन) विनियम, 2022 का प्रारूप को छह दैनिक समाचार पत्रों में प्रकाशित किया गया था, जिसमें उक्त प्रारूप विनियमों में अंतर्विष्ट समाचार पत्र की प्रतियां जनता को उपलब्ध कराई गईं तारीख से 46 दिनों की अवधि के समाप्त होने से पूर्व इसके द्वारा प्रभावित होने वाले सभी सम्भावित व्यक्तियों से आशेष और सुझाव मांगे गए थे;

और केंद्रीय विद्युत प्राधिकरण की वेबसाइट पर सार्वजनिक सूचनाओं वाले उक्त समाचार पत्रों और उक्त प्रारूप विनियमों की प्रतियां जनता को 12 जुलाई, 2022 को उपलब्ध करा दी गई थीं;

और उक्त प्रारूप विनियमों पर जनता से प्राप्त आक्षेपों और सुझावों पर केन्द्रीय विद्युत प्राधिकरण द्वारा विचार कर लिया गया था;

अतः अब विद्युत अधिनियम, 2003 की धारा 73 के खंड (ख) के साथ पठित धारा 177 की उप-धारा (2) के खंड (ङ), के अनुसरण में, केंद्रीय विद्युत प्राधिकरण निम्नलिखित विनियम बनाता है, अर्थात्:-

1. संक्षिप्त नाम और प्रारंभ- (1) इन विनियमों का संक्षिप्त नाम केंद्रीय विद्युत प्राधिकरण (कोयला आधारित ताप विद्युत उत्पादन इकाइयों का लचीला संचालन) विनियम, 2023 है।

(2) ये विनियम राजपत्र में उनके अंतिम प्रकाशन की तारीख से लागू होंगे।

- (200)
2. परिभाषाएं- (1) इन विनियमों में, जब तक कि संदर्भ से अन्यथा अपेक्षित न हो,
- (क) "अधिनियम" से विद्युत अधिनियम, 2003 (2003 का 36) अभिप्रेत है;
- (ख) "लचीला संचालन" से कोयला आधारित ताप विद्युत उत्पादन इकाइयों की ग्रिड की आवश्यकता के अनुसार इन विनियमों में उल्लिखित निर्दिष्ट स्तरों पर विद्युत उत्पन्न करने की क्षमता अभिप्रेत है;
- (ग) "अधिकतम निरंतर विद्युत रेटिंग" से जनरेटर टर्मिनलों पर मेगा वाट में व्यक्त अधिकतम निरंतर विद्युत उत्पादन, रेटेड मापदंडों पर उत्पादन इकाइयों के विनिर्माता द्वारा गारंटीकृत है; अभिप्रेत है
- (घ) "न्यूनतम विद्युत स्तर" से अधिकतम निरंतर विद्युत रेटिंग के प्रतिशत में व्यक्त न्यूनतम विद्युत उत्पादन, जिसे कोयला आधारित ताप विद्युत उत्पादन इकाई बिना तेल सहायता के लगातार बनाए रख सकती है; अभिप्रेत है
- (ङ) "रैंप दर" से अधिकतम निरंतर विद्युत रेटिंग के प्रतिशत में विद्युत उत्पादन के परिवर्तन की प्रति मिनट में व्यक्त दर अभिप्रेत है।
- (2) उन शब्दों और पदों के जो इसमें प्रयुक्त और परिभाषित नहीं हैं किंतु अधिनियम और उसके अधीन बनाए गए नियमों में परिभाषित हैं, वही अर्थ होंगे जो उस अधिनियम और उसके अधीन बनाए गए नियमों में हैं।
3. लागू होना - ये विनियम केंद्रीय सरकार, राज्य सरकारों के स्वामित्व या नियंत्रण में या ग्रिड से जुड़ी किसी भी प्राइवेट कंपनी के स्वामित्व वाली सभी कोयला आधारित ताप विद्युत उत्पादन इकाइयों और भार प्रेषण केंद्रों पर लागू होंगे।
4. साधारण अपेक्षाएँ - (1) कोयला आधारित ताप विद्युत उत्पादन इकाइयों को उस स्थान पर प्रचलित परिवेशी और पर्यावरणीय परिस्थितियों की पूरी शृंखला के लिए इन विनियमों का अनुपालन करने के लिए, यदि अपेक्षित हो, डिजाइन या उपयुक्त रूप से रेट्रोफिट किया जाएगा।
- (2) स्थापित सभी उपकरण और प्रणालियाँ, यथा लागू, विनियमों और सुरक्षा कोडों के उपबंधों का पालन करेंगी।
5. कोयला आधारित ताप विद्युत उत्पादन इकाइयों का लचीला संचालन- (1) कोयला आधारित ताप विद्युत उत्पादन इकाइयों इन विनियमों के अनुसार लचीला संचालन प्रदान करने में सक्षम होंगी।
- (2) कोयला आधारित ताप विद्युत उत्पादन इकाइयों के लचीले संचालन का कार्यान्वयन समय-समय पर प्राधिकरण द्वारा विनिर्दिष्ट चरणबद्ध योजना के अनुसार होगा।
- (3) सभी भार प्रेषण केंद्र अपने अधिकार क्षेत्र के अधीन कोयला आधारित ताप विद्युत उत्पादन इकाइयों को, इन विनियमों में विनिर्दिष्ट लचीले संचालन क्षमताओं पर विचार करते हुए, शेड्यूल करेंगे।
6. लचीले संचालन के लिए कोयला आधारित ताप विद्युत उत्पादन इकाइयों की न्यूनतम विद्युत स्तर की क्षमता- कोयला आधारित ताप विद्युत उत्पादन इकाइयों में चालीस प्रतिशत के न्यूनतम विद्युत स्तर का लचीला संचालन क्षमता होगा।
- परंतु उत्पादन इकाइयाँ जो पंचपन प्रतिशत के न्यूनतम विद्युत स्तर को प्राप्त करने में सक्षम नहीं हैं, उन्हें इन विनियमों की अधिसूचना के एक वर्ष के भीतर यह सक्षमता प्राप्त करनी होगी।
- परंतु यह और कि उत्पादन इकाइयाँ जो चालीस प्रतिशत के न्यूनतम विद्युत स्तर को प्राप्त करने में सक्षम नहीं हैं, उन्हें इन विनियमों के विनियम 5 के उप-विनियम (2) में उल्लिखित चरणबद्ध योजना के अनुसार यह सक्षमता प्राप्त करनी होगी।
7. लचीला संचालन के लिए कोयला आधारित ताप विद्युत उत्पादन इकाइयों की रैंप दर क्षमताएं- (1) कोयला आधारित ताप विद्युत उत्पादन इकाइयों में अधिकतम निरंतर विद्युत रेटिंग के सत्तर प्रतिशत से सौ प्रतिशत के बीच उनके संचालन के लिए न्यूनतम तीन प्रतिशत प्रति मिनट की रैंप दर क्षमता होगी और अधिकतम निरंतर विद्युत रेटिंग के पंचपन प्रतिशत से सत्तर प्रतिशत के बीच उनके संचालन के लिए न्यूनतम दो प्रतिशत प्रति मिनट की रैंप दर क्षमता होगी।
- परंतु उत्पादन इकाइयाँ जो इस विनियम का अनुपालन करने में सक्षम नहीं हैं, इन विनियमों की अधिसूचना के एक वर्ष के भीतर इसका अनुपालन करेंगी।

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- (2) कोयला आधारित तापीय विद्युत उत्पादन इकाइयाँ इन विनियमों के विनियम 5 के उप-विनियम (2) में उल्लिखित चरणबद्ध योजना के अनुसार अधिकतम निरंतर विद्युत दर के चालीस प्रतिशत से पचपन प्रतिशत के बीच उनके संचालन के लिए न्यूनतम एक प्रतिशत प्रति मिनट की रैप दर क्षमता प्राप्त करेंगी।
8. विनियमों का शिथिलीकरण - प्राधिकरण, मामला दर मामला आधार पर, प्राधिकरण को निर्दिष्ट मामले के संबंध में लेखबद्ध किए जाने वाले कारणों के लिए और आदेश द्वारा इन विनियमों के किसी उपबंध को शिथिल कर सकेगा।

राकेश गोयल, सचिव

[विज्ञापन-III/4/असा./588/2022-23]

**CENTRAL ELECTRICITY AUTHORITY  
NOTIFICATION**

New Delhi, the 25th January, 2023

**CEA-TH-17-13/4/2022-TETD Division.**—Whereas the draft of the Central Electricity Authority (Flexible Operation of Coal based Thermal Power Generating Units) Regulations, 2022 was published in six newspaper dailies, as required by sub-section (3) of Section 177 of the Electricity Act, 2003 (36 of 2003) read with sub-rule (2) of rule 3 of the Electricity (Procedure for Previous Publication) Rules, 2005 for inviting objections and suggestions from all persons likely to be affected thereby, before the expiry of the period of forty-six days, from the date on which the copies of the newspaper containing the said draft regulations were made available to the public;

And whereas copies of the said newspapers containing the public notices and the said draft regulations on the website of the Central Electricity Authority were made available to the public on the 12<sup>th</sup> July, 2022;

And whereas the objections and suggestions received from the public on the said draft regulations were considered by the Central Electricity Authority;

Now, therefore, in pursuance of clause (e) of sub-section (2) of Section 177 of the Electricity Act, 2003 read with clause (b) of Section 73 of the said Act, the Central Electricity Authority hereby makes the following regulations, namely:

1. **Short title and commencement.**- (1) These regulations may be called the Central Electricity Authority (Flexible Operation of Coal based Thermal Power Generating Units) Regulations, 2023.  
(2) They shall come into force on the date of their final publication in the Official Gazette.
2. **Definitions.**- (1) In these regulations, unless the context otherwise requires,
  - (a) "Act" means the Electricity Act, 2003 (36 of 2003);
  - (b) "flexible operation" means the ability of coal based thermal power generating units to generate power at specified levels mentioned in these regulations, as per the requirement of the grid;
  - (c) "maximum continuous power rating" means maximum continuous output power expressed in Mega Watt at the generator terminals as guaranteed by the manufacturer of generating units at the rated parameters;
  - (d) "minimum power level" means the minimum output power expressed in percentage of maximum continuous power rating that the coal based thermal power generating unit can sustain continuously without oil support;
  - (e) "ramp rate" means the rate of change of output power, expressed in percentage of maximum continuous power rating, per minute.

(2) Words and expressions used herein and not defined but defined in the Act and the rules made thereunder shall have the meanings assigned to them in that Act and rules made thereunder.
3. **Applicability.**- These regulations shall apply to all coal based thermal power generating units owned or under control of the Central Government, State Governments or owned by any private company, connected with the grid and to the load despatch centers.
4. **General requirements.**- (1) The coal based thermal power generating units shall be designed or suitably retrofitted, if required, to comply with these regulations for full range of ambient and environmental conditions prevailing at the site.  
(2) All equipment and systems installed shall comply with the provisions of statutes, regulations and safety codes, as applicable.

- (20)
5. **Flexible operation of coal based thermal power generating units.**- (1) The coal based thermal power generating units shall be capable of providing the flexible operation as per these regulations.
- (2) The implementation of flexible operation of the coal based thermal power generating units shall be as per the phasing plan specified by the Authority from time to time.
- (3) All load despatch centers shall schedule the coal based thermal power generating units, under their jurisdiction, considering the flexible operation capabilities as specified in these regulations.
6. **Minimum power level capabilities of coal based thermal power generating units for flexible operation.**- The coal based thermal power generating units shall have flexible operation capability with minimum power level of forty percent.
- Provided that the generating units which are not capable of achieving minimum power level of fifty-five percent, shall achieve the same within one year of the notification of these regulations.
- Provided further that the generating units which are not capable of achieving minimum power level of forty percent, shall achieve the same as per phasing plan mentioned in the sub-regulation (2) of regulation 5 of these regulations.
7. **Ramp rates capabilities of coal based thermal power generating units for flexible operation.**- (1) The coal based thermal power generating units shall have ramp rate capability of minimum three percent per minute for their operation between seventy percent to hundred percent of maximum continuous power rating and shall have ramp rate capability of minimum two percent per minute for their operation between fifty-five percent to seventy percent of maximum continuous power rating.
- Provided that the generating units which are not capable to comply with this regulation, shall comply with the same within one year of the notification of these regulations.
- (2) The coal based thermal power generating units shall achieve ramp rate capability of minimum one percent per minute for their operation between forty percent to fifty-five percent of maximum continuous power rating as per phasing plan mentioned in the sub-regulation (2) of regulation 5 of these regulations.
8. **Relaxation of regulations.** - The Authority may, by an order and for the reasons to be recorded in writing, relax any provision of these regulations in respect of the matter referred to the Authority, on case to case basis.

RAKESH GOYAL, Secy.

[ADVT.-III/4/Exty./588/2022-23]

19/12/2023.

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Flexible operation to STPP is mentioned

in PHASING PLAN notified by CEA dt: 15/12/23

Unit - I ⇒ 01/2025

Unit - II ⇒ 03/2025.

REGD. No. D. L.-33004/89

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|---------------|----------|
| O/O ED, STPP. |          |
| No.           | 4990     |
| Date          | 22.12.23 |



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असाधारण  
EXTRAORDINARY

भाग III—खण्ड 4  
PART III—Section 4

प्राधिकार से प्रकाशित  
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नई दिल्ली, शुक्रवार, दिसम्बर 15, 2023/अग्रहायण 24, 1945  
NEW DELHI, FRIDAY, DECEMBER 15, 2023/AGRAHAYANA 24, 1945

केंद्रीय विद्युत प्राधिकरण  
अधिसूचना

नई दिल्ली, 15 दिसम्बर, 2023

सं. केविप्रा-टीएच-14-21/5/2023-टीआरएम प्रभाग.—केंद्रीय विद्युत प्राधिकरण (कोयला आधारित तापीय उत्पादन इकाइयों का बहुमुखी संचालन) विनियम, 2023 को सीईए-टीएच-17-13/4/2022-टीईटीडी डिबिजन दिनांक 30 जनवरी, 2023 के तहत केंद्रीय विद्युत प्राधिकरण द्वारा अधिसूचित किया गया था;

और जबकि उक्त विनियमों के विनियम 5 के उप-विनियमन (2) में यह अपेक्षा की गई है कि कोयला आधारित ताप विद्युत उत्पादन इकाइयों के बहुमुखी प्रचालन का कार्यान्वयन प्राधिकरण द्वारा समय-समय पर विनिर्दिष्ट चरणबद्ध योजना के अनुसार होगा;

और जबकि हितधारकों की टिप्पणियों को शामिल करने के बाद चरणबद्ध योजना को अंतिम रूप दिया गया है। प्राधिकरण द्वारा अनुमोदित अंतिम चरण योजना अनुलग्नक में दी गई है।

ED (STPP)

For n/a pl.

7771 GI/2023

Director (E&M) 01/12/23  
cc: 538 / CE PR



| Year                            | Month   | State     | Category             | Utility Name               | Phase | Capacity (MW) | Start Date | End Date | Value | Unit    |
|---------------------------------|---------|-----------|----------------------|----------------------------|-------|---------------|------------|----------|-------|---------|
| 2030                            | दिसम्बर | राज्य     | टी ए एन जी ई डी सी ओ | उत्तरी घेन्नई टी पी एन     | 3     | 210           | 2/24/1996  | नहीं     | 33.9  | द. क्ष. |
| 2030                            | दिसम्बर | राज्य     | ए पी जी ई एन सी ओ    | राजस्थानी टी पी एन         | 1     | 210           | 3/31/1994  | नहीं     | 35.8  | द. क्ष. |
| 2030                            | दिसम्बर | राज्य     | के पी सी एल          | राजपुर टी पी एन            | 3     | 210           | 3/30/1991  | नहीं     | 38.8  | द. क्ष. |
| 2030                            | दिसम्बर | केन्द्रीय | एन टी पी सी          | रामानुजम एन टी पी एन       | 4     | 500           | 6/26/1988  | हाँ      | 41.5  | द. क्ष. |
| 2030                            | दिसम्बर | राज्य     | के पी सी एल          | राजपुर टी पी एन            | 1     | 210           | 3/29/1985  | नहीं     | 44.8  | द. क्ष. |
| 2030                            | दिसम्बर | राज्य     | ए पी जी ई एन सी ओ    | डी. एन. टाटा राव टी पी एन  | 1     | 210           | 11/1/1979  | नहीं     | 50.2  | द. क्ष. |
| 2030                            | दिसम्बर | मिजो      | एन टी पी सी          | सायन यू एन टी पी सी        | 1     | 660           | 5/30/2013  | हाँ      | 16.6  | प. क्ष. |
| 2030                            | दिसम्बर | केन्द्रीय | एन टी पी सी          | फोर्खा एन टी पी एन         | 7     | 500           | 11/25/2010 | हाँ      | 19.1  | प. क्ष. |
| 2030                            | दिसम्बर | राज्य     | एन टी पी सी          | संजय प्रौद्योगिकी टी पी एन | 4     | 210           | 11/23/1999 | नहीं     | 30.1  | प. क्ष. |
| 2030                            | दिसम्बर | राज्य     | एन टी पी सी          | संजय प्रौद्योगिकी टी पी एन | 2     | 210           | 3/27/1994  | नहीं     | 35.8  | प. क्ष. |
| 2030                            | दिसम्बर | राज्य     | जी एन ई सी एल        | गांधी नगर टी पी एन         | 3     | 210           | 3/20/1990  | नहीं     | 39.8  | प. क्ष. |
| 2030                            | दिसम्बर | केन्द्रीय | एन टी पी सी          | विद्याचल एन टी पी एन       | 2     | 210           | 7/23/1988  | हाँ      | 41.5  | प. क्ष. |
| 2030                            | दिसम्बर | राज्य     | जी एन ई सी एल        | वानकवोरी टी पी एन          | 4     | 210           | 3/9/1986   | नहीं     | 43.8  | प. क्ष. |
| 2030                            | दिसम्बर | केन्द्रीय | एन टी पी सी          | फोर्खा एन टी पी एन         | 3     | 200           | 3/17/1984  | हाँ      | 45.8  | प. क्ष. |
| 2030                            | दिसम्बर | राज्य     | महा जेनको            | भुसावल टी पी एन            | 3     | 210           | 9/18/1982  | नहीं     | 47.3  | प. क्ष. |
| 2030                            | दिसम्बर | राज्य     | जी एन ई सी एल        | उकई टी पी एन               | 3     | 200           | 1/21/1979  | नहीं     | 51.0  | प. क्ष. |
| दिसम्बर कुल                     |         |           |                      |                            | 26    | 7910          |            |          |       |         |
| कुल इकाईयाँ एवं क्षमता (चरण IV) |         |           |                      |                            | 191   | 55767         |            |          |       |         |

राकेश कुमार, सचिव

[विज्ञापन-III/4/असा./617/2023-24]

## CENTRAL ELECTRICITY AUTHORITY

## NOTIFICATION

New Delhi, the 15th December, 2023

CEA-TH-14-21/5/2023-TRM Division.—Whereas the Central Electricity Authority (Flexible Operation of Coal based Thermal Generating Units) Regulations, 2023 was notified by the Central Electricity Authority vide notification no. CEA-TH-17-13/4/2022-TETD Division dated 30th January, 2023;

And whereas the sub-regulation (2) of regulation 5 of the said regulations requires that the implementation of the flexible operation of the Coal based thermal generating Units shall be as per the Phasing Plan specified by the Authority from time to time;

And whereas the phasing plan has been finalized after incorporating the comments from the stakeholders. The final phasing plan approved by the Authority is attached herein under at Annexure.

## Annexure

## (PHASING PLAN)

- The utilities shall modify the units strictly within the duration stipulated under various phases in the Phasing Plan mentioned herein under.
- The utilities shall avail the maximum shutdown period of one month as mentioned against each unit in the Phasing Plan.
- As far as possible, the utilities shall match the shutdown period of upgradation/retrofits works for flexible operation with Annual Over Haul (AOH) period.
- The utilities shall plan shutdown period of the units for upgradation/retrofits works for flexible operation in coordination with the respective Regional Power Committee (RPC).
- The following five phases have been identified under the Phasing Plan including a Pilot Phase:

**I. PHASE- PILOT****Duration: To be completed by March, 2024**

Under this phase, the following 10 nos. of units of capacity 5850 MegaWatt (MW) in aggregate of various thermal power plants have been planned and identified for which the study, field tests, retrofits etc. have already been initiated for flexible operation. The upgradation/retrofitting for flexible operation to be completed before 31<sup>st</sup> March, 2024.

**PILOT PHASE (May, 2023 - March, 2024)**

| Phase                    | Sector  | Organisation    | Name of Project | Unit No.  | Capacity (MW) | Region |
|--------------------------|---------|-----------------|-----------------|-----------|---------------|--------|
| Pilot                    | Central | NTPC            | MAUDA TPS       | 1         | 500           | WR     |
| Pilot                    | Central | NTPC            | SIMHADRI        | 3         | 500           | SR     |
| Pilot                    | Central | NTPC            | DADRI           | 6         | 490           | NR     |
| Pilot                    | Central | DVC             | MEJA TPS        | 8         | 500           | ER     |
| Pilot                    | Central | NEYVELI LIGNITE | NEYVELI NEW TPP | 2         | 500           | SR     |
| Pilot                    | State   | KPCL            | YERMARUS TPS    | 1         | 800           | SR     |
| Pilot                    | State   | GSECL           | WANAKBORI TPP   | 6         | 800           | WR     |
| Pilot                    | State   | RRVUNL          | SURATGARH SCTPP | 8         | 660           | NR     |
| Pilot                    | State   | WBPDCL          | SAGARDIGHI TPS  | 3         | 500           | ER     |
| Pilot                    | Private | CEPL            | MUTHIARA        | 2         | 600           | SR     |
| <b>Pilot Phase Total</b> |         |                 |                 | <b>10</b> | <b>5850</b>   |        |

**II. PHASE-I****Duration: July, 2024 to June, 2026**

Under this phase, the following 91 Nos. of units of capacity 51080 MW in aggregate of various thermal power plants have been planned and identified for the upgradation/retrofitting for flexible operation including the study and field tests. This phase to be completed within 2 years i.e. from July, 2024 to June, 2026.

**PHASE I ( JULY , 2024 - JUNE , 2026)**

| Year                  | Month    | Phase   | Sector  | Organisation | Name of Project           | Unit No.  | Capacity (MW) | Date of Commissioning | Pit head | Region |
|-----------------------|----------|---------|---------|--------------|---------------------------|-----------|---------------|-----------------------|----------|--------|
| 2024                  | November | Phase I | State   | UPRVUNL      | HARDUAGANJ TPS            | 10        | 660           | 1/29/2022             | N        | NR     |
| 2024                  | November | Phase I | Private | GPGSL (GVK)  | GOINDWAL SAHIB            | 2         | 270           | 3/15/2016             | N        | NR     |
| 2024                  | November | Phase I | State   | APPDCL       | DAMODARAM SANJEEVAIAH TPS | 3         | 800           | 3/9/2023              | N        | SR     |
| 2024                  | November | Phase I | State   | TSGENCO      | BHADRADRI TPP             | 4         | 270           | 1/9/2022              | N        | SR     |
| 2024                  | November | Phase I | State   | TANGEDCO     | METTUR TPS-II             | 1         | 600           | 10/11/2012            | N        | SR     |
| 2024                  | November | Phase I | Central | NTPC         | GADARWARA TPP             | 2         | 800           | 2/16/2021             | N        | WR     |
| 2024                  | November | Phase I | Private | RKMPPPL      | UCHPINDA TPP              | 3         | 360           | 9/12/2017             | N        | WR     |
| 2024                  | November | Phase I | Central | NTPC         | MAUDA TPS                 | 3         | 660           | 3/28/2016             | N        | WR     |
| 2024                  | November | Phase I | Private | APL          | MUNDRA TPS                | 8         | 660           | 3/3/2012              | N        | WR     |
| 2024                  | November | Phase I | Central | DVC          | BOKARO TPS 'A' EXP        | 1         | 500           | 3/22/2016             | N        | ER     |
| <b>November Total</b> |          |         |         |              |                           | <b>10</b> | <b>5580</b>   |                       |          |        |
| 2024                  | December | Phase I | Central | NTPC         | TANDA TPS                 | 6         | 660           | 3/31/2021             | N        | NR     |
| 2024                  | December | Phase I | Private | GPGSL (GVK)  | GOINDWAL SAHIB            | 1         | 270           | 2/14/2016             | N        | NR     |
| 2024                  | December | Phase I | Private | ITPCL        | ITPCL TPP                 | 2         | 600           | 4/18/2016             | N        | SR     |
| 2024                  | December | Phase I | Private | HNPC         | VIZAG TPP                 | 2         | 520           | 3/30/2016             | N        | SR     |
| 2024                  | December | Phase I | Central | NTPC         | SIMHADRI                  | 4         | 500           | 3/30/2012             | N        | SR     |
| 2024                  | December | Phase I | Central | NTPC         | LARA TPP                  | 2         | 800           | 7/12/2020             | N        | WR     |
| 2024                  | December | Phase I | Private | RATTANINDIA  | NASIK (P) TPS             | 5         | 270           | 5/30/2017             | N        | WR     |
| 2024                  | December | Phase I | Private | APL          | RAIKHEDA TPP              | 2         | 685           | 3/28/2016             | N        | WR     |
| 2024                  | December | Phase I | Private | CGPL         | MUNDRA UMTTP              | 1         | 800           | 2/25/2012             | N        | WR     |
| 2024                  | December | Phase I | Private | IBPIL        | UTKAL TPP (IND BARATH)    | 1         | 350           | 2/25/2016             | N        | ER     |
| <b>December Total</b> |          |         |         |              |                           | <b>10</b> | <b>5455</b>   |                       |          |        |

|                      |         |         |         |             |                   |          |             |            |   |    |
|----------------------|---------|---------|---------|-------------|-------------------|----------|-------------|------------|---|----|
| 2025                 | January | Phase I | Central | NTPC        | MEJA STPP         | 2        | 660         | 1/12/2021  | N | NR |
| 2025                 | January | Phase I | Private | SPPL        | Thoothukudi St IV | 1        | 525         | 11/30/2021 | N | SR |
| 2025                 | January | Phase I | State   | SCCL        | SINGARENI TPP     | 1        | 600         | 3/13/2016  | N | SR |
| 2025                 | January | Phase I | Central | NTECL       | VALLUR TPP        | 1        | 500         | 3/28/2012  | N | SR |
| 2025                 | January | Phase I | Central | NTPC        | KHARGONE STPP     | 2        | 660         | 3/24/2020  | N | WR |
| 2025                 | January | Phase I | Private | RATTANINDIA | NASIK (P) TPS     | 4        | 270         | 5/19/2017  | N | WR |
| 2025                 | January | Phase I | Private | BALCO       | BALCO TPS         | 2        | 300         | 3/24/2015  | N | WR |
| 2025                 | January | Phase I | Central | DVC         | RAGHUNATHPUR TPP  | 2        | 600         | 1/18/2016  | N | ER |
| <b>January Total</b> |         |         |         |             |                   | <b>8</b> | <b>4115</b> |            |   |    |

|      |          |         |         |   |                               |           |              |            |   |    |
|------|----------|---------|---------|---|-------------------------------|-----------|--------------|------------|---|----|
| 2025 | February | Phase I | State   | RRVUNL                                    | Suratgarh SCTPP               | 7         | 660          |            | N | NR |
| 2025 | February | Phase I | Central | NTPC                                      | UNCHAHAR TPS                  | 5         | 210          | 9/28/2006  | N | NR |
| 2025 | February | Phase I | State   | TSGENCO                                   | BHADRADRI TPP                 | 3         | 270          | 3/26/2021  | N | SR |
| 2025 | February | Phase I | State   | KPCL                                      | BELLARY TPS                   | 3         | 700          | 3/1/2016   | N | SR |
| 2025 | February | Phase I | Central | NTPC                                      | KHARGONE STPP                 | 1         | 660          | 9/29/2019  | N | WR |
| 2025 | February | Phase I | Private | SKS                                       | BINJKOTE TPP                  | 2         | 300          | 4/25/2017  | N | WR |
| 2025 | February | Phase I | Private | JHAPL                                     | SEIONI TPP                    | 1         | 600          | 3/22/2016  | N | WR |
| 2025 | February | Phase I | Central | NTPC                                      | KUDGI STPP                    | 1         | 800          | 12/25/2016 | N | SR |
|      |          |         |         | <b>February Total</b>                     |                               | <b>8</b>  | <b>4200</b>  |            |   |    |
| 2025 | March    | Phase I | Central | NTPC                                      | TANDA TPS                     | 5         | 660          | 9/28/2019  | N | NR |
| 2025 | March    | Phase I | State   | TSGENCO                                   | BHADRADRI TPP                 | 2         | 270          | 12/7/2020  | N | SR |
| 2025 | March    | Phase I | Private | SEIL                                      | PAINAMPURAM TPP               | 2         | 660          | 9/3/2015   | N | SR |
| 2025 | March    | Phase I | Private | TRNE                                      | NAWAPARA TPP                  | 2         | 300          | 4/18/2017  | N | WR |
| 2025 | March    | Phase I | State   | MAHAGENCO                                 | CHANDRAPUR(MA HARASHTRA) STPS | 9         | 500          | 3/21/2016  | N | WR |
| 2025 | March    | Phase I | Private | TSPL                                      | TALWANDI SABO TPP             | 3         | 660          | 3/29/2016  | N | NR |
| 2025 | March    | Phase I | State   | CSPGCL                                    | MARWA TPS                     | 2         | 500          | 7/15/2016  | N | WR |
| 2025 | March    | Phase I | Private | CGPL                                      | MUNDRA UMTTP                  | 3         | 800          | 10/16/2012 | N | WR |
| 2025 | March    | Phase I | State   | SCCL                                      | SINGARENI TPP                 | 2         | 600          | 11/25/2016 | N | SR |
|      |          |         |         | <b>March Total</b>                        |                               | <b>9</b>  | <b>4950</b>  |            |   |    |
| 2025 | July     | Phase I | State   | RRVUNL                                    | CHHABRA TPP                   | 6         | 660          | 3/29/2019  | N | NR |
| 2025 | July     | Phase I | State   | TSGENCO                                   | BHADRADRI TPP                 | 1         | 270          | 6/5/2020   | N | SR |
| 2025 | July     | Phase I | Central | NTPL                                      | Thoothukudi (JV) TPP          | 2         | 500          | 7/9/2015   | N | SR |
| 2025 | July     | Phase I | Central | NTPC                                      | GADARWARA TPP                 | 1         | 800          | 3/29/2019  | N | WR |
| 2025 | July     | Phase I | Private | RATTANINDIA                               | NASIK (P) TPS                 | 3         | 270          | 4/14/2017  | N | WR |
| 2025 | July     | Phase I | Private | SEIL                                      | SGPL TPP                      | 1         | 660          | 1/12/2016  | N | SR |
| 2025 | July     | Phase I | State   | MAHAGENCO                                 | KORADI TPS                    | 9         | 660          | 3/15/2016  | N | WR |
|      |          |         |         | <b>July Total</b>                         |                               | <b>7</b>  | <b>3820</b>  |            |   |    |
| 2025 | November | Phase I | Central | NTPC                                      | MEJA STPP                     | 1         | 660          | 3/31/2018  | N | NR |
| 2025 | November | Phase I | State   | TSGENCO                                   | KOTHAGUDEM TPS (STAGE-7)      | 12        | 800          | 12/26/2018 | N | SR |
| 2025 | November | Phase I | State   | APPDCL                                    | DAMODARAM SANJEEVAIAH TPS     | 2         | 800          | 3/17/2015  | N | SR |
| 2025 | November | Phase I | State   | MPPGCL                                    | SHREE SINGAJI TPP             | 4         | 660          | 3/27/2019  | N | WR |
| 2025 | November | Phase I | Central | NTPC                                      | SOLAPUR STPS                  | 1         | 660          | 4/7/2017   | N | WR |
| 2025 | November | Phase I | Private | RKMPPPL                                   | UCHPINDA TPP                  | 2         | 360          | 1/28/2016  | N | WR |
| 2025 | November | Phase I | Central | NTECL                                     | VALLUR TPP                    | 2         | 500          | 2/28/2013  | N | SR |
| 2025 | November | Phase I | Private | CGPL                                      | MUNDRA UMTTP                  | 2         | 800          | 7/17/2012  | N | WR |
| 2025 | November | Phase I | Private | SPPL                                      | SHIRPUR TPP                   | 1         | 150          | 9/28/2017  | N | WR |
|      |          |         |         | <b>November Total</b>                     |                               | <b>9</b>  | <b>5390</b>  |            |   |    |
| 2025 | December | Phase I | Central | NTPC                                      | KUDGI STPP                    | 3         | 800          | 3/12/2018  | N | SR |
| 2025 | December | Phase I | Central | NTPL                                      | Thoothukudi (JV) TPP          | 1         | 500          | 3/10/2015  | N | SR |
| 2025 | December | Phase I | Private | RKMPPPL                                   | UCHPINDA TPP                  | 4         | 360          | 3/20/2019  | N | WR |
| 2025 | December | Phase I | Central | NTPC                                      | MAUDA TPS                     | 4         | 660          | 3/18/2017  | N | WR |
| 2025 | December | Phase I | State   | TANGEDCO                                  | NORTH CHENNAI TPS             | 4         | 600          | 9/13/2013  | N | SR |
| 2025 | December | Phase I | Central | NTPC                                      | LARA TPP                      | 1         | 800          | 3/23/2018  | N | WR |
| 2025 | December | Phase I | Private | RATTANINDIA                               | AMARAVATI                     | 5         | 270          | 3/12/2015  | N | WR |
|      |          |         |         | <b>December Total</b>                     |                               | <b>7</b>  | <b>3990</b>  |            |   |    |
| 2026 | January  | Phase I | State   | RRVUNL                                    | CHHABRA TPP                   | 5         | 660          | 4/4/2017   | N | NR |
| 2026 | January  | Phase I | State   | APGENCO                                   | RAYALASEEMA TPS               | 6         | 600          | 3/12/2018  | N | SR |
| 2026 | January  | Phase I | Private | SEIL                                      | PAINAMPURAM TPP               | 1         | 660          | 2/7/2015   | N | SR |
| 2026 | January  | Phase I | State   | MPPGCL                                    | SHREE SINGAJI TPP             | 3         | 660          | 11/18/2018 | N | WR |
| 2026 | January  | Phase I | Private | RATTANINDIA                               | NASIK (P) TPS                 | 2         | 270          | 2/15/2017  | N | WR |
| 2026 | January  | Phase I | State   | TANGEDCO                                  | NORTH CHENNAI TPS             | 5         | 600          | 3/9/2013   | N | SR |
| 2026 | January  | Phase I | Private | APL                                       | MUNDRA TPS                    | 9         | 660          | 3/9/2012   | N | WR |
| 2026 | January  | Phase I | Private | WPCL                                      | AKALTARA TPS                  | 2         | 600          | 1/18/2018  | N | WR |
| 2026 | January  | Phase I | Central | NTPC                                      | MAUDA TPS                     | 2         | 500          | 3/29/2013  | N | WR |
|      |          |         |         | <b>January Total</b>                      |                               | <b>9</b>  | <b>5210</b>  |            |   |    |
| 2026 | February | Phase I | Central | NTPC                                      | UNCHAHAR TPS                  | 6         | 500          | 3/31/2017  | N | NR |
| 2026 | February | Phase I | State   | KPCL                                      | YERMARUS TPP                  | 2         | 800          | 3/29/2017  | N | SR |
| 2026 | February | Phase I | State   | APPDCL                                    | DAMODARAM SANJEEVAIAH TPS     | 1         | 800          | 8/28/2014  | N | SR |
| 2026 | February | Phase I | Private | APL                                       | MAHAN TPP                     | 2         | 600          | 10/7/2018  | N | WR |
| 2026 | February | Phase I | State   | MAHAGENCO                                 | KORADI TPS                    | 10        | 660          | 12/28/2016 | N | WR |
| 2026 | February | Phase I | Central | NTPC                                      | SOLAPUR STPS                  | 2         | 660          | 3/30/2019  | N | WR |
| 2026 | February | Phase I | Private | CGPL                                      | MUNDRA UMTTP                  | 5         | 800          | 3/18/2013  | N | WR |
|      |          |         |         | <b>February Total</b>                     |                               | <b>7</b>  | <b>4820</b>  |            |   |    |
| 2026 | March    | Phase I | Central | NTPC                                      | KUDGI STPP                    | 2         | 800          | 3/23/2017  | N | SR |
| 2026 | March    | Phase I | Central | NTECL                                     | VALLUR TPP                    | 3         | 500          | 2/28/2014  | N | SR |
| 2026 | March    | Phase I | Private | SKS                                       | BINJKOTE TPP                  | 1         | 300          | 3/28/2018  | N | WR |
| 2026 | March    | Phase I | Private | TRNE                                      | NAWAPARA TPP                  | 1         | 300          | 8/14/2016  | N | WR |
| 2026 | March    | Phase I | State   | MAHAGENCO                                 | PARLI TPS                     | 8         | 250          | 3/30/2016  | N | WR |
| 2026 | March    | Phase I | Private | MBPMPL                                    | ANUPPUR TPP                   | 2         | 600          | 3/30/2016  | N | WR |
| 2026 | March    | Phase I | Private | CGPL                                      | MUNDRA UMTTP                  | 4         | 800          | 1/16/2013  | N | WR |
|      |          |         |         | <b>March Total</b>                        |                               | <b>7</b>  | <b>3550</b>  |            |   |    |
|      |          |         |         | <b>TOTAL UNITS AND CAPACITY (Phase I)</b> |                               | <b>91</b> | <b>51080</b> |            |   |    |

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## III. PHASE-II

Duration: July, 2026 to June, 2028

Under this phase, the following 100 Nos. of units of capacity 46825 MW in aggregate of various thermal power plants have been planned and identified for the upgradation/retrofitting for flexible operation including the study and field tests. This phase to be completed within 2 years i.e. from July, 2026 to June, 2028.

## PHASE II (JULY, 2026 - JUNE, 2028)

| Year           | Month    | Sector  | Organisation | Name of Project      | Unit No. | Capacity (MW) | Date of Commissioning | Pit head | Region |
|----------------|----------|---------|--------------|----------------------|----------|---------------|-----------------------|----------|--------|
| 2026           | July     | Private | RKMPPPL      | UCHPINDA TPP         | 1        | 360           | 10/28/2015            | N        | WR     |
| 2026           | July     | Private | JPL          | TAMNAR TPP           | 1        | 600           | 1/7/2015              | N        | WR     |
| 2026           | July     | Private | DBPCL        | BARADARHA TPS        | 1        | 600           | 2/23/2014             | N        | WR     |
| 2026           | July     | Private | APL          | MAHAN TPP            | 1        | 600           | 2/24/2013             | N        | WR     |
| 2026           | July     | Private | SEIL         | SGPL TPP             | 2        | 660           | 2/15/2017             | N        | SR     |
| 2026           | July     | Central | NTPC         | NORTH KARANPURA STPP | 1        | 660           | 1/18/2023             | N        | ER     |
| 2026           | July     | Private | ADHUNIK      | MAHADEV PRASAD STPP  | 2        | 270           | 3/29/2013             | N        | ER     |
| 2026           | July     | Central | NTPC         | BONGAIGAON TPP       | 3        | 250           | 3/23/2019             | N        | NER    |
| July Total     |          |         |              |                      | 8        | 4000          |                       |          |        |
| 2026           | August   | State   | GSECL        | SIKKA REP. TPS       | 4        | 250           | 9/25/2015             | N        | WR     |
| 2026           | August   | State   | MPPGCL       | SHREE SINGAJI TPP    | 2        | 600           | 10/15/2014            | N        | WR     |
| 2026           | August   | Private | RATTANINDIA  | AMARAVATI TPS        | 2        | 270           | 2/17/2014             | N        | WR     |
| 2026           | August   | Private | GMR ENERG    | GMR WARORA TPS       | 1        | 300           | 2/7/2013              | N        | WR     |
| 2026           | August   | State   | TSGENCO      | KAKATIYA TPS         | 2        | 600           | 12/31/2015            | N        | SR     |
| 2026           | August   | Central | NPGL         | NABINAGAR STPP       | 3        | 660           | 3/6/2022              | N        | ER     |
| 2026           | August   | Central | NTPC         | MUZAFFARPUR TPS      | 4        | 195           | 3/24/2016             | N        | ER     |
| 2026           | August   | Private | GMR ENERG    | KAMALANGA TPS        | 1        | 350           | 3/29/2013             | N        | ER     |
| August Total   |          |         |              |                      | 8        | 3225          |                       |          |        |
| 2026           | November | Private | MCCPL        | BANDAKHAR TPP        | 1        | 300           | 6/19/2015             | N        | WR     |
| 2026           | November | Private | APL          | TIRORA TPS           | 5        | 660           | 9/25/2014             | N        | WR     |
| 2026           | November | State   | MPPGCL       | SATPURA TPS          | 11       | 250           | 12/25/2013            | N        | WR     |
| 2026           | November | Private | HNPC         | VIZAG TPP            | 1        | 520           | 12/27/2015            | N        | SR     |
| 2026           | November | Central | NTPC         | NABI NAGAR TPP       | 4        | 250           | 11/10/2021            | N        | ER     |
| 2026           | November | Central | DVC          | KODARMA TPP          | 2        | 500           | 2/15/2013             | N        | ER     |
| 2026           | November | Central | NTPC         | BONGAIGAON TPP       | 1        | 250           | 6/22/2015             | N        | NER    |
| 2026           | November | State   | RRVUNL       | KALISINDH TPS        | 2        | 600           | 6/6/2015              | N        | NR     |
| November Total |          |         |              |                      | 8        | 3330          |                       |          |        |
| 2026           | December | Private | BALCO        | BALCO TPS            | 1        | 300           | 6/4/2015              | N        | WR     |
| 2026           | December | Private | JPPVL        | NIGRI TPP            | 1        | 660           | 8/29/2014             | N        | WR     |
| 2026           | December | State   | MPPGCL       | SHREE SINGAJI TPP    | 1        | 600           | 11/18/2013            | N        | WR     |
| 2026           | December | Private | ITPCL        | ITPCL TPP            | 1        | 600           | 9/19/2015             | N        | SR     |
| 2026           | December | Central | NTPC         | BARH I               | 1        | 660           | 10/30/2021            | N        | ER     |
| 2026           | December | Central | NTPC         | MUZAFFARPUR TPS      | 3        | 195           | 3/31/2015             | N        | ER     |
| 2026           | December | Private | ADHUNIK      | MAHADEV PRASAD STPP  | 1        | 270           | 11/19/2012            | N        | ER     |
| 2026           | December | Private | NPL          | RAJPURA TPP          | 2        | 700           | 7/6/2014              | N        | NR     |
| December Total |          |         |              |                      | 8        | 3985          |                       |          |        |
| 2027           | January  | Private | MBPMPL       | ANUPPUR TPP          | 1        | 600           | 4/20/2015             | N        | WR     |
| 2027           | January  | Private | WPCL         | AKALTARA TPS         | 4        | 600           | 8/22/2014             | N        | WR     |
| 2027           | January  | Private | DIPL         | DHARIWAL TPP         | 1        | 300           | 11/3/2013             | N        | WR     |
| 2027           | January  | Private | CEPL         | MUTHIARA TPP         | 1        | 600           | 12/2/2014             | N        | SR     |
| 2027           | January  | Central | NTPC         | NEW NABI NAGAR TPP   | 2        | 660           | 3/31/2021             | N        | ER     |
| 2027           | January  | Central | NTPC         | BARH II              | 5        | 660           | 3/4/2015              | N        | ER     |
| 2027           | January  | Private | MPL          | MAITHON RB TPP       | 2        | 525           | 3/31/2012             | N        | ER     |
| 2027           | January  | Private | TSPL         | TALWANDI SABO TPP    | 1        | 660           | 6/17/2014             | N        | NR     |
| January Total  |          |         |              |                      | 8        | 4605          |                       |          |        |
| 2027           | February | State   | MAHAGENCO    | KORADI TPS           | 8        | 660           | 3/30/2015             | N        | WR     |
| 2027           | February | Private | DIPL         | DHARIWAL TPP         | 2        | 300           | 5/28/2014             | N        | WR     |
| 2027           | February | Private | GMR ENERG    | GMR WARORA TPS       | 2        | 300           | 8/27/2013             | N        | WR     |

|                |          |         |              |                               |    |      |            |   |     |
|----------------|----------|---------|--------------|-------------------------------|----|------|------------|---|-----|
| 2027           | February | Central | NTPC         | NEW NABI NAGAR TPP            | 1  | 660  | 7/12/2019  | N | ER  |
| 2027           | February | Private | HEL          | HALDIA TPP                    | 2  | 300  | 2/16/2015  | N | ER  |
| 2027           | February | Central | DVC          | DURGAPUR STEEL TPS            | 2  | 500  | 3/23/2012  | N | ER  |
| 2027           | February | State   | RRVUNL       | KALISINDH TPS                 | 1  | 600  | 5/2/2014   | N | NR  |
| February Total |          |         |              |                               | 7  | 3320 |            |   |     |
| 2027           | March    | State   | GSECL        | SIKKA REP. TPS                | 3  | 250  | 3/29/2015  | N | WR  |
| 2027           | March    | Private | VVL          | SALORA TPP                    | 1  | 135  | 4/10/2014  | N | WR  |
| 2027           | March    | Private | WPCL         | AKALTARA TPS                  | 3  | 600  | 8/13/2013  | N | WR  |
| 2027           | March    | State   | MAHAGENCO    | BHUSAWAL TPS                  | 5  | 500  | 3/30/2012  | N | WR  |
| 2027           | March    | Private | JITPL        | DERANG TPP                    | 2  | 600  | 1/24/2015  | N | ER  |
| 2027           | March    | Private | LPGCL        | LALITPUR TPS                  | 1  | 660  | 3/26/2016  | N | NR  |
| 2027           | March    | Private | NPL          | RAJPURA TPP                   | 1  | 700  | 1/24/2014  | N | NR  |
| March Total    |          |         |              |                               | 7  | 3445 |            |   |     |
| 2027           | July     | State   | MAHAGENCO    | CHANDRAPUR(MAHA RASHTRA) STPS | 8  | 500  | 3/29/2015  | N | WR  |
| 2027           | July     | Private | APL          | AVANTHA BHANDAR               | 1  | 600  | 3/31/2014  | N | WR  |
| 2027           | July     | Private | APL          | TIRORA TPS                    | 3  | 660  | 6/10/2013  | N | WR  |
| 2027           | July     | Private | HEL          | HALDIA TPP                    | 1  | 300  | 1/14/2015  | N | ER  |
| 2027           | July     | State   | WBPDC        | SAGARDIGHI TPS                | 4  | 500  | 12/15/2016 | N | ER  |
| 2027           | July     | Private | TSPL         | TALWANDI SABO TPP             | 2  | 660  | 10/25/2015 | N | NR  |
| 2027           | July     | Private | APL          | KAWAI TPS                     | 2  | 660  | 12/24/2013 | N | NR  |
| July Total     |          |         |              |                               | 7  | 3880 |            |   |     |
| 2027           | August   | Private | JPL          | TAMNAR TPP                    | 4  | 600  | 3/28/2015  | N | WR  |
| 2027           | August   | Private | VIP          | BUTIBORI TPP                  | 1  | 300  | 3/31/2014  | N | WR  |
| 2027           | August   | Private | JPPVL        | BINA TPS                      | 2  | 250  | 3/31/2013  | N | WR  |
| 2027           | August   | Central | NTPC         | NABI NAGAR TPP                | 3  | 250  | 2/26/2019  | N | ER  |
| 2027           | August   | Central | DVC          | RAGHUNATHPUR TPP              | 1  | 600  | 8/24/2014  | N | ER  |
| 2027           | August   | Private | LPGCL        | LALITPUR TPS                  | 2  | 660  | 1/8/2016   | N | NR  |
| 2027           | August   | Private | APL          | KAWAI TPS                     | 1  | 660  | 5/28/2013  | N | NR  |
| August Total   |          |         |              |                               | 7  | 3320 |            |   |     |
| 2027           | November | Private | DBPCL        | BARADARHA TPS                 | 2  | 600  | 3/24/2015  | N | WR  |
| 2027           | November | State   | CSPGCL       | MARWA TPS                     | 1  | 500  | 3/30/2014  | N | WR  |
| 2027           | November | Private | APL          | TIRORA TPS                    | 2  | 660  | 3/25/2013  | N | WR  |
| 2027           | November | Central | NTPC         | BARAUNI TPS                   | 9  | 250  | 3/31/2018  | N | ER  |
| 2027           | November | Private | JITPL        | DERANG TPP                    | 1  | 600  | 4/10/2014  | N | ER  |
| 2027           | November | Private | PPGCL        | PRAYAGRAJ TPP                 | 2  | 660  | 9/6/2016   | N | NR  |
| 2027           | November | State   | UPRVUNL      | PARICHHA TPS                  | 6  | 250  | 3/11/2013  | N | NR  |
| November Total |          |         |              |                               | 7  | 3520 |            |   |     |
| 2027           | December | Private | RATTANINDIA  | AMARAVATI TPS                 | 4  | 270  | 3/4/2015   | N | WR  |
| 2027           | December | Private | JPL          | TAMNAR TPP                    | 3  | 600  | 3/30/2014  | N | WR  |
| 2027           | December | Central | NTPC         | BARAUNI TPS                   | 8  | 250  | 1/11/2018  | N | ER  |
| 2027           | December | State   | DPL          | D.P.L. TPS                    | 8  | 250  | 3/31/2014  | N | ER  |
| 2027           | December | Central | NTPC         | NABI NAGAR TPP                | 1  | 250  | 3/20/2016  | N | ER  |
| 2027           | December | Private | PPGCL (Tata) | PRAYAGRAJ TPP                 | 3  | 660  | 5/22/2017  | N | NR  |
| December total |          |         |              |                               | 6  | 2280 |            |   |     |
| 2028           | January  | Private | JPPVL        | NIGRI TPP                     | 2  | 660  | 2/27/2015  | N | WR  |
| 2028           | January  | Private | APL          | TIRORA TPS                    | 4  | 660  | 3/23/2014  | N | WR  |
| 2028           | January  | State   | MPPGCL       | SATPURA TPS                   | 10 | 250  | 3/22/2013  | N | WR  |
| 2028           | January  | Private | HMEL         | Hiranmaye TPP                 | 2  | 150  | 12/31/2017 | N | ER  |
| 2028           | January  | Private | GMR ENERG    | KAMALANGA TPS                 | 3  | 350  | 3/21/2014  | N | ER  |
| 2028           | January  | Private | LPGCL        | LALITPUR TPS                  | 3  | 660  | 4/1/2016   | N | NR  |
| January Total  |          |         |              |                               | 6  | 2730 |            |   |     |
| 2028           | February | Private | APL          | RAIKHEDA TPP                  | 1  | 685  | 2/24/2015  | N | WR  |
| 2028           | February | Private | JPL          | TAMNAR TPP                    | 2  | 600  | 3/10/2014  | N | WR  |
| 2028           | February | Private | IEPL         | BELA TPS                      | 1  | 270  | 3/20/2013  | N | WR  |
| 2028           | February | Private | HMEL         | Hiranmaye TPP                 | 1  | 150  | 6/7/2017   | N | ER  |
| 2028           | February | Central | NTPC         | BONGAIGAON TPP                | 2  | 250  | 3/22/2017  | N | NER |
| 2028           | February | Private | RATTANINDIA  | AMARAVATI TPS                 | 1  | 270  | 3/25/2013  | N | WR  |

|                                     |          |         |              |                |     |       |            |   |    |
|-------------------------------------|----------|---------|--------------|----------------|-----|-------|------------|---|----|
| 2028                                | February | Central | NTPC         | BARII II       | 4   | 660   | 11/20/2013 | N | ER |
| February Total                      |          |         |              |                | 7   | 2885  |            |   |    |
| 2028                                | March    | Private | RATTANINDIA  | AMARAVATI TPS  | 3   | 270   | 1/29/2015  | N | WR |
| 2028                                | March    | Private | RATTANINDIA  | NASIK (P) TPS  | 1   | 270   | 2/25/2014  | N | WR |
| 2028                                | March    | State   | GSECL        | UKAI TPS       | 6   | 500   | 3/5/2013   | N | WR |
| 2028                                | March    | Central | NTPC         | NABI NAGAR TPP | 2   | 250   | 4/3/2017   | N | ER |
| 2028                                | March    | Private | PPGCL (Tata) | PRAYAGRAJ TPP  | 1   | 660   | 12/25/2015 | N | NR |
| 2028                                | March    | Private | GMR ENERG    | KAMALANGA TPS  | 2   | 350   | 9/28/2013  | N | ER |
| March Total                         |          |         |              |                | 6   | 2300  |            |   |    |
| TOTAL UNITS AND CAPACITY (Phase II) |          |         |              |                | 100 | 46825 |            |   |    |

IV. PHASE-III

Duration: July, 2028 to December, 2029

Under this phase, the following 101 Nos. of units of capacity 37215 MW in aggregate of various thermal power plants have been planned and identified for the upgradation/retrofitting for flexible operation including the study and field tests. This phase to be completed within a period of 18 months i.e. from July, 2028 to December, 2029.

| PHASE III ( JULY , 2028 - DEC. 2029) |          |         |                 |                      |          |               |                       |         |        |
|--------------------------------------|----------|---------|-----------------|----------------------|----------|---------------|-----------------------|---------|--------|
| Year                                 | Month    | Sector  | Organisation    | Name of Project      | Unit No. | Capacity (MW) | Date of Commissioning | Pithead | Region |
| 2028                                 | July     | Private | RPSCCL          | ROSA TPP Ph-II       | 3        | 300           | 12/28/2011            | N       | NR     |
| 2028                                 | July     | State   | UPRVUNL         | PARICHHA TPS         | 3        | 210           | 3/29/2006             | N       | NR     |
| 2028                                 | July     | Central | NEYVELI LIGNITE | NEYVELI NEW TPP      | 1        | 500           | 12/20/2019            | Y       | SR     |
| 2028                                 | July     | State   | APGENCO         | RAYALASEEMA TPS      | 4        | 210           | 11/20/2007            | N       | SR     |
| 2028                                 | July     | Private | APL             | MUNDRA TPS           | 7        | 660           | 11/7/2011             | N       | WR     |
| 2028                                 | July     | Private | JSWEL           | JSW RATNAGIRI TPP    | 1        | 300           | 8/24/2010             | N       | WR     |
| 2028                                 | July     | Private | JPL             | OP JINDAL TPS        | 4        | 250           | 6/17/2008             | N       | WR     |
| 2028                                 | July     | Central | NTPC            | DARLIPALI STPS       | 2        | 800           | 7/21/2021             | Y       | ER     |
| 2028                                 | July     | State   | WBPDCL          | BAKRESWAR TPS        | 5        | 210           | 12/24/2007            | N       | ER     |
| July Total                           |          |         |                 |                      | 9        | 3440          |                       |         |        |
| 2028                                 | August   | State   | UPRVUNL         | HARDUAGANJ TPS       | 8        | 250           | 9/27/2011             | N       | NR     |
| 2028                                 | August   | State   | TSGENCO         | KOTHAGUDEM TPS (NEW) | 11       | 500           | 6/26/2011             | N       | SR     |
| 2028                                 | August   | State   | APGENCO         | RAYALASEEMA TPS      | 3        | 210           | 1/25/2007             | N       | SR     |
| 2028                                 | August   | Private | JSWEL           | JSW RATNAGIRI TPP    | 4        | 300           | 10/8/2011             | N       | WR     |
| 2028                                 | August   | Private | APL             | MUNDRA TPS           | 3        | 330           | 8/2/2010              | N       | WR     |
| 2028                                 | August   | Central | NSPCL           | BHILAI TPS           | 1        | 250           | 4/20/2008             | N       | WR     |
| 2028                                 | August   | Central | NTPC            | DARLIPALI STPS       | 1        | 800           | 12/30/2019            | Y       | ER     |
| 2028                                 | August   | Private | APL             | TIRORA TPS           | 1        | 660           | 9/11/2012             | N       | WR     |
| 2028                                 | August   | Central | NTPC            | INDIRA GANDHI STPP   | 3        | 500           | 11/7/2012             | N       | NR     |
| 2028                                 | August   | State   | WBPDCL          | SAGARDIGHI TPS       | 2        | 300           | 12/21/2007            | N       | ER     |
| August Total                         |          |         |                 |                      | 10       | 4100          |                       |         |        |
| 2028                                 | November | State   | HPGCL           | RAJIV GANDHI TPS     | 2        | 600           | 10/1/2010             | N       | NR     |
| 2028                                 | November | Private | APL             | UDUPI TPP            | 2        | 600           | 4/16/2011             | N       | SR     |
| 2028                                 | November | Central | NEYVELI LIGNITE | NEYVELI ( EXT) TPS   | 2        | 210           | 7/22/2003             | Y       | SR     |
| 2028                                 | November | State   | MAHAGENCO       | KHAPARKHEDA TPS      | 5        | 500           | 8/5/2011              | N       | WR     |
| 2028                                 | November | Private | WPCL            | WARDHA WARORA TPP    | 1        | 135           | 6/5/2010              | N       | WR     |
| 2028                                 | November | Private | JPL             | OP JINDAL TPS        | 3        | 250           | 3/6/2008              | N       | WR     |
| 2028                                 | November | Central | DVC             | DURGAPUR STEEL TPS   | 1        | 500           | 7/29/2011             | N       | ER     |
| 2028                                 | November | Private | JPPVL           | BINA TPS             | 1        | 250           | 8/12/2012             | N       | WR     |
| 2028                                 | November | State   | DPL             | D.P.L. TPS           | 7        | 300           | 11/24/2007            | N       | ER     |
| November Total                       |          |         |                 |                      | 9        | 3345          |                       |         |        |
| 2028                                 | December | Private | RPSCCL          | ROSA TPP Ph-I        | 2        | 300           | 6/26/2010             | N       | NR     |
| 2028                                 | December | State   | APGENCO         | RAYALASEEMA TPS      | 5        | 210           | 12/31/2010            | N       | SR     |
| 2028                                 | December | State   | KPCL            | RAICHUR TPS          | 7        | 210           | 12/11/2002            | N       | SR     |
| 2028                                 | December | Private | APL             | MUNDRA TPS           | 6        | 660           | 7/20/2011             | N       | WR     |

|                |          |         |                 |                        |   |      |            |   |    |
|----------------|----------|---------|-----------------|------------------------|---|------|------------|---|----|
| 2028           | December | State   | MAHAGENCO       | PARAS TPS              | 2 | 250  | 3/27/2010  | N | WR |
| 2028           | December | Private | JPL             | OP JINDAL TPS          | 2 | 250  | 2/10/2008  | N | WR |
| 2028           | December | Central | DVC             | KODARMA TPP            | 1 | 500  | 7/20/2011  | N | ER |
| 2028           | December | Private | JhPL(HR)        | MAHATMA GANDHI TPS     | 1 | 660  | 1/12/2012  | N | NR |
| 2028           | December | State   | WBPDCL          | SANTALDIH TPS          | 5 | 250  | 11/7/2007  | N | ER |
| December Total |          |         |                 |                        | 9 | 3290 |            |   |    |
| 2029           | January  | State   | HPGCL           | RAJIV GANDHI TPS       | 1 | 600  | 3/31/2010  | N | NR |
| 2029           | January  | Private | APL             | UDUPI TPP              | 1 | 600  | 7/23/2010  | N | SR |
| 2029           | January  | Central | NEYVELI LIGNITE | NEYVELI (EXT) TPS      | 1 | 210  | 10/21/2002 | Y | SR |
| 2029           | January  | Private | JSWEL           | JSW RATNAGIRI TPP      | 3 | 300  | 5/6/2011   | N | WR |
| 2029           | January  | Private | LANCO           | PATHADI TPP            | 2 | 300  | 3/25/2010  | N | WR |
| 2029           | January  | State   | CSPGCL          | DSPM TPS               | 2 | 250  | 12/11/2007 | N | WR |
| 2029           | January  | Private | MPL             | MAITHON RB TPP         | 1 | 525  | 6/30/2011  | N | ER |
| 2029           | January  | Central | NTPC            | SIMHADRI               | 2 | 500  | 8/24/2002  | N | SR |
| 2029           | January  | Central | DVC             | MEJIA TPS              | 4 | 210  | 10/12/2004 | N | ER |
| January Total  |          |         |                 |                        | 9 | 3495 |            |   |    |
| 2029           | February | Private | RPSCL           | ROSA TPP Ph-I          | 1 | 300  | 2/10/2010  | N | NR |
| 2029           | February | State   | KPCL            | RAICHUR TPS            | 8 | 250  | 6/26/2010  | N | SR |
| 2029           | February | Private | TAQA            | NEYVELI TPS(Z)         | 1 | 250  | 10/21/2002 | N | SR |
| 2029           | February | Private | WPCL            | WARDHA WARORA TPP      | 4 | 135  | 4/30/2011  | N | WR |
| 2029           | February | Private | APL             | MUNDRA TPS             | 2 | 330  | 3/17/2010  | N | WR |
| 2029           | February | Private | JPL             | OP JINDAL TPS          | 1 | 250  | 9/2/2007   | N | WR |
| 2029           | February | State   | WBPDCL          | SANTALDIH TPS          | 6 | 250  | 6/29/2011  | N | ER |
| 2029           | February | Private | RPSCL           | ROSA TPP Ph-II         | 4 | 300  | 3/28/2012  | N | NR |
| 2029           | February | Private | TATA PCL        | JOJOBERA TPS           | 3 | 120  | 2/1/2002   | N | ER |
| February Total |          |         |                 |                        | 9 | 2185 |            |   |    |
| 2029           | March    | State   | PSPCL           | GH TPS (LEH.MOH.)      | 4 | 250  | 7/31/2008  | N | NR |
| 2029           | March    | State   | TSGENCO         | KAKATIYA TPS           | 1 | 500  | 5/27/2010  | N | SR |
| 2029           | March    | Private | WPCL            | WARDHA WARORA TPP      | 3 | 135  | 1/21/2011  | N | WR |
| 2029           | March    | State   | MAHAGENCO       | PARLI TPS              | 7 | 250  | 2/10/2010  | N | WR |
| 2029           | March    | State   | MPPGCL          | SANJAY GANDHI TPS      | 5 | 500  | 6/18/2007  | N | WR |
| 2029           | March    | Private | SEL             | STERLITE TPP           | 2 | 600  | 12/29/2010 | N | ER |
| 2029           | March    | Private | EPGL            | SALAYA TPP             | 2 | 600  | 6/13/2012  | N | WR |
| 2029           | March    | State   | MAHAGENCO       | BHUSAWAL TPS           | 4 | 500  | 3/7/2012   | N | WR |
| 2029           | March    | State   | WBPDCL          | BAKRESWAR TPS          | 4 | 210  | 3/21/2001  | N | ER |
| March Total    |          |         |                 |                        | 9 | 3545 |            |   |    |
| 2029           | July     | State   | HPGCL           | YAMUNA NAGAR TPS       | 2 | 300  | 3/29/2008  | N | NR |
| 2029           | July     | State   | APGENCO         | Dr. N.TATA RAO TPS     | 7 | 500  | 10/8/2009  | N | SR |
| 2029           | July     | Private | APL             | MUNDRA TPS             | 5 | 660  | 12/26/2010 | N | WR |
| 2029           | July     | Private | APL             | MUNDRA TPS             | 1 | 330  | 8/4/2009   | N | WR |
| 2029           | July     | State   | MAHAGENCO       | PARAS TPS              | 1 | 250  | 5/31/2007  | N | WR |
| 2029           | July     | Private | SEL             | STERLITE TPP           | 1 | 600  | 10/14/2010 | N | ER |
| 2029           | July     | Central | NTPC            | INDIRA GANDHI STPP     | 1 | 500  | 10/31/2010 | N | NR |
| 2029           | July     | State   | UPRVUNL         | HARDUAGANI TPS         | 9 | 250  | 5/25/2012  | N | NR |
| 2029           | July     | Private | TATA PCL        | JOJOBERA TPS           | 2 | 120  | 2/1/2001   | N | ER |
| July Total     |          |         |                 |                        | 9 | 3510 |            |   |    |
| 2029           | August   | State   | PSPCL           | GH TPS (LEH.MOH.)      | 3 | 250  | 1/3/2008   | N | NR |
| 2029           | August   | Private | JSWEL           | TORANGALLU TPS(SBU-II) | 2 | 300  | 8/24/2009  | N | SR |
| 2029           | August   | Private | APL             | MUNDRA TPS             | 4 | 330  | 12/20/2010 | N | WR |
| 2029           | August   | Central | NSPCL           | BHILAI TPS             | 2 | 250  | 7/12/2009  | N | WR |
| 2029           | August   | State   | CSPGCL          | DSPM TPS               | 1 | 250  | 3/30/2007  | N | WR |
| 2029           | August   | State   | KPCL            | BELLARY TPS            | 2 | 500  | 3/23/2012  | N | SR |
| 2029           | August   | Central | NTPC            | INDIRA GANDHI STPP     | 2 | 500  | 11/5/2011  | N | NR |
| 2029           | August   | Private | EPGL            | SALAYA TPP             | 1 | 600  | 2/22/2012  | N | WR |
| 2029           | August   | Central | DVC             | MEJIA TPS              | 7 | 500  | 9/30/2010  | N | ER |
| August Total   |          |         |                 |                        | 9 | 3480 |            |   |    |

|   |          |         |           |                        |            |              |            |   |    |
|---|----------|---------|-----------|------------------------|------------|--------------|------------|---|----|
| 2029  | November | State   | HPGCL     | YAMUNA NAGAR TPS       | 1          | 300          | 11/1/2007  | N | NR |
| 2029  | November | Private | JSWEL     | TORANGALLU TPS(SBU-II) | 1          | 300          | 4/23/2009  | N | SR |
| 2029  | November | Private | JSWEL     | JSW RATNAGIRI TPP      | 2          | 300          | 12/9/2010  | N | WR |
| 2029  | November | Private | LANCO     | PATIHADI TPP           | 1          | 300          | 6/4/2009   | N | WR |
| 2029  | November | State   | MAHAGENCO | PARLI TPS              | 6          | 250          | 2/16/2007  | N | WR |
| 2029  | November | State   | OPGC      | IB VALLEY TPS          | 4          | 660          | 7/2/2019   | Y | ER |
| 2029  | November | Private | JhPL(HR)  | MAHATMA GANDHI TPS     | 2          | 660          | 4/11/2012  | N | NR |
| 2029  | November | Central | NTPC      | DADRI (NCTPP)          | 5          | 490          | 1/25/2010  | N | NR |
| 2029  | November | State   | UPRVUNL   | PARICHHA TPS           | 5          | 250          | 5/24/2012  | N | NR |
| 2029  | November | Private | CESC      | BUDGE BUDGE TPS        | 3          | 250          | 9/29/2009  | N | ER |
| November Total                              |          |         |           |                        | 10         | 3760         |            |   |    |
| 2029  | December | State   | UPRVUNL   | PARICHHA TPS           | 4          | 210          | 12/28/2006 | N | NR |
| 2029  | December | State   | KPCL      | BELLARY TPS            | 1          | 500          | 12/3/2007  | N | SR |
| 2029  | December | Private | WPCL      | WARDHA WARORA TPP      | 2          | 135          | 10/10/2010 | N | WR |
| 2029  | December | Private | TATA PCL  | TROMBAY TPS            | 8          | 250          | 3/26/2009  | N | WR |
| 2029  | December | State   | MAHAGENCO | KHAPARKHEDA TPS        | 4          | 210          | 1/7/2001   | N | WR |
| 2029  | December | State   | OPGC      | IB VALLEY TPS          | 3          | 660          | 7/2/2019   | Y | ER |
| 2029  | December | Central | NTPC      | SIMHADRI               | 1          | 500          | 2/22/2002  | N | SR |
| 2029  | December | Private | VIP       | BUTIBORI TPP           | 2          | 300          | 8/17/2012  | N | WR |
| 2029  | December | State   | WBPDC     | SAGARDIGHI TPS         | 1          | 300          | 7/20/2008  | N | ER |
| December Total                              |          |         |           |                        | 9          | 3065         |            |   |    |
| <b>TOTAL UNITS AND CAPACITY (Phase III)</b> |          |         |           |                        | <b>101</b> | <b>37215</b> |            |   |    |

**V. PHASE-IV**

**Duration: January, 2030 to December, 2030**

Under this phase, the following 191 Nos. of units of capacity 55767 MW in aggregate of various thermal power plants have been planned and identified for the upgradation/retrofitting for flexible operation including the study and field tests. This phase to be completed within a period of 12 months i.e. from January, 2030 to December, 2030.

In case the utilities comprehend that 40% operation of units having age more than 40 years under this phase is not viable/possible, the utilities may opt for 2-shift operation by suitable retrofits/study/tests. However the duration for the retrofits including the study/test of this phase shall be the same.

| PHASE IV (JAN,2030 - DEC,2030) |         |         |              |                 |          |               |                       |          |                      |        |
|--------------------------------|---------|---------|--------------|-----------------|----------|---------------|-----------------------|----------|----------------------|--------|
| Year                           | Month   | Sector  | Organisation | Name of Project | Unit No. | Capacity (MW) | Date of Commissioning | Pit head | Age as on 31.12.2029 | Region |
| 2030                           | January | State   | UPRVUNL      | ANPARA TPS      | 7        | 500           | 3/6/2016              | Y        | 13.8                 | NR     |
| 2030                           | January | Central | NTPC         | RIHAND STPS     | 3        | 500           | 1/31/2005             | Y        | 24.9                 | NR     |
| 2030                           | January | State   | PSPCL        | ROPAR TPS       | 6        | 210           | 3/30/1993             | N        | 36.8                 | NR     |
| 2030                           | January | State   | RRVUNL       | KOTA TPS        | 4        | 210           | 5/1/1989              | N        | 40.7                 | NR     |
| 2030                           | January | State   | PSPCL        | ROPAR TPS       | 3        | 210           | 3/31/1988             | N        | 41.8                 | NR     |
| 2030                           | January | Central | NTPC         | SINGRAULI STPS  | 5        | 200           | 2/26/1984             | Y        | 45.9                 | NR     |
| 2030                           | January | Central | NTPC         | SINGRAULI STPS  | 1        | 200           | 2/14/1982             | Y        | 47.9                 | NR     |
| 2030                           | January | Central | NTPC         | FARAKKA STPS    | 6        | 500           | 3/7/2011              | Y        | 18.8                 | ER     |
| 2030                           | January | Central | NTPC         | TALCHER STPS    | 3        | 500           | 2/21/2003             | Y        | 26.9                 | ER     |
| 2030                           | January | State   | OPGC         | IB VALLEY TPS   | 1        | 210           | 6/2/1994              | Y        | 35.6                 | ER     |
| 2030                           | January | State   | WBPDC        | KOLAGHAT TPS    | 6        | 210           | 3/17/1991             | N        | 38.8                 | ER     |
| 2030                           | January | Central | NTPC         | BARAUNI TPS     | 6        | 105           | 5/1/1983              | N        | 46.7                 | ER     |



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|               |          |         |                         |                                     |    |      |            |   |      |    |
|---------------|----------|---------|-------------------------|-------------------------------------|----|------|------------|---|------|----|
|               |          |         |                         |                                     | 7  | 500  | 9/26/2004  | Y | 25.3 | SR |
| 2030          | January  | Central | NTPC                    | RAMAGUNDE<br>M STPS                 | 2  | 210  | 3/27/1995  | N | 34.8 | SR |
| 2030          | January  | State   | TANGEDCO                | NORTH<br>CHENNAI TPS                | 7  | 210  | 6/19/1993  | Y | 36.6 | SR |
| 2030          | January  | Central | NEYVELI<br>LIGNITE      | NEYVELI<br>TPS-II                   | 4  | 210  | 8/23/1990  | N | 39.4 | SR |
| 2030          | January  | State   | APGENCO                 | Dr. N.TATA<br>RAO TPS               | 1  | 210  | 1/17/1988  | Y | 42.0 | SR |
| 2030          | January  | Central | NEYVELI<br>LIGNITE      | NEYVELI<br>TPS-II                   | 3  | 200  | 12/13/1984 | Y | 45.1 | SR |
| 2030          | January  | Central | NTPC                    | RAMAGUNDE<br>M STPS                 | 1  | 210  | 7/9/1979   | N | 50.5 | SR |
| 2030          | January  | State   | TANGEDCO                | Thoothukudi<br>TPS                  | 13 | 500  | 8/6/2015   | Y | 14.4 | WR |
| 2030          | January  | Central | NTPC                    | VINDHYACHA<br>L STPS                | 12 | 500  | 3/22/2013  | Y | 16.8 | WR |
| 2030          | January  | Central | NTPC                    | VINDHYACHA<br>L STPS                | 5  | 500  | 8/13/2008  | Y | 21.4 | WR |
| 2030          | January  | Central | NTPC                    | SIPAT STPS                          | 3  | 210  | 2/28/1999  | N | 30.9 | WR |
| 2030          | January  | State   | MPPGCL                  | SANJAY<br>GANDHI TPS                | 1  | 210  | 3/26/1993  | N | 36.8 | WR |
| 2030          | January  | State   | MPPGCL                  | SANJAY<br>GANDHI TPS                | 2  | 210  | 1/8/1990   | N | 40.0 | WR |
| 2030          | January  | State   | MAHAGENCO               | KHAPARKHED<br>A TPS                 | 5  | 500  | 3/25/1988  | Y | 41.8 | WR |
| 2030          | January  | Central | NTPC                    | KORBA STPS                          | 4  | 210  | 3/8/1986   | N | 43.8 | WR |
| 2030          | January  | State   | MAHAGENCO               | CHANDRAPUR<br>(MAHARASHTRA)<br>STPS | 3  | 210  | 3/15/1984  | N | 45.8 | WR |
| 2030          | January  | State   | GSECL                   | WANAKBORI<br>TPS                    | 6  | 210  | 3/30/1982  | N | 47.8 | WR |
| 2030          | January  | State   | MAHAGENCO               | KORADI TPS                          | 1  | 120  | 10/12/1978 | N | 51.3 | WR |
| 2030          | January  | Private | TOR. POW.<br>(UNOSUGEN) | SABARMATI<br>(D-F<br>STATIONS)      |    |      |            |   |      |    |
| January Total |          |         |                         |                                     | 30 | 8685 |            |   |      |    |
| 2030          | February | State   | UPRVUNL                 | ANPARA TPS                          | 6  | 500  | 6/8/2015   | Y | 14.6 | NR |
| 2030          | February | State   | PSPCL                   | GH TPS<br>(LEH.MOHL.)               | 2  | 210  | 10/16/1998 | N | 31.2 | NR |
| 2030          | February | State   | PSPCL                   | GH TPS<br>(LEH.MOHL.)               | 3  | 210  | 3/23/1993  | N | 36.8 | NR |
| 2030          | February | Central | NTPC                    | DADRI<br>(NCTPP)                    | 2  | 210  | 3/22/1989  | N | 40.8 | NR |
| 2030          | February | Central | NTPC                    | UNCHAHAHAR<br>TPS                   | 1  | 110  | 3/21/1988  | N | 41.8 | NR |
| 2030          | February | Central | NTPC                    | TANDA TPS                           | 4  | 200  | 11/2/1983  | Y | 46.2 | NR |
| 2030          | February | Central | NTPC                    | SINGRAULI<br>STPS                   | 12 | 200  | 3/28/1981  | N | 48.8 | NR |
| 2030          | February | State   | UPRVUNL                 | OBRA TPS                            | 7  | 500  | 7/31/2009  | Y | 20.4 | ER |
| 2030          | February | Central | NTPC                    | KAHALGAON<br>TPS                    | 2  | 250  | 3/6/1999   | N | 30.8 | ER |
| 2030          | February | Private | CESC                    | BUDGE<br>BUDGE TPS                  | 1  | 210  | 4/14/1994  | N | 35.7 | ER |
| 2030          | February | State   | TVNL                    | TENUGHAT<br>TPS                     | 3  | 200  | 8/6/1987   | Y | 42.4 | ER |
| 2030          | February | Central | NTPC                    | FARAKKA<br>STPS                     | 6  | 210  | 7/22/1999  | N | 30.5 | SR |
| 2030          | February | State   | KPCL                    | RAICHUR TPS                         | 2  | 210  | 2/25/1995  | N | 34.9 | SR |
| 2030          | February | State   | APGENCO                 | RAYALASEEM<br>A TPS                 | 6  | 210  | 10/30/1992 | Y | 37.2 | SR |
| 2030          | February | Central | NEYVELI<br>LIGNITE      | NEYVELI<br>TPS-II                   |    |      |            |   |      |    |

|                |          |         |                    |                                      |    |      |            |   |      |    |
|----------------|----------|---------|--------------------|--------------------------------------|----|------|------------|---|------|----|
| 2030           | February | State   | TANGEDCO           | METTUR TPS                           | 4  | 210  | 3/27/1990  | N | 39.8 | SR |
| 2030           | February | State   | TANGEDCO           | METTUR TPS                           | 2  | 210  | 12/1/1987  | N | 42.1 | SR |
| 2030           | February | Central | NTPC               | RAMAGUNDE<br>M STPS                  | 2  | 200  | 5/29/1984  | Y | 45.6 | SR |
| 2030           | February | Private | SPL                | SASAN UMTTP                          | 6  | 660  | 3/19/2015  | Y | 14.8 | WR |
| 2030           | February | State   | CSPGCL             | KORBA-WEST<br>TPS                    | 5  | 500  | 3/22/2013  | Y | 16.8 | WR |
| 2030           | February | State   | MPPGCL             | AMARKANTA<br>K EXT TPS               | 3  | 210  | 6/15/2008  | Y | 21.6 | WR |
| 2030           | February | State   | GSECL              | WANAKBORI<br>TPS                     | 7  | 210  | 12/31/1998 | N | 31.0 | WR |
| 2030           | February | State   | MAHAGENCO          | CHANDRAPUR<br>(MAHARASHI<br>RA) STPS | 6  | 500  | 3/11/1992  | N | 37.8 | WR |
| 2030           | February | Central | NTPC               | VINDHYACHA<br>L STPS                 | 4  | 210  | 12/26/1989 | Y | 40.0 | WR |
| 2030           | February | State   | GSECL              | WANAKBORI<br>TPS                     | 6  | 210  | 11/18/1987 | N | 42.1 | WR |
| 2030           | February | State   | MAHAGENCO          | CHANDRAPUR<br>(MAHARASHI<br>RA) STPS | 3  | 210  | 5/3/1985   | N | 44.7 | WR |
| 2030           | February | Private | TATA PCL           | TROMBAY TPS                          | 5  | 500  | 1/25/1984  | N | 46.0 | WR |
| 2030           | February | State   | GSECL              | WANAKBORI<br>TPS                     | 1  | 210  | 3/23/1982  | N | 47.8 | WR |
| February Total |          |         |                    |                                      | 27 | 7470 |            |   |      |    |
| 2030           | March    | Central | NTPC               | RIHAND STPS                          | 6  | 500  | 10/17/2013 | Y | 16.2 | NR |
| 2030           | March    | Central | NTPC               | TANDA TPS                            | 4  | 110  | 2/20/1998  | N | 31.9 | NR |
| 2030           | March    | Central | NTPC               | DADRI<br>(NCTPP)                     | 2  | 210  | 12/18/1992 | N | 37.1 | NR |
| 2030           | March    | Central | NTPC               | TANDA TPS                            | 2  | 110  | 3/11/1989  | N | 40.8 | NR |
| 2030           | March    | State   | UPRVUNL            | ANPARA TPS                           | 3  | 210  | 3/12/1988  | Y | 41.8 | NR |
| 2030           | March    | State   | RRVUNL             | KOTA TPS                             | 2  | 110  | 7/13/1983  | N | 46.5 | NR |
| 2030           | March    | State   | UPRVUNL            | OBRA TPS                             | 9  | 200  | 1/26/1980  | N | 50.0 | NR |
| 2030           | March    | Central | NTPC               | KAHALGAON<br>TPS                     | 6  | 500  | 3/16/2008  | Y | 21.8 | ER |
| 2030           | March    | Private | CESC               | BUDGE<br>BUDGE TPS                   | 1  | 250  | 9/16/1997  | N | 32.3 | ER |
| 2030           | March    | Central | NTPC               | KAHALGAON<br>TPS                     | 2  | 210  | 3/17/1994  | Y | 35.8 | ER |
| 2030           | March    | Central | NTPC               | FARAKKA<br>STPS                      | 2  | 200  | 12/24/1986 | Y | 43.0 | ER |
| 2030           | March    | Private | JSWEL              | TORANGALLU<br>TPS(SBU-I)             | 2  | 130  | 5/16/1999  | N | 30.6 | SR |
| 2030           | March    | State   | APGENCO            | Dr. N.TATA<br>RAO TPS                | 6  | 210  | 2/24/1995  | N | 34.9 | SR |
| 2030           | March    | State   | TANGEDCO           | Thoothukudi<br>TPS                   | 4  | 210  | 2/11/1992  | N | 37.9 | SR |
| 2030           | March    | Central | NTPC               | RAMAGUNDE<br>M STPS                  | 6  | 500  | 10/16/1989 | Y | 40.2 | SR |
| 2030           | March    | Central | NEYVELI<br>LIGNITE | NEYVELI<br>TPS-II                    | 3  | 210  | 3/29/1987  | Y | 42.8 | SR |
| 2030           | March    | Central | NTPC               | RAMAGUNDE<br>M STPS                  | 1  | 200  | 10/27/1983 | Y | 46.2 | SR |
| 2030           | March    | Private | SPL                | SASAN UMTTP                          | 5  | 660  | 8/24/2014  | Y | 15.4 | WR |
| 2030           | March    | Central | NTPC               | VINDHYACHA<br>L STPS                 | 11 | 500  | 6/14/2012  | Y | 17.6 | WR |
| 2030           | March    | Central | NTPC               | SIPAT STPS                           | 4  | 500  | 5/27/2007  | Y | 22.6 | WR |

|             |       |         |                 |                               |    |      |            |   |      |    |
|-------------|-------|---------|-----------------|-------------------------------|----|------|------------|---|------|----|
| 2030        | March | State   | GSECL           | GANDHI NAGAR TPS              | 5  | 210  | 3/17/1998  | N | 31.8 | WR |
| 2030        | March | State   | GSECL           | GANDHI NAGAR TPS              | 4  | 210  | 7/20/1991  | N | 38.5 | WR |
| 2030        | March | State   | MAHAGENCO       | KHAPARKHED A TPS              | 1  | 210  | 3/26/1989  | N | 40.8 | WR |
| 2030        | March | Central | NTPC            | VINDHYACHAL STPS              | 1  | 210  | 10/10/1987 | Y | 42.3 | WR |
| 2030        | March | State   | CSPGCL          | KORBA-WEST TPS                | 3  | 210  | 3/26/1985  | Y | 44.8 | WR |
| 2030        | March | Central | NTPC            | KORBA STPS                    | 2  | 200  | 10/31/1983 | Y | 46.2 | WR |
| 2030        | March | State   | MAHAGENCO       | NASIK TPS                     | 5  | 210  | 1/30/1981  | N | 49.0 | WR |
| March Total |       |         |                 |                               | 27 | 7190 |            |   |      |    |
| 2030        | July  | Central | NTPC            | RIHAND STPS                   | 5  | 500  | 5/25/2012  | Y | 17.6 | NR |
| 2030        | July  | State   | PSPCL           | GH TPS (LEH.MOH.)             | 1  | 210  | 12/29/1997 | N | 32.0 | NR |
| 2030        | July  | State   | PSPCL           | ROPAR TPS                     | 5  | 210  | 3/29/1992  | N | 37.8 | NR |
| 2030        | July  | State   | PSPCL           | ROPAR TPS                     | 4  | 210  | 1/29/1989  | N | 40.9 | NR |
| 2030        | July  | Central | NTPC            | SINGRAULI STPS                | 7  | 500  | 11/24/1987 | Y | 42.1 | NR |
| 2030        | July  | Central | NTPC            | SINGRAULI STPS                | 3  | 200  | 3/28/1983  | Y | 46.8 | NR |
| 2030        | July  | State   | UPRVUNL         | OBRA TPS                      | 10 | 200  | 1/14/1979  | N | 51.0 | NR |
| 2030        | July  | Central | NTPC            | KAHALGAON TPS                 | 5  | 500  | 3/31/2007  | Y | 22.8 | ER |
| 2030        | July  | State   | TVNL            | TENUGHAT TPS                  | 2  | 210  | 10/10/1996 | N | 33.2 | ER |
| 2030        | July  | Central | NTPC            | FARAKKA STPS                  | 5  | 500  | 2/16/1994  | Y | 35.9 | ER |
| 2030        | July  | Central | NTPC            | FARAKKA STPS                  | 1  | 200  | 1/1/1986   | Y | 44.0 | ER |
| 2030        | July  | State   | KPCL            | RAICHUR TPS                   | 5  | 210  | 1/31/1999  | N | 30.9 | SR |
| 2030        | July  | State   | TANGEDCO        | NORTH CHENNAI TPS             | 1  | 210  | 10/25/1994 | N | 35.2 | SR |
| 2030        | July  | Central | NEYVELI LIGNITE | NEYVELI TPS-II                | 5  | 210  | 12/31/1991 | Y | 38.0 | SR |
| 2030        | July  | State   | APGENCO         | Dr. N.TATA RAO TPS            | 3  | 210  | 10/5/1989  | N | 40.3 | SR |
| 2030        | July  | Central | NEYVELI LIGNITE | NEYVELI TPS-II                | 2  | 210  | 2/6/1987   | Y | 42.9 | SR |
| 2030        | July  | State   | TANGEDCO        | Thoothukudi TPS               | 3  | 210  | 4/16/1982  | N | 47.7 | SR |
| 2030        | July  | Private | SPL             | SASAN UMTTP                   | 3  | 660  | 5/21/2014  | Y | 15.6 | WR |
| 2030        | July  | Central | NTPC            | SIPAT STPS                    | 3  | 660  | 6/2/2012   | Y | 17.6 | WR |
| 2030        | July  | Central | NTPC            | VINDHYACHAL STPS              | 10 | 500  | 3/8/2007   | Y | 22.8 | WR |
| 2030        | July  | State   | MAHAGENCO       | CHANDRAPUR (MAHARASHTRA) STPS | 7  | 500  | 10/1/1997  | N | 32.3 | WR |
| 2030        | July  | State   | MAHAGENCO       | CHANDRAPUR (MAHARASHTRA) STPS | 5  | 500  | 3/22/1991  | N | 38.8 | WR |
| 2030        | July  | Central | NTPC            | KORBA STPS                    | 6  | 500  | 2/26/1989  | Y | 40.9 | WR |
| 2030        | July  | Central | NTPC            | KORBA STPS                    | 4  | 500  | 5/31/1987  | Y | 42.6 | WR |
| 2030        | July  | State   | GSECL           | UKAI TPS                      | 5  | 210  | 1/30/1985  | N | 44.9 | WR |
| 2030        | July  | State   | CSPGCL          | KORBA-WEST TPS                | 2  | 210  | 6/21/1983  | Y | 46.6 | WR |

|              |          |         |                      |                          |    |      |            |   |      |    |
|--------------|----------|---------|----------------------|--------------------------|----|------|------------|---|------|----|
| 2030         | July     | State   | MAHAGENCO            | NASIK TPS                | 4  | 210  | 7/10/1980  | N | 49.5 | WR |
| July Total   |          |         |                      |                          | 27 | 9150 |            |   |      |    |
| 2030         | August   | Private | LAPPL                | ANPARA C TPS             | 2  | 600  | 11/15/2011 | Y | 18.1 | NR |
| 2030         | August   | State   | UPRVUNL              | ANPARA TPS               | 5  | 500  | 7/1/1994   | Y | 35.5 | NR |
| 2030         | August   | Central | NTPC                 | DADRI (NCTPP)            | 1  | 210  | 12/21/1991 | N | 38.1 | NR |
| 2030         | August   | Central | NTPC                 | UNCHAHAR TPS             | 1  | 210  | 11/21/1988 | N | 41.1 | NR |
| 2030         | August   | State   | UPRVUNL              | ANPARA TPS               | 2  | 210  | 2/28/1987  | Y | 42.9 | NR |
| 2030         | August   | State   | RRVUNL               | KOTA TPS                 | 1  | 110  | 1/17/1983  | N | 47.0 | NR |
| 2030         | August   | State   | UPRVUNL              | HARDUAGANJ TPS           | 7  | 105  | 3/31/1978  | N | 51.8 | NR |
| 2030         | August   | Central | NTPC                 | TALCHER STPS             | 6  | 500  | 2/6/2005   | Y | 24.9 | ER |
| 2030         | August   | Central | NTPC                 | KAHALGAON TPS            | 4  | 210  | 3/18/1996  | Y | 33.8 | ER |
| 2030         | August   | State   | WPDC                 | KOLAGHAT TPS             | 5  | 210  | 12/28/1993 | N | 36.0 | ER |
| 2030         | August   | State   | WPDC                 | KOLAGHAT TPS             | 3  | 210  | 12/16/1985 | N | 44.1 | ER |
| 2030         | August   | Private | JSWEL                | TORANGALLU TPS(SBU-1)    | 1  | 130  | 1/15/1999  | N | 31.0 | SR |
| 2030         | August   | State   | KPCL                 | RAICHUR TPS              | 4  | 210  | 9/29/1994  | N | 35.3 | SR |
| 2030         | August   | State   | TANGEDCO             | Thoothukudi TPS          | 5  | 210  | 3/31/1991  | N | 38.8 | SR |
| 2030         | August   | Central | NTPC                 | RAMAGUNDE M STPS         | 5  | 500  | 3/26/1989  | Y | 40.8 | SR |
| 2030         | August   | State   | TANGEDCO             | METTUR TPS               | 1  | 210  | 1/4/1987   | N | 43.0 | SR |
| 2030         | August   | State   | TANGEDCO             | Thoothukudi TPS          | 2  | 210  | 12/17/1980 | N | 49.1 | SR |
| 2030         | August   | Private | SPL                  | SASAN UMTTP              | 4  | 660  | 3/25/2014  | Y | 15.8 | WR |
| 2030         | August   | Central | NTPC                 | SIPAT STPS               | 2  | 660  | 12/24/2011 | Y | 18.0 | WR |
| 2030         | August   | Central | NTPC                 | VINDHYACHAL STPS         | 9  | 500  | 7/27/2006  | Y | 23.4 | WR |
| 2030         | August   | Private | APL                  | DAHANU TPS               | 2  | 250  | 3/29/1995  | N | 34.8 | WR |
| 2030         | August   | Central | NTPC                 | VINDHYACHAL STPS         | 6  | 210  | 2/1/1991   | Y | 38.9 | WR |
| 2030         | August   | Central | NTPC                 | VINDHYACHAL STPS         | 3  | 210  | 2/3/1989   | Y | 40.9 | WR |
| 2030         | August   | State   | GSECL                | WANAKBORI TPS            | 5  | 210  | 9/23/1986  | N | 43.3 | WR |
| 2030         | August   | Private | TOR. POW. (UNOSUGEN) | SABARMATI (D-F STATIONS) | 2  | 121  | 12/31/1984 | N | 45.0 | WR |
| 2030         | August   | Central | NTPC                 | KORBA STPS               | 1  | 200  | 2/28/1983  | Y | 46.9 | WR |
| 2030         | August   | State   | MAHAGENCO            | NASIK TPS                | 3  | 210  | 4/26/1979  | N | 50.7 | WR |
| August Total |          |         |                      |                          | 27 | 7776 |            |   |      |    |
| 2030         | November | Private | LAPPL                | ANPARA C TPS             | 1  | 600  | 11/12/2011 | Y | 18.1 | NR |
| 2030         | November | Central | NTPC                 | DADRI (NCTPP)            | 4  | 210  | 3/24/1994  | N | 35.8 | NR |
| 2030         | November | Central | NTPC                 | TANDA TPS                | 3  | 110  | 3/28/1990  | N | 39.8 | NR |
| 2030         | November | State   | RRVUNL               | KOTA TPS                 | 3  | 210  | 9/25/1988  | N | 41.3 | NR |
| 2030         | November | Central | NTPC                 | SINGRAULI STPS           | 6  | 500  | 12/23/1986 | Y | 43.1 | NR |

|                |          |         |                      |                          |    |      |            |   |      |    |
|----------------|----------|---------|----------------------|--------------------------|----|------|------------|---|------|----|
| 2030           | November | Central | NTPC                 | SINGRAULI STPS           | 2  | 200  | 11/25/1982 | Y | 47.1 | NR |
| 2030           | November | State   | UPRVUNL              | OBRA TPS                 | 11 | 200  | 12/31/1977 | N | 52.0 | NR |
| 2030           | November | Central | NTPC                 | TALCHER STPS             | 5  | 500  | 5/13/2004  | Y | 25.7 | ER |
| 2030           | November | State   | OPGC                 | IB VALLEY TPS            | 2  | 210  | 10/22/1995 | Y | 34.2 | ER |
| 2030           | November | Central | NTPC                 | FARAKKA STPS             | 4  | 500  | 9/25/1992  | Y | 37.3 | ER |
| 2030           | November | Central | NTPC                 | BARAUNI TPS              | 7  | 105  | 3/31/1985  | N | 44.8 | ER |
| 2030           | November | State   | TSGENCO              | KOTHAGUDE M TPS (NEW)    | 10 | 250  | 2/28/1998  | N | 31.9 | SR |
| 2030           | November | State   | APGENCO              | Dr. N.TATA RAO TPS       | 5  | 210  | 3/31/1994  | N | 35.8 | SR |
| 2030           | November | Central | NEYVELI LIGNITE      | NEYVELI TPS-II           | 4  | 210  | 3/30/1991  | Y | 38.8 | SR |
| 2030           | November | State   | TANGEDCO             | METTUR TPS               | 3  | 210  | 3/22/1989  | N | 40.8 | SR |
| 2030           | November | State   | KPCL                 | RAICHUR TPS              | 2  | 210  | 3/2/1986   | N | 43.9 | SR |
| 2030           | November | State   | APGENCO              | Dr. N.TATA RAO TPS       | 2  | 210  | 10/10/1980 | N | 49.3 | SR |
| 2030           | November | Private | SPL                  | SASAN UMTPP              | 2  | 660  | 12/18/2013 | Y | 16.0 | WR |
| 2030           | November | Central | NTPC                 | SIPAT STPS               | 1  | 660  | 6/27/2011  | Y | 18.5 | WR |
| 2030           | November | State   | MAHAGENCO            | KHAPARKHED A TPS         | 3  | 210  | 5/31/2000  | N | 29.6 | WR |
| 2030           | November | Private | APL                  | DAHANU TPS               | 1  | 250  | 1/6/1995   | N | 35.0 | WR |
| 2030           | November | Central | NTPC                 | VINDHYACHAL STPS         | 5  | 210  | 3/31/1990  | Y | 39.8 | WR |
| 2030           | November | Private | TOR. POW. (UNOSUGEN) | SABARMATI (D-F STATIONS) | 3  | 121  | 9/28/1988  | N | 41.3 | WR |
| 2030           | November | State   | CSPGCL               | KORBA-WEST TPS           | 4  | 210  | 3/13/1986  | Y | 43.8 | WR |
| 2030           | November | State   | CSPGCL               | KORBA-WEST TPS           | 1  | 210  | 3/30/1984  | Y | 45.8 | WR |
| 2030           | November | State   | GSECL                | WANAKBORI TPS            | 2  | 210  | 1/15/1983  | N | 47.0 | WR |
| 2030           | November | State   | GSECL                | UKAI TPS                 | 4  | 200  | 3/28/1979  | N | 50.8 | WR |
| November Total |          |         |                      |                          | 27 | 7586 |            |   |      |    |
| 2030           | December | Central | NTPC                 | RIHAND STPS              | 4  | 500  | 9/24/2005  | Y | 24.3 | NR |
| 2030           | December | State   | UPRVUNL              | ANPARA TPS               | 4  | 500  | 7/19/1993  | Y | 36.5 | NR |
| 2030           | December | Central | NTPC                 | RIHAND STPS              | 2  | 500  | 7/5/1989   | Y | 40.5 | NR |
| 2030           | December | Central | NTPC                 | RIHAND STPS              | 1  | 500  | 3/31/1988  | Y | 41.8 | NR |
| 2030           | December | State   | UPRVUNL              | ANPARA TPS               | 1  | 210  | 3/24/1986  | Y | 43.8 | NR |
| 2030           | December | State   | UPRVUNL              | OBRA TPS                 | 13 | 200  | 7/21/1982  | N | 47.5 | NR |
| 2030           | December | Central | NTPC                 | TALCHER STPS             | 4  | 500  | 10/25/2003 | Y | 26.2 | ER |
| 2030           | December | Central | NTPC                 | KAHALGAON TPS            | 3  | 210  | 3/24/1995  | Y | 34.8 | ER |
| 2030           | December | Central | NTPC                 | KAHALGAON TPS            | 1  | 210  | 3/31/1992  | Y | 37.8 | ER |
| 2030           | December | State   | WBPDC                | KOLAGHAT                 | 4  | 210  | 1/24/1984  | N | 46.0 | ER |

|                                     |          |         |           | TPS                    |     |       |            |   |      |    |  |
|-------------------------------------|----------|---------|-----------|------------------------|-----|-------|------------|---|------|----|--|
| 2030                                | December | State   | TANGEDCO  | NORTH<br>CHENNAI TPS   | 3   | 210   | 2/24/1996  | N | 33.9 | SR |  |
| 2030                                | December | State   | APGENCO   | RAYALASEEM<br>A TPS    | 1   | 210   | 3/31/1994  | N | 35.8 | SR |  |
| 2030                                | December | State   | KPCL      | RAICHUR TPS            | 3   | 210   | 3/30/1991  | N | 38.8 | SR |  |
| 2030                                | December | Central | NTPC      | RAMAGUNDE<br>M STPS    | 4   | 500   | 6/26/1988  | Y | 41.5 | SR |  |
| 2030                                | December | State   | KPCL      | RAICHUR TPS            | 1   | 210   | 3/29/1985  | N | 44.8 | SR |  |
| 2030                                | December | State   | APGENCO   | Dr. N.TATA.<br>RAO TPS | 1   | 210   | 11/1/1979  | N | 50.2 | SR |  |
| 2030                                | December | Private | SPL       | SASAN UMTTP            | 1   | 660   | 5/30/2013  | Y | 16.6 | WR |  |
| 2030                                | December | Central | NTPC      | KORBA STPS             | 7   | 500   | 11/25/2010 | Y | 19.1 | WR |  |
| 2030                                | December | State   | MPPGCL    | SANJAY<br>GANDHI TPS   | 4   | 210   | 11/23/1999 | N | 30.1 | WR |  |
| 2030                                | December | State   | MPPGCL    | SANJAY<br>GANDHI TPS   | 2   | 210   | 3/27/1994  | N | 35.8 | WR |  |
| 2030                                | December | State   | GSECL     | GANDHI<br>NAGAR TPS    | 3   | 210   | 3/20/1990  | N | 39.8 | WR |  |
| 2030                                | December | Central | NTPC      | VINDHYACHA<br>L STPS   | 2   | 210   | 7/23/1988  | Y | 41.5 | WR |  |
| 2030                                | December | State   | GSECL     | WANAKBORI<br>TPS       | 4   | 210   | 3/9/1986   | N | 43.8 | WR |  |
| 2030                                | December | Central | NTPC      | KORBA STPS             | 3   | 200   | 3/17/1984  | Y | 45.8 | WR |  |
| 2030                                | December | State   | MAHAGENCO | BHUSAWAL<br>TPS        | 3   | 210   | 9/18/1982  | N | 47.3 | WR |  |
| 2030                                | December | State   | GSECL     | UKAI TPS               | 3   | 200   | 1/21/1979  | N | 51.0 | WR |  |
| December Total                      |          |         |           |                        | 26  | 7910  |            |   |      |    |  |
| TOTAL UNITS AND CAPACITY (Phase IV) |          |         |           |                        | 191 | 55767 |            |   |      |    |  |

RAKESH KUMAR, Secy.

[ADVT.-III/4/Exty./617/2023-24]



O/o. Chief of O&M STPP  
I.W.No. 661  
Date 14/02/2023

STPP-3

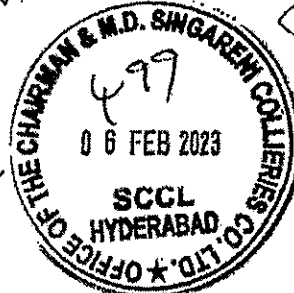
O/o. CTC, STPP  
I/W 1028  
Date 10.02.23

BHEL 218  
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पुलक मुखोपाध्याय  
प्रमुख सलाहकार एवं पूर्व कार्यपालक निदेशक  
पावर सेक्टर - तकनीकी सेवाएं

भारत हेवी इलेक्ट्रिकल्स लिमिटेड  
BHARAT HEAVY ELECTRICALS LIMITED

PULAK MUKHOPADHYAY  
LEAD CONSULTANT & EX- EXECUTIVE DIRECTOR  
POWER SECTOR - TECHNICAL SERVICES  
M: 9903316572



BHEL: Flexible: QUERY:01  
Date: 05.02.2023

Dear Sir,

Please find enclosed the latest regulation issued by CEA, No: CG-DL-E-31012023-243299, Part-III-Section 4, Dated 30.01.2023, on the issue of implementation of flexible operation by all power stations.

It had been mentioned under clause 6, that all operating units must be capable of achieving

- (a) MPL between 100 % to 70% load with minimum ramp rate of 3% , mentioned under clause 7 (1).
- (b) MPL between 70% to 55% load with minimum ramp rate of 2 % mentioned under clause 7 (1). and
- (c) minimum load level of 40% to 55% load with ramp rate of 1% mentioned under clause 7 (2).

The first two stages i.e.(a) and (b) mentioned under clause 7(1) is to be completed within one year of the notification i.e. 30.01.2024.

It had also been mentioned that , Units, which are not able to meet the requirement due to any technical reason , relaxation may be sought separately under clause 8.

Please find enclosed the letter dated 22.06.2021 and 22.06.2021 issued by CEA , where in it had been asked to start the action plan under discussion with respective OEM.

BHEL, being the OEM of major power generating equipment across India , and only major company having vast experience in both possible major affected components due to flexible operation , like **Boiler and Turbine** area , while Manufacturing , Supply , Erection & Commissioning and Service after sales .

Owning the responsibility of being the major OEM of Power equipment In India , we started our journey eight years back on this subject matter.

At this juncture, we take the opportunity to inform you that , BHEL had successfully demonstrated 3% load ramp rate ( Ramp Up and Ramp Down) , during Supply, testing and implementation of an **Indigenous solution** for "Flexible operation" at one of the leading Power station in India , while keeping all operational parameters in range so the possible health hazards encountered by the machine can be minimised. This product had been 100% manufactured in India by BHEL and few more orders are under execution.

तृतीय तल, कृभको भवन, ए-8-10, सेक्टर-1, नोएडा-201301  
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डी.जे. - 9/1, सेक्टर - 2, करुणामयी, सॉल्टलेक सिटी, कोलकता - 700091  
DJ-9/1, Sector-2, Karunamoyee, Salt Lake City, Kolkata - 700091

दूरभाष: (का.) (033) 23398113, 23211684  
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बीएचईएल कॉर्पोरेट पहचान सं. सीआईएन) / BHEL Corporate Identity Number (CIN) : L74899DL1964GOI004281

CTC  
For n/a pt  
Dir  
8/2/23  
Director (E&M)

O/o Dir. (E&M)  
I.W.No. -  
Dt. 10/02/2023

copy was given to SH-202



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We feel proud for being India's largest engineering and **CLASS-I** manufacturing enterprise in energy and infrastructure sectors, to be associated with the zeal of "Make In India" by GOI to aim for "Atma Nirbhar Bharat" thru such continual contributions. Support for such effort is also been engorged by GOI through their Public Procurement (Preference to Make in India) Order, dated 15.06.2017 (Copy attached) and its subsequent revisions.

Since, the implementation time from the date of ordering (for Phase-I mentioned under clause 7(1)) will be around 06-07 months, being the **OEM** of your machines, Sir, we look forward for your earliest initiation of actions & order so implementation can be achieved within the target date set by CEA (i.e **30.01.2024**).

Looking at the urgent need by GOI, we can suggest that at this moment implementation for the Phase-I, as mentioned Clause 7(1), can be started **immediately** to fulfil the target date set by CEA (i.e **30.01.2024**). A target level of MPL of 40%-45% will also be attempted with 1% ramp rate without any major mechanical modifications.

However based on the outcome of final tests of the Phase-I, in case of any mechanical difficulties, modification can be suggested accordingly for Phase-II, mentioned under clause 7(2), for continuous operation of MPL to 40% with 1% ramp rate.

Being the OEM of **Singareni machines (2X600MW)** owned by you, we cherish our long relationship with your esteem organisation and look forward to do so in future too.

For any technical communication in this regard you are requested to be in touch with undersigned on my mobile no **9903316572** or email id : [pulakbhel@gmail.com](mailto:pulakbhel@gmail.com) / [sh.pulak@bhel.in](mailto:sh.pulak@bhel.in) or to our team at SSBG/Noida.

As you being our prime customer, we look forward to firm up more business relationship with your able team thru implementation of flexible operation at your power station..

Thanking You

With Kind Regards

Yours faithfully

(Pulak Mukhopadhyay)

To : Director (Operations), FAC Director (PA&W), The Singareni Collieries Company Limited,  
CC: Chief (O&M) / Singareni Plant (SCCL)  
Chief Technical Officer / Singareni Plant (SCCL)

Hon'ble. The Chairman / Cum Managing Director (SCCL)

तृतीय तल, कृभको भवन, ए-8-10, सेक्टर-1, नोएडा-201301  
3<sup>rd</sup> Floor Kribhco Bhawan, A-8-10, Sector-1, Noida-201301  
डी.जे. - 9/1, सेक्टर - 2, करुणामयी, सोल्टलेक सिटी, कोलकाता - 700091  
DJ-9/1, Sector-2, Karunamoyee, Salt Lake City, Kolkata - 700091  
बीएचईएल कॉर्पोरेट पहचान सं. सीआईएन) / BHEL Corporate Identity Number (CIN) : L74899DL1964GOI004281

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Tel.: (O) (033) 23398113, 23211684  
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वेब / Web : [www.bhel.com](http://www.bhel.com)

## 1.0 Background

The increased share of feed-in grid from fluctuating renewable energies- mainly wind and solar- results in complex challenges for the energy system. In addition to other options such as grid and demand side management, flexible conventional power generation plays a key role for ensuring adequate system stability. Therefore, existing coal-fired power plants need to adapt to a completely new operating scenario.

Flexible power plant operation comprises three aspects: Minimum stable low load, recommended ramp rates and frequent load cycling. Most measures for flexibility enhancement aim at Minimum low load operation and high ramp rates. This is very important for provision of residual load and in times of low demand, it is more economical than shutting down the whole plant. The transformation from base-load to flexible operation is a change process. There is no generic concept or single implementation plan for power plants, as each plant has its own specifics, technology requirements and site conditions.

CEA has mandated all thermal utilities to prepare for this new operating flexi regime to achieve this national objective. CEA has also directed BHEL to assess unit flexibility on sample units from its supply of the existing fleet.

BHEL need to carry out detail study of present operating practices and parameters, analyze it and formulate implementation plan to deliver deliverable as mentioned in this offer. To achieve desirable deliverable, BHEL had to engineer and implement necessary measures by additional hardware, required process and control loop tuning, supervise erection and commissioning of hardware, guide and modify operating procedure and practices to achieve desirable deliverable.

## 2.0 OBJECTIVE

The main objectives of this Flexibility solutions are as below;

- Optimum ramp rate (Maximum & stable) for the unit in the control load range keeping the deviation limits of operating parameters within allowable range (as per Table-I). The trials will be conducted up to 2-3%/minute ramp up/down rate per minute.
- Optimum ramp rate (Maximum & stable) for the unit beyond control load range keeping the deviation limits of operating parameters within allowable range (as per Table-I). The trials will be conducted up to 1%/minute ramp up/down rate.
- Optimum stable low load level up to 40% TMCR with focused supervision of operator.
- Reduction in throttling losses and further enhancing frequency response by implementation of primary frequency control package.
- Stable operation at full & part loads (100%, 80%, 60%, 50%) for collection of process parameters for heat rate assessment
- Online monitoring of life consumption for Steam generator and Turbine.

### 3.0 KEY DELIVERABLES

Following are the key deliverables to be demonstrated with in operating range of parameters mentioned below for continuous, sustainable and repeatable operation.

#### PART A

- Ramp up and down rate at 3% / minute (within 70% to 100%.TMCR operating range) with operator intervention for mills cut in/out (Minimum 5 min duration in one ramp).
- Ramp up and down rate at 2% / minute (within 55% to 70% TMCR operating range) with operator intervention for mills cut in/out (Minimum 5 min duration in one ramp).
- Primary frequency control capability of up to 5% TMCR in control load range.
- Enabling stable & reliable operation of axial fans during low load (no stalling condition at low load).

#### PART B

- Ramp up and down rate at 1% / Minute (with 40% to 55% range) with operator intervention for mills cut in/out (Minimum 5 min duration in one ramp).
- Achieving 40% TMCR on sustainable continuous basis, with Focused Supervision of operator, capability improvement of operator, guide for updating SOP and procedure.

Ramps can be demonstrated in a certain minimum load range and not to be measured instantaneous. The actual load ramp rate will be limited to available Turbine stress evaluator margin.

Allowable excursion range of operating parameters in operating control load range will be limited to the values as mentioned in Table-1.

| Parameter         | Variation Limit<br>(Standard deviation) |
|-------------------|---|
| Steam Temperature | 15°C                                    |
| Drum Level        | 50 mm                                   |
| Furnace Pressure  | 30 mmWC                                 |

The deviation limits are to be measured in standard deviation only and set points are to be considered for respective operating condition. The standard deviation limits are applicable in control load range only.

## Duration of the overall execution of Trial run

### Mandatory Requirement i.e. PART A

- Supply completion = 10 weeks
  - Services pertaining to installation and test conductance = 06 weeks
  - Submission of report = **06 weeks** from the date of receipt of all requisite inputs from customer.
  - All the above activities shall be completed as per the required schedule of 8 months from date of confirmed order from customer.
- Report is submitted after the scheduled overall period of **08 months**

### Optional requirement i.e. PART B

- The overall contract period for PART B will be **12 months** provided the Shutdown of the boiler is provided by SCCL in time.

### Note:

1. 07 days of shutdown to be arranged for any RLA requirement.
2. Manpower for RLA will be provided by SCCL. Supervision and data collection/ analysis will be by BHEL.
3. Cable schedule for providing signal from DCS to APC shall have to be provided by M/S BHEL Within one month from the date of placement of LOA.

## 4.0 BHEL APPROACH / METHODOLOGY

Following approach shall be adopted for the implementation;

### 1. Assessment Test Trials

- Customer to conduct the unit ramp trials, primary response and technical minimum load trial as per BHEL requirement in full auto mode of operation. The above trials may be required to be repeated to confirm the performance of machine for given conditions of ramping and low load. Following trial tests can be conducted for unit assessment:
  - i) Load Ramp up and ramp down test
  - ii) Low Load Trial
  - iii) Primary Frequency response
  
- Team BHEL will witness the above mentioned tests. Further, the trend and required data will be provided to BHEL by customer for analysis and identifying the constraints.
- While initial trials are being conducted in full auto mode and all the existing limitations will be recorded and indicated to the customer. BHEL will advise corrective and remedial actions for equipment and same shall be taken up/implemented by customer.

### INPUTS required from Customer;

- A. Historical Operational Data from the utility  
Steam Generator & Steam Turbine
  - a) Number of Cold start till date.
  - b) Number of Warm start till date.
  - c) Number of Hot start till date.
  - d) Total Operating hours of the plant.
  - e) Any replacement/repair/modification of critical components during the operation period.
  - f) Metal Temperature and process parameters for each start-up case
  
- B. Latest uploaded configuration files from DCS.

### 2. Shutdown Works

- Customer to implement the corrective actions suggested by BHEL in the unit.
- Following activities to be completed by Customer under BHEL supervision;
  - ✓ Installation of APC
  - ✓ Installation of Thermocouples, MTM and other materials required.
  - ✓ Conductance for short RLA/Replica test for evaluating the base values for BOSMON & TSCMON.
  - ✓ Customer to place separate order for detailed RLA of turbine (including NDT etc.) for machines operated more than 100000 hrs.

### 3. Re assessment test/trials

Tests shall be carried out after completing the above activities as mentioned in point 2 above.

**4. Demonstration test**

- BHEL will commission solutions to meet the required deliverables as per the above scope and fine tune it.
- For the fine-tuning activity, ramp trials in different load range for different set of conditions as per BHEL requirement to be operated by customer.
- After fine tuning activities, final ramp trials will be conducted as per BHEL requirement in the load range of 40% TMCR to 100% TMCR and technical minimum load operation at 40%.
- The start of the final trials shall be considered as the effective date of the contract.
- All operating data comparison will be in deviation format from respective set points (design value/operating value).
- Further, these trials will be conducted with a maximum load change of 3% per minute for 5 minutes in a single ramp test due to manual addition and removal of mills. Sufficient stabilization time will be provided between each ramp trials. No addition and withdrawal of mills should be attempted during ramps.
- Final report submission.

## 5.0 BHEL SCOPE OF SUPPLY & SERVICES

The broad activities would be covered are highlighted as below:

### PART A:

The solutions shall be implemented per unit. The broad activities would be covered are highlighted as below:

1. Assessment Test Trials
2. Advisory, guidance and supervision can be given for Trial tests and implementation of solutions
3. Supply of Advance Process Control (APC) server: suitable Panels with Server (Workstation) to be installed in the plant control room.
4. The network interlinking cable between existing DCS and APC will be supplied by BHEL. However, laying will be in the scope of customer under erection supervision by BHEL.
5. Low flow operation package for Axial Fans.
6. BFP Low Flow operation package. BHEL will furnish the specification for the replacement/Modification of recirculation valve, if required.
7. Primary frequency control capability of up to 5% of operating load.
8. E&C supervision for supplied equipment for APC shall be under BHEL scope. However, customer will complete the erection of the APC panel

### PART B

1. Enrich Burners for minimum 3 no's of elevations.
2. BOSMON (Health monitoring system for boiler).
3. Turbine stress Monitoring System (TSCMON)
4. Estimation of baseline life consumed based on historical data & replica studies

### Common for PART A & B

1. Final Report Submission.
2. Supervision and Monitoring of main DCS parameters for any excursion - All parameters should be within permissible range. Excursion to be noted - e.g. Metal temp & its rate of rise-down/min, MSP rate of rise/down/min etc.
3. O&M guidelines for flexible operations.
4. Maintenance Schedules

### COMMISSIONING ACTIVITIES (For both the units):

- Provision of necessary software to facilitate the building of APC logics
- Implementation of Advance process logic
- Mapping of field data and suggesting switching logic.
- Demonstration of logics
- Remote access for implementing & tuning of solutions.

### NOTE:

There shall not be any deputation of BHEL representative for Tuning/ Supervision/guidance/Suggestion outside the scope of this offer. Further, customer will conduct ramp trials as per BHEL requirement and in case of non-availability of trials due to customer's constraint the redeployment charges shall be applicable.

### EXCLUSIONS:

- The Existing control loop modification/tuning.
- Servicing of existing DCS & field equipment.
- Any supply, installation & servicing for modification of BFP recirculation valve.
- Axial fan stall protection transmitters, RTD, instrumentation cable, impulse pipes temperature & pressure studs are not considered for supply, erection and commissioning. Number of transmitters required per fan as given below:
  - Pressure transmitters – 04 Nos with redundancy
  - Differential Pressure transmitters – 02 Nos with redundancy
  - RTD PT 100 – 02 Nos with redundancy
  - LIE/JB's – 01 No
- Thermocouples along with JB's, associated cables and accessories will be required to be installed and hooked to DCS for monitoring the stress at Boiler Headers.
- Preparatory Works by customer, Tools and Consumables for Replica study (Refer Annexure 3)
- Erection of the system



## 6.0 Customers Scope of work

- Customer will conduct ramp trials as per BHEL requirement in the control load range in full auto mode of operation. Technical minimum load operation at 40% TMCR operation, Primary response trial, etc. It should be under BHEL Supervision/guidance/suggestion.
- Consistency in coal quality should be ensured during load ramp or low load trials. Coal used should be within the design limits.
- Procurement and E&C of pressure & DP transmitters and temperature transmitters required for conducting the tests. BHEL shall provide all details for specification of pressure/temperature/DP transmitters. BHEL shall provide accuracy level/location of transmitter along with nos. of transmitter required. E&C shall be done under supervision of BHEL.
- Interfacing of APC with existing DCS and Existing control loop modification as per guidance of BHEL. Necessary provisions for signal exchange between existing DCS & APC to be taken care by Customer under guidance of BHEL. Signal exchange list will be provided by BHEL. BHEL shall provide only supervision/guidance/suggestion during entire activity.
- UPS power supply to DCS Panel /workstation/server will be from unit power supply to be arranged by Customer. The cable and accessory required for same shall be provided by Customer and sizing details will be shared by BHEL during detailed engineering.
- For APC: Associated cabling work to be taken care by Customer under commissioning supervision by BHEL.
- Laying of network interlinking cable supplied by BHEL under erection supervision by BHEL.
- Local transportation (movement within plant and between accommodation and plant), accommodation at site to be provided by customer to BHEL officials free of any cost.
- Assisting manpower with required T&P's should be provided by Customer during commissioning activities free of any cost.
- In order to build on the logics and carry out trial of Axial Fans for the low load performance checking, certain pressure & DP transmitters and RTD would be required. The details of the transmitters and RTD will be specified by BHEL & these are to be procured, erected & commissioned by customer along with the requisite materials like cables and other accessories as required.
- Thermocouples along with associated cables and accessories will be required to be installed and hooked to existing DCS for monitoring the stress at Boiler Headers. Nos and details of the same will be provided by BHEL which will be procured, installed and commissioned by customer.
- Support and chemical requirement for short RLA as per Annexure to be provided free of any cost.
- In order to build on the logics and carry out trial of BFP for the low load performance checking, replacement of BFP recirculation valve internals along with actuator or entire valve along with actuator would be required. These are to be procured, erected & commissioned by customer along with the requisite materials.
- During all the trials data collected and coal & flue gas analysis to be shared with BHEL.
- Coal fineness data of various coal mills during the trial as per requirement to be shared with BHEL.

- Interfacing capabilities with existing DCS through Logic modification to accept remote command from APC (switching logic). For implementing Switching logic for APC, BHEL will provide modification scheme to accept remote command from APC and the same has to be implemented by customer in existing DCS under supervision & guidance of BHEL experts.
- Provision for reliable internet connectivity for remote access to APC shall also be provided free of any charges.
- Any kind of servicing of field equipment, DCS and its instrumentation are in the scope of Customer.
- Any other supply or services which is not covered under BHEL scope.

**NOTE:**

The information contained regarding the trials is proprietary to Bharat Heavy Electrical Limited and may not be used, reproduced or disclosed to others except as specifically permitted in writing by Bharat Heavy Electrical Limited. The recipient of this document, by its retention and use, agrees to protect the same and the information contained therein from loss or theft".



JAY NARAYAN SINGH &lt;jnsingh01ntpc@gmail.com&gt;

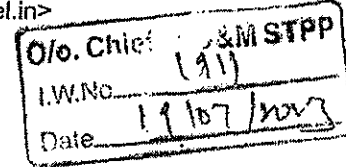
## FW: Flexible Operation at 2X600 MW SCCL Singareni TPS : BHEL Price offer

Gurpreet Singh Summan &lt;gurpreet@bhel.in&gt;

Wed, Jul 19, 2023 at 9:29 AM

To: jnsingh01ntpc &lt;jnsingh01ntpc@gmail.com&gt;

Cc: nisheeth\_khare@bhel.in, ABHATNAGAR@bhel.in, Pulak Sr &lt;sh.pulak@bhel.in&gt;



Dear Sir,

In reference to the trailing mail and your discussion with Sh. Pulak Mukhopadhyay, kindly find the attached Technical offer REV 01.

Accordingly, the revised Price offer per boiler is as below;

| SI | PART   | Scope of supply                    | Price offer (Ex-works)   |
|----|--------|------------------------------------|--|
| 1  | Part A | Complete Package                   | INR 5.29 Crs. [Ramp rate from 100% to 55%]                               |
| 2  | Part B | BOSMON with thermocouples & TSCMON | INR 3.51 Crs [Ramp rate from 55% to 40% and continuous operation at 40%] |

The above price is on ex-works basis and exclusive of all taxes and duties. Taxes and duties shall be reimbursed additionally on actuals.

This offer is valid up to 31<sup>st</sup> August 2023.

Submitted for your kind information and further needful please.

Looking forward for SCCL firm enquiry for the subject units.

Thanking you and assuring you of our best services.

सादर/ Regards

गुरप्रीत सिंह/Gurpreet Singh

प्रबंधक (आर एंड एम)/ Manager (R&M)

पा.से. - एस.एस.बी.जी/ PS-SSBG

7<sup>th</sup> floor, Plot no. 25, Sector-16A,

Noida (U.P.) 201301

(M) +91- 9971117316

Sh. Pulak Mukhopadhyay  
19.7.23

Brief Report of REGL, APL Raigarh

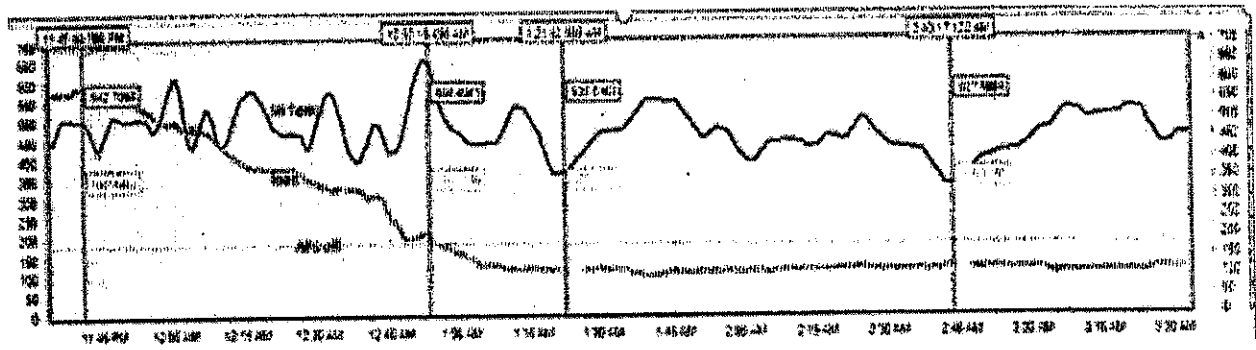
230

BHEL executed the Flexibilisation order on 600 MW unit of REGL APL Raigarh and a brief report on the requirements and delivered result is produced through this paper.

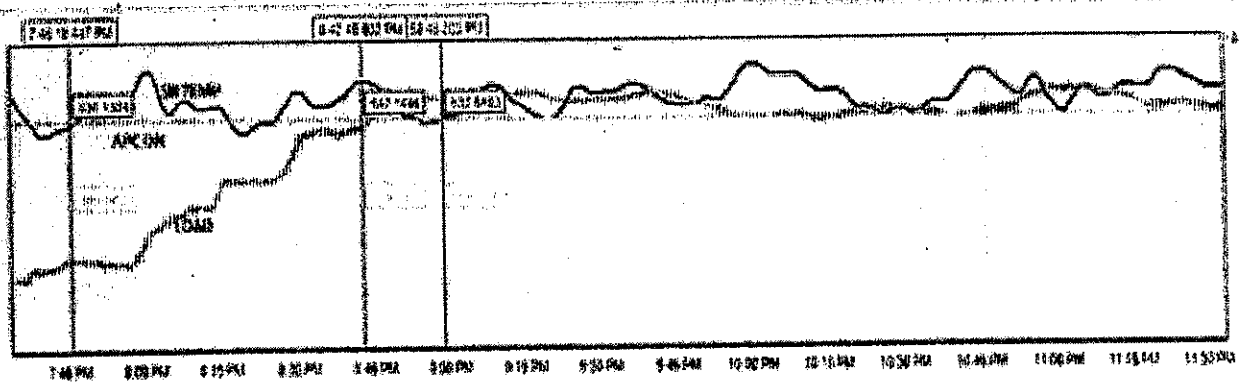
| PARAMETER                   | WITHOUT APC CTRL        | WITH APC CTRL<br>(At various plant operating conditions) |
|-----------------------------|-------------------------|--|
| SH/RH Temperature Variation | Greater than +/-20 DegC | Less than +/-10 DegC                                     |
| Load Ramp Rates             | 0.5%- 0.7% Achieved     | 2.7%- 3.0% Achieved.                                     |
| MS Pressure Variation       | Above +/-7 Kg approx.   | Within +/-5 Kg approx.                                   |
| Furnace Pressure Variation  | Above +/-27 mm approx   | Within +/-15 mm approx.                                  |
| Drum Level                  | ---                     | Below +/-30 mm   |
| Technical minimum low load  |                         | Run at 40% (TMCR) for 6 Hours in CMC                     |

**APC PERFORMANCE SYNOPSIS**

**Comparative chart for parameters before(Fig-1) and after(Fig-2) Flexibilisation**



**CONVENTIONAL CONTROL(Fig-1)**



**ADVANCED PROCESS CONTROL(Fig-2)**

*Sr. Prakashanji*  
*Final*  
*5/1/23*

Results were achieved as per CEA mandate for both up and down ramp. A typical test result of RAMP RATE 3.03 %/ MIN Achieved for load change from 470 TO 560MW is as per Fig-3

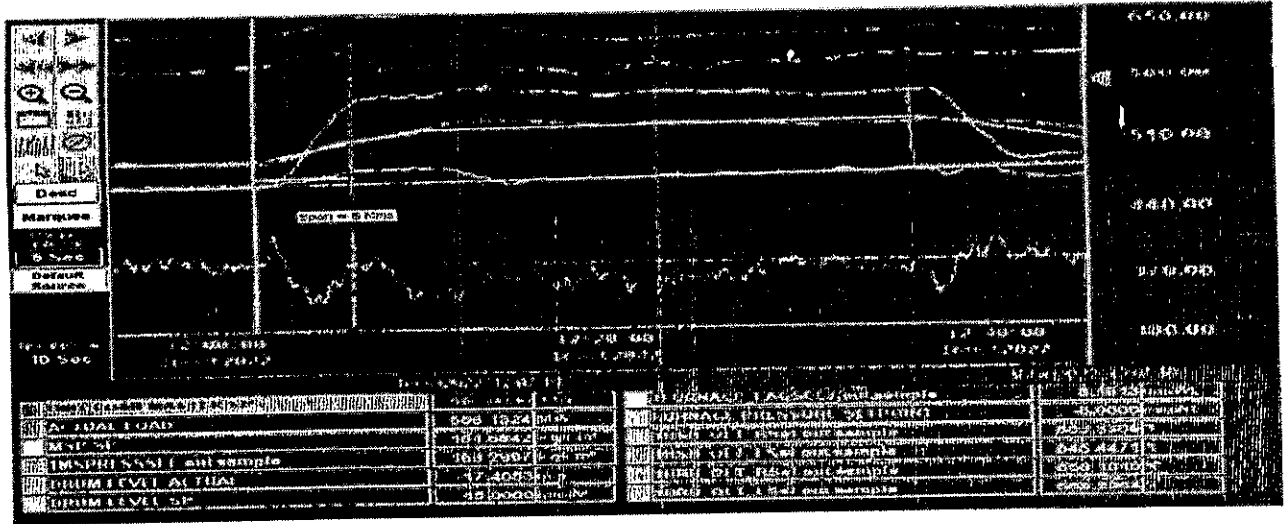


Fig-3

Low load operation as per CEA mandate was demonstrated(Fig-4) Load was ramped with CMC & APC (Advance Process Control) in service to 240 MW (40% TMCR) as per desired ramp rates. The plant was run at 240 MW load for the duration of approx. 6 hrs and further released for operational requirements. During all the above demonstrations all control loops including Burner Tilt, BFP recirculation valves were in auto with CMC & APC in services without any manual intervention. All major parameters like SH/RH Temperature, furnace draft, flame intensity, drum level, WB DP etc were observed stable during the trials. No metal temperature excursion was observed.

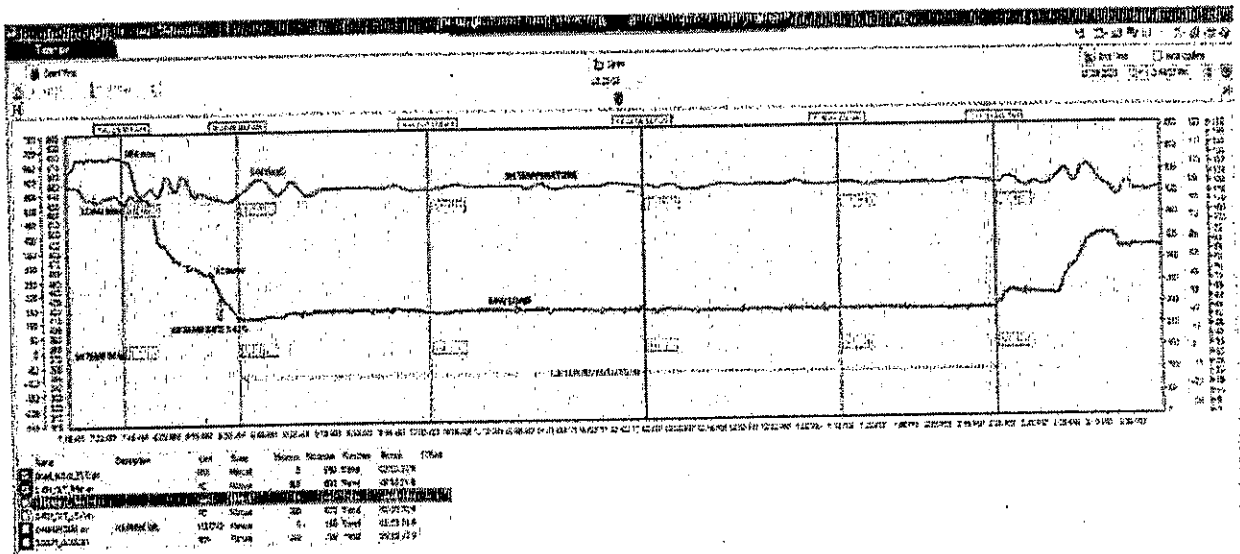


Fig-4

**Annexure-E: STPP,SCCL Tariff Filing Forms  
(Generation)**



**The Singareni Collieries Company Ltd  
Singareni Thermal Power Project**

**Tariff Filing Formats - Generation**

**Checklist**

| S. No. | Form      | Title  | Tick |
|--------|-----------|--|------|
| 1      | Form 1    | Summary Sheet  | ✓    |
| 2      | Form 2    | Operation and Maintenance Expenses                             | ✓    |
| 3      | Form 2.1  | Employee Expenses  | ✓    |
| 4      | Form 2.2  | Administration & General Expenses                              | ✓    |
| 5      | Form 2.3  | Repair & Maintenance Expenses                                  | ✓    |
| 6      | Form 3    | Summary of Capital Expenditure and Capitalisation              | ✓    |
| 7      | Form 3.1  | Statement of Additional Capitalisation after COD               | ✓    |
| 8      | Form 3.2  | Financing of Additional Capitalisation                         | ✓    |
| 9      | Form 4    | Fixed Assets & Depreciation                                    | ✓    |
| 10     | Form 4.1  | Fixed Assets & Depreciation calculation                        | ✓    |
| 11     | Form 5    | Interest and finance charges on loan                           | ✓    |
| 12     | Form 6    | Interest on working capital                                    | ✓    |
| 13     | Form 7    | Return on Equity   | ✓    |
| 14     | Form 8    | Non-Tariff Income  | ✓    |
| 15     | Form 9    | Planned & Forced Outages                                       | ✓    |
| 16     | Form 10   | Operational parameters   | ✓    |
| 17     | Form 11   | Fuel Details for computation of Energy Charge Rate             | ✓    |
| 18     | Form 11.1 | Fuel Details (Secondary) for computation of Energy Charge Rate | ✓    |
| 19     | Form 12   | Energy Charge Rate   | ✓    |
| 20     | Form 13   | Sales  | ✓    |
| 21     | Form 14   | Revenue from Sale of Electricity                               | ✓    |
| 22     | Form 15   | Revenue Reconciliation   | ✓    |
| 23     | Form 16   | Summary of true-up   | ✓    |
| 24     | Form 16.1 | Water charges, Tariff filing fee and Audit fee                 | ✓    |
| 25     | Form 16.2 | Incentive  | ✓    |
|        |           | <b>Capital Cost Approval*</b>                                  |      |
| 26     | Form 17   | Plant Characteristics (Thermal)                                | —    |
| 27     | Form 18   | Plant Characteristics (Hydel)                                  | —    |
| 28     | Form 19.1 | Project Schedule   | —    |
| 29     | Form 19.2 | Abstract of Capital Cost                                       | —    |
| 30     | Form 19.3 | Breakup of Capital Cost  | —    |
| 31     | Form 19.4 | Breakup of Construction/Supply/Services/Packages               | —    |
| 32     | Form 19.5 | Financial Package  | —    |
| 33     | Form 19.6 | Details of Loans   | —    |
| 34     | Form 19.7 | Phasing of Expenditure, Debt and Equity upto COD               | —    |
| 35     | Form 19.8 | Interest During Construction and Finance Charges upto COD      | —    |

**Note:** \* Applicable only for new Generating Station/Unit for which Provisional/Final tariff approval is being sought





The Singareni Collieries Company Ltd  
Singareni Thermal Power Project  
Form 1: Summary Sheet

| S. No.   | Particulars                                  | Units     | Reference | Year (n-1)          |                     |                             | Current Year 'n'          |                |                   |                         | Control Period |               |               |               |               | Remarks |            |
|----------|--|-----------|-----------|---------------------|---------------------|-----------------------------|---------------------------|----------------|-------------------|-------------------------|----------------|---------------|---------------|---------------|---------------|---------|------------|
|          |  |           |           | FY 2022-23          |                     | FY 2023-24                  |                           | FY 2024-25     |                   | FY 2025-26              |                | FY 2026-27    |               | FY 2027-28    |               |         | FY 2028-29 |
|          |  |           |           | MYT/Tariff Approved | April-March Audited | True-Up requirement Claimed | MYT/Tariff Order Approved | Apr-Sep Actual | Oct-Mar Estimated | April - March Estimated | n+1 Projected  | n+2 Projected | n+3 Projected | n+4 Projected | n+5 Projected |         |            |
| <b>A</b> | <b>Annual Fixed Charges</b>                  |           |           |                     |                     |                             |                           |                |                   |                         |                |               |               |               |               |         |            |
| 1        | Operation & Maintenance Expenses             | Rs. Crore | Form 2    | 220.09              | 304.61              | 304.61                      | 225.07                    | 165.79         | 165.79            | 331.58                  | 356.20         | 376.17        | 397.25        | 419.52        | 443.05        |         |            |
| 2        | Depreciation                                 | Rs. Crore | Form 4    | 400.36              | 400.54              | 400.54                      | 400.36                    | 200.90         | 200.90            | 401.81                  | 403.52         | 404.17        | 404.17        | 404.17        | 404.17        | 404.17  |            |
| 3        | Interest and finance charges on loan         | Rs. Crore | Form 5    | 224.24              | 266.65              | 266.65                      | 195.57                    | 126.31         | 126.31            | 249.05                  | 217.44         | 181.14        | 144.14        | 107.15        | 70.15         |         |            |
| 4        | Interest on Working Capital                  | Rs. Crore | Form 6    | 83.51               | 98.65               | 98.65                       | 85.63                     | 57.75          | 57.75             | 115.47                  | 96.66          | 96.59         | 96.49         | 96.37         | 96.39         |         |            |
| 5        | Return on Equity                             | Rs. Crore | Form 7    | 436.41              | 481.81              | 481.81                      | 436.40                    | 241.23         | 242.46            | 483.69                  | 485.68         | 486.33        | 486.33        | 486.33        | 486.33        |         |            |
| 6        | Less: Non-Tariff Income                      | Rs. Crore | Form 8    | 13.33               | 9.27                | 9.27                        | 13.33                     | 1.85           | 1.85              | 3.71                    | 3.90           | 4.09          | 4.29          | 4.51          | 4.73          |         |            |
| 7        | Annual Fixed Charges                         | Rs. Crore |           | 1351.28             | 1542.99             | 1542.99                     | 1329.70                   | 790.13         | 787.16            | 1577.88                 | 1555.60        | 1540.30       | 1524.09       | 1509.04       | 1495.35       |         |            |
| <b>B</b> | <b>Energy Charges</b>                        |           |           |                     |                     |                             |                           |                |                   |                         |                |               |               |               |               |         |            |
| 1        | Energy Charge Rate                           | Rs./KWh   | Form 12   | 3.347               | 3.343               | 3.343                       | 3.756                     | 3.764          | 3.764             | 3.764                   | 3.876          | 3.876         | 3.876         | 3.876         | 3.876         |         |            |
| 2        | Scheduled Energy (ex-bus)                    | MU        | Form 10   | 8741.959            | 8741.959            | 8741.959                    | 8421.426                  | 4152.213       | 4253.603          | 8405.816                | 8794.656       | 9055.238      | 9055.238      | 9081.297      | 9055.238      |         |            |
| 3        | Energy Charges*                              | Rs. Crore |           | 2925.93             | 2922.44             | 2922.44                     | 3163.09                   | 1562.89        | 1601.06           | 3163.95                 | 3408.81        | 3509.81       | 3509.81       | 3519.91       | 3509.81       |         |            |
| <b>C</b> | <b>Other Charges</b>                         |           |           |                     |                     |                             |                           |                |                   |                         |                |               |               |               |               |         |            |
| 1        | Incentive                                    | Rs. Crore |           | 0.00                | 16.03               | 16.03                       | 0.00                      | 0.00           | 4.19              | 4.19                    | 18.66          | 31.69         | 31.69         | 31.84         | 31.69         |         |            |
| 2        | water charges, Audit fee & Tariff filing fee | Rs. Crore |           | 0.00                | 2.30                | 2.30                        | 0.00                      | 1.88           | 1.88              | 3.75                    | 0.00           | 0.00          | 0.00          | 0.00          | 0.00          |         |            |
| 3        | Sub Total (Other Charges)                    | Rs. Crore |           | 0.00                | 18.33               | 18.33                       | 0.00                      | 1.88           | 6.06              | 7.94                    | 18.66          | 31.69         | 31.69         | 31.84         | 31.69         |         |            |
| <b>D</b> | <b>Grand Total</b>                           | Rs. Crore |           | 4277.21             | 4483.76             | 4483.76                     | 4492.79                   | 2354.89        | 2394.28           | 4749.77                 | 4983.07        | 5081.80       | 5065.59       | 5060.79       | 5036.85       |         |            |

\* Energy Charges provisionally computed for next control period FY 2024-25 to FY 2028-29 based on average actual energy charges during September-23, October-23 and November-23. However, actual energy charges shall be claimed as per TSERC regulation 2 of 2023.



The Singareni Collieries Company Ltd  
 Singareni Thermal Power Project  
 Form 2: Operation and Maintenance Expenses

A. For Existing Generating Stations

| S. No. | Particulars        | Reference | Year (n-4) |         | Year (n-3) |         | Year (n-2) |         | Year (n-1) |         |                  |          | Current Year 'n'    |         |                  |          |            | Control Period |            |           |            |           |            |        |           |        |           |        |           |        |
|--------|--------------------|-----------|------------|---------|------------|---------|------------|---------|------------|---------|------------------|----------|---------------------|---------|------------------|----------|------------|----------------|------------|-----------|------------|-----------|------------|--------|-----------|--------|-----------|--------|-----------|--------|
|        |                    |           | FY 2019-20 |         | FY 2020-21 |         | FY 2021-22 |         | FY 2022-23 |         | FY 2023-24       |          |                     |         | FY 2024-25       |          | FY 2025-26 |                | FY 2026-27 |           | FY 2027-28 |           | FY 2028-29 |        |           |        |           |        |           |        |
|        |                    |           | Apr-Mar    | Audited | Apr-Mar    | Audited | Apr-Mar    | Audited | Apr-Mar    | Audited | MYT/Tariff Order | Approved | True-Up requirement | Claimed | MYT/Tariff Order | Approved | Actual     | Estimated      | Oct-Mar    | Estimated | Apr - Mar  | Estimated | Projected  | n+1    | Projected | n+2    | Projected | n+3    | Projected | n+4    |
| 1      | Employee Expenses  | Form 2.1  | 77.12      | 88.74   | 75.30      | 88.74   | 88.74      | 153.76  | 153.76     | -       | 153.76           | 153.76   | 80.80               | 80.80   | 80.80            | 80.80    | 161.60     | 80.80          | 80.80      | 161.60    | 179.03     | 179.03    | 170.09     | 170.09 | 179.03    | 188.44 | 188.44    | 198.35 | 198.35    | 208.78 |
| 2      | A&G Expenses       | Form 2.2  | 48.63      | 66.07   | 58.57      | 66.07   | 66.07      | 58.55   | 58.55      | -       | 58.55            | 58.55    | 24.00               | 24.00   | 24.00            | 48.01    | 48.01      | 24.00          | 24.00      | 48.01     | 63.27      | 63.27     | 59.73      | 59.73  | 63.27     | 67.02  | 67.02     | 70.98  | 70.98     | 75.19  |
| 3      | R & M Expenses     | Form 2.3  | 101.90     | 126.95  | 116.07     | 126.95  | 126.95     | 94.61   | 94.61      | -       | 94.61            | 94.61    | 62.86               | 62.86   | 62.86            | 125.73   | 125.73     | 62.86          | 62.86      | 125.73    | 133.86     | 133.86    | 126.38     | 126.38 | 133.86    | 141.79 | 141.79    | 150.19 | 150.19    | 159.08 |
| 4      | Total O&M Expenses |           | 227.65     | 281.77  | 249.95     | 281.77  | 281.77     | 306.91  | 306.91     | 220.09  | 306.91           | 306.91   | 167.67              | 167.67  | 167.67           | 335.33   | 335.33     | 167.67         | 167.67     | 335.33    | 376.17     | 376.17    | 356.20     | 356.20 | 376.17    | 397.25 | 397.25    | 419.52 | 419.52    | 443.05 |

Note:

1 The projections for the Control Period to be supported by detailed computations

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The Singareni Collieries Company Ltd  
Singareni Thermal Power Project  
Form 2.1: Employee Expenses

| S.No. | Particulars                                       | Year (n-4) |         | Year (n-3) |         | Year (n-2) |         | Year (n-1) |         | Current Year 'n' |        |         |           | Control Period |           |            |     |            |     |            |     |            |     |           |     |
|-------|---|------------|---------|------------|---------|------------|---------|------------|---------|------------------|--------|---------|-----------|----------------|-----------|------------|-----|------------|-----|------------|-----|------------|-----|-----------|-----|
|       |   | FY 2019-20 |         | FY 2020-21 |         | FY 2021-22 |         | FY 2022-23 |         | FY 2023-24       |        |         |           | FY 2024-25     |           | FY 2025-26 |     | FY 2026-27 |     | FY 2027-28 |     | FY 2028-29 |     |           |     |
|       |   | Apr-Mar    | Audited | Apr-Mar    | Audited | Apr-Mar    | Audited | Apr-Mar    | Audited | Apr-Sep          | Actual | Oct-Mar | Estimated | Apr-Mar        | Estimated | Projected  | n+1 | Projected  | n+2 | Projected  | n+3 | Projected  | n+4 | Projected | n+5 |
| 1     | Basic Salary                                      | 33.13      |         | 35.83      |         | 25.71      |         | 34.68      |         | 29.97            |        | 29.97   |           | 29.97          |           | 63.13      |     | 66.44      |     | 69.94      |     | 73.61      |     | 77.48     |     |
| 2     | Dearness Allowance (DA)                           | 13.20      |         | 16.56      |         | 13.54      |         | 18.88      |         | 8.97             |        | 8.97    |           | 8.97           |           | 18.88      |     | 19.87      |     | 20.91      |     | 22.01      |     | 23.17     |     |
| 3     | House Rent Allowance                              | 0.28       |         | 0.23       |         | 0.18       |         | 0.25       |         | 0.18             |        | 0.18    |           | 0.18           |           | 0.38       |     | 0.40       |     | 0.42       |     | 0.44       |     | 0.47      |     |
| 4     | Conveyance Allowance                              | 0.02       |         | 0.02       |         | 0.01       |         | 0.01       |         | 0.01             |        | 0.01    |           | 0.01           |           | 0.02       |     | 0.03       |     | 0.03       |     | 0.03       |     | 0.03      |     |
| 5     | Leave Travel Allowance                            | 0.14       |         | 0.04       |         | 0.05       |         | 0.28       |         | 0.04             |        | 0.04    |           | 0.04           |           | 0.09       |     | 0.10       |     | 0.10       |     | 0.11       |     | 0.11      |     |
| 6     | Earned Leave Encashment                           | 3.56       |         | 2.19       |         | 2.62       |         | 3.85       |         | 3.09             |        | 3.09    |           | 3.09           |           | 6.51       |     | 6.85       |     | 7.21       |     | 7.59       |     | 7.99      |     |
| 7     | Other Allowances                                  | 0.33       |         | 0.41       |         | 0.26       |         | 0.35       |         | 0.28             |        | 0.28    |           | 0.28           |           | 0.59       |     | 0.62       |     | 0.65       |     | 0.69       |     | 0.73      |     |
| 8     | Medical Reimbursement                             | 0.38       |         | 0.54       |         | 0.55       |         | 0.87       |         | 0.36             |        | 0.36    |           | 0.36           |           | 0.77       |     | 0.81       |     | 0.85       |     | 0.89       |     | 0.94      |     |
| 9     | Overtime Payment                                  | 0.00       |         | 0.00       |         | 0.00       |         | 0.00       |         | 0.00             |        | 0.00    |           | 0.00           |           | 0.00       |     | 0.00       |     | 0.00       |     | 0.00       |     | 0.00      |     |
| 10    | Bonus/Ex-Gratia Payments                          | 10.57      |         | 2.70       |         | 7.45       |         | 19.06      |         | 21.74            |        | 21.74   |           | 21.74          |           | 45.77      |     | 48.18      |     | 50.71      |     | 53.38      |     | 56.18     |     |
| 11    | Interim Relief / Wage Revision                    | 1.78       |         | 1.96       |         | 1.44       |         | 1.97       |         | 2.36             |        | 2.36    |           | 2.36           |           | 4.85       |     | 5.10       |     | 5.37       |     | 5.65       |     | 5.95      |     |
| 12    | Staff welfare expenses                            | 0.00       |         | 0.00       |         | 0.00       |         | 0.00       |         | 0.00             |        | 0.00    |           | 0.00           |           | 0.00       |     | 0.00       |     | 0.00       |     | 0.00       |     | 0.00      |     |
| 13    | VRS Expenses/Retrenchment Compensation            | 0.00       |         | 0.00       |         | 0.00       |         | 0.00       |         | 0.00             |        | 0.00    |           | 0.00           |           | 0.00       |     | 0.00       |     | 0.00       |     | 0.00       |     | 0.00      |     |
| 14    | Commission to Directors                           | 0.00       |         | 0.00       |         | 0.00       |         | 0.00       |         | 0.00             |        | 0.00    |           | 0.00           |           | 0.00       |     | 0.00       |     | 0.00       |     | 0.00       |     | 0.00      |     |
| 15    | Training Expenses                                 | 0.00       |         | 0.00       |         | 0.00       |         | 0.17       |         | 0.06             |        | 0.06    |           | 0.06           |           | 0.12       |     | 0.13       |     | 0.14       |     | 0.14       |     | 0.15      |     |
| 16    | Payment under Workmen's Compensation Act          | 0.00       |         | 0.00       |         | 0.00       |         | 0.00       |         | 0.00             |        | 0.00    |           | 0.00           |           | 0.00       |     | 0.00       |     | 0.00       |     | 0.00       |     | 0.00      |     |
| 17    | Net Employee Costs                                | 0.00       |         | 0.00       |         | 0.00       |         | 0.00       |         | 0.00             |        | 0.00    |           | 0.00           |           | 0.00       |     | 0.00       |     | 0.00       |     | 0.00       |     | 0.00      |     |
| 18    | Terminal Benefits                                 | 0.41       |         | 0.00       |         | 0.24       |         | 0.79       |         | 0.29             |        | 0.29    |           | 0.29           |           | 0.61       |     | 0.64       |     | 0.68       |     | 0.71       |     | 0.75      |     |
| 18.1  | Provident Fund Contribution                       | 7.88       |         | 9.21       |         | 6.54       |         | 9.75       |         | 6.47             |        | 6.47    |           | 6.47           |           | 13.61      |     | 14.33      |     | 15.08      |     | 15.87      |     | 16.71     |     |
| 18.2  | Provision for PF Fund                             | 0.00       |         | 0.00       |         | 0.00       |         | 0.00       |         | 0.00             |        | 0.00    |           | 0.00           |           | 0.00       |     | 0.00       |     | 0.00       |     | 0.00       |     | 0.00      |     |
| 18.3  | Pension Payments                                  | 0.00       |         | 0.00       |         | 0.00       |         | 2.62       |         | 1.70             |        | 1.70    |           | 1.70           |           | 3.57       |     | 3.76       |     | 3.95       |     | 4.16       |     | 4.38      |     |
| 18.4  | Gratuity Payment                                  | 3.09       |         | 3.56       |         | 2.02       |         | 6.61       |         | 2.87             |        | 2.87    |           | 2.87           |           | 6.04       |     | 6.36       |     | 6.69       |     | 7.05       |     | 7.42      |     |
| 19    | Unfunded past liabilities of pension and gratuity | 0.00       |         | 0.00       |         | 0.00       |         | 0.00       |         | 0.00             |        | 0.00    |           | 0.00           |           | 0.00       |     | 0.00       |     | 0.00       |     | 0.00       |     | 0.00      |     |
| 20    | Others  | 2.33       |         | 2.04       |         | 28.14      |         | 40.52      |         | 0.09             |        | 0.09    |           | 0.09           |           | 0.18       |     | 0.19       |     | 0.20       |     | 0.21       |     | 0.23      |     |
| 21    | Gross Employee Expenses                           | 77.12      |         | 75.30      |         | 88.74      |         | 153.76     |         | 80.80            |        | 80.80   |           | 80.80          |           | 170.09     |     | 179.03     |     | 188.44     |     | 198.35     |     | 208.78    |     |
| 22    | Less: Expenses Capitalised                        | 0.00       |         | 0.00       |         | 0.00       |         | 0.00       |         | 0.00             |        | 0.00    |           | 0.00           |           | 0.00       |     | 0.00       |     | 0.00       |     | 0.00       |     | 0.00      |     |
| 23    | Net Employee Expenses                             | 77.12      |         | 75.30      |         | 88.74      |         | 153.76     |         | 80.80            |        | 80.80   |           | 80.80          |           | 170.09     |     | 179.03     |     | 188.44     |     | 198.35     |     | 208.78    |     |

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The Singareni Collieries Company Ltd  
Singareni Thermal Power Project  
Form 2.2: Administration & General Expenses

| S. No. | Particulars                                   | (Rs. Crore) |         |            |         |            |         |            |         |                  |        |         |           |         |                |            |            |            |            |            |
|--------|---|-------------|---------|------------|---------|------------|---------|------------|---------|------------------|--------|---------|-----------|---------|----------------|------------|------------|------------|------------|------------|
|        |   | Year (n-4)  |         | Year (n-3) |         | Year (n-2) |         | Year (n-1) |         | Current Year 'n' |        |         |           |         | Control Period |            |            |            |            |            |
|        |   | Apr-Mar     | Audited | Apr-Mar    | Audited | Apr-Mar    | Audited | Apr-Mar    | Audited | Apr-Sep          | Actual | Oct-Mar | Estimated | Apr-Mar | Estimated      | FY 2024-25 | FY 2025-26 | FY 2026-27 | FY 2027-28 | FY 2028-29 |
| 1      | Rent Rates & Taxes                            | 2.46        | 1.89    | 13.80      | 13.32   | 2.41       | 0.10    | 12.73      | 6.32    | 7.12             | 13.44  | 0.00    | 0.00      | 0.00    | 0.00           | 14.24      | 15.08      | 15.97      | 16.92      | 17.92      |
| 2      | Insurance                                     | 0.24        | 0.32    | 0.23       | 0.05    | 0.02       | 0.04    | 0.04       | 0.04    | 0.04             | 0.04   | 0.04    | 0.04      | 0.04    | 0.04           | 0.04       | 0.04       | 0.05       | 0.05       | 0.05       |
| 3      | Telephone & Postage, etc.                     | 0.00        | 0.00    | 0.00       | 0.26    | 0.00       | 0.26    | 0.00       | 0.00    | 0.00             | 0.00   | 0.00    | 0.00      | 0.00    | 0.00           | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       |
| 4      | Legal charges & Audit fee                     | 2.64        | 2.38    | 0.81       | 1.24    | 0.01       | 0.01    | 0.01       | 0.01    | 0.28             | 0.57   | 0.02    | 0.02      | 0.02    | 0.60           | 0.64       | 0.68       | 0.72       | 0.76       | 0.76       |
| 5      | Professional, Consultancy, Technical fee      | 0.04        | 0.00    | 0.01       | 0.01    | 3.16       | 4.95    | 2.77       | 1.38    | 1.38             | 2.77   | 3.10    | 3.29      | 3.48    | 3.10           | 3.10       | 3.29       | 3.48       | 3.69       | 3.69       |
| 6      | Conveyance & Travel                           | 9.37        | 5.79    | 3.16       | 4.95    | 0.00       | 0.00    | 0.00       | 0.00    | 0.00             | 0.00   | 0.00    | 0.00      | 0.00    | 0.00           | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       |
| 7      | Electricity charges                           | 0.00        | 0.00    | 0.00       | 0.00    | 0.00       | 0.00    | 0.00       | 0.00    | 0.00             | 0.00   | 0.00    | 0.00      | 0.00    | 0.00           | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       |
| 8      | Water charges                                 | 15.83       | 30.83   | 37.21      | 35.63   | 0.00       | 0.00    | 0.00       | 0.00    | 0.00             | 0.00   | 0.00    | 0.00      | 0.00    | 0.00           | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       |
| 9      | Security arrangements                         | 0.00        | 0.00    | 0.00       | 0.00    | 0.00       | 0.00    | 0.00       | 0.00    | 0.00             | 0.00   | 0.00    | 0.00      | 0.00    | 0.00           | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       |
| 10     | Fees & subscription                           | 0.00        | 0.01    | 0.08       | 0.03    | 0.03       | 0.03    | 0.03       | 0.03    | 0.00             | 0.01   | 0.01    | 0.01      | 0.01    | 0.01           | 0.01       | 0.01       | 0.01       | 0.01       | 0.01       |
| 11     | Books & periodicals                           | 0.14        | 0.03    | 0.02       | 0.01    | 0.00       | 0.00    | 0.00       | 0.00    | 0.00             | 0.00   | 0.00    | 0.00      | 0.00    | 0.00           | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       |
| 12     | Computer Stationery                           | 0.03        | 0.00    | 0.00       | 0.00    | 0.00       | 0.00    | 0.00       | 0.00    | 0.00             | 0.00   | 0.00    | 0.00      | 0.00    | 0.00           | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       |
| 13     | Printing & Stationery                         | 0.00        | 0.00    | 0.00       | 0.00    | 0.00       | 0.00    | 0.00       | 0.00    | 0.00             | 0.00   | 0.00    | 0.00      | 0.00    | 0.00           | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       |
| 14     | Advertisements                                | 0.00        | 0.00    | 0.00       | 0.00    | 0.00       | 0.00    | 0.00       | 0.00    | 0.00             | 0.00   | 0.00    | 0.00      | 0.00    | 0.00           | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       |
| 15     | Purchase Related Advertisement Expenses       | 0.00        | 0.00    | 0.00       | 0.00    | 0.00       | 0.00    | 0.00       | 0.00    | 0.00             | 0.00   | 0.00    | 0.00      | 0.00    | 0.00           | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       |
| 16     | Contribution/Donations                        | 1.63        | 0.12    | 0.94       | 0.39    | 0.00       | 0.00    | 0.00       | 0.00    | 0.19             | 0.39   | 0.00    | 0.00      | 0.00    | 0.41           | 0.44       | 0.46       | 0.49       | 0.52       | 0.52       |
| 17     | License Fee and other related fee             | 0.00        | 0.00    | 0.00       | 0.00    | 0.00       | 0.00    | 0.00       | 0.00    | 0.00             | 0.00   | 0.00    | 0.00      | 0.00    | 0.00           | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       |
| 18     | Vehicle Running Expenses Truck / Delivery Van | 0.00        | 0.00    | 0.00       | 0.00    | 0.00       | 0.00    | 0.00       | 0.00    | 0.00             | 0.00   | 0.00    | 0.00      | 0.00    | 0.00           | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       |
| 19     | Vehicle Hiring Expenses Truck / Delivery Van  | 0.00        | 0.00    | 0.00       | 0.00    | 0.00       | 0.00    | 0.00       | 0.00    | 0.00             | 0.00   | 0.00    | 0.00      | 0.00    | 0.00           | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       |
| 20     | Cost of services procured                     | 0.00        | 0.00    | 0.00       | 0.00    | 0.00       | 0.00    | 0.00       | 0.00    | 0.00             | 0.00   | 0.00    | 0.00      | 0.00    | 0.00           | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       |
| 21     | Outsourcing of metering and billing system    | 0.00        | 0.00    | 0.00       | 0.00    | 0.00       | 0.00    | 0.00       | 0.00    | 0.00             | 0.00   | 0.00    | 0.00      | 0.00    | 0.00           | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       |
| 22     | Freight On Capital Equipments                 | 0.00        | 0.00    | 0.00       | 0.00    | 0.00       | 0.00    | 0.00       | 0.00    | 0.00             | 0.00   | 0.00    | 0.00      | 0.00    | 0.00           | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       |
| 23     | V-sat, internet and related charges           | 0.00        | 0.00    | 0.00       | 0.00    | 0.00       | 0.00    | 0.00       | 0.00    | 0.00             | 0.00   | 0.00    | 0.00      | 0.00    | 0.00           | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       |
| 24     | Training                                      | 0.00        | 0.00    | 0.00       | 0.00    | 0.00       | 0.00    | 0.00       | 0.00    | 0.00             | 0.00   | 0.00    | 0.00      | 0.00    | 0.00           | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       |
| 25     | Bank Charges                                  | 0.12        | 0.08    | 0.11       | 0.17    | 0.05       | 0.05    | 0.11       | 0.05    | 0.05             | 0.11   | 0.12    | 0.12      | 0.12    | 0.12           | 0.12       | 0.13       | 0.14       | 0.15       | 0.15       |
| 26     | Miscellaneous Expenses                        | 0.01        | 0.01    | 0.00       | 0.00    | 0.01       | 0.01    | 0.04       | 0.01    | 0.01             | 0.04   | 0.01    | 0.01      | 0.01    | 0.01           | 0.01       | 0.01       | 0.01       | 0.01       | 0.01       |
| 27     | Office Expenses                               | 0.18        | 0.23    | 0.15       | 0.14    | 0.15       | 0.14    | 0.14       | 0.04    | 0.04             | 0.08   | 0.08    | 0.09      | 0.09    | 0.09           | 0.09       | 0.10       | 0.11       | 0.11       | 0.11       |
| 28     | Others  | 4.26        | 3.00    | 7.67       | 2.80    | 1.27       | 2.67    | 5.34       | 5.34    | 5.99             | 6.34   | 6.72    | 7.12      | 7.12    | 7.12           | 7.12       | 7.12       | 7.12       | 7.12       | 7.12       |
| 29     | Gross A & G Expenses                          | 48.63       | 58.57   | 66.07      | 58.55   | 24.00      | 28.59   | 56.39      | 28.59   | 24.00            | 56.39  | 63.27   | 70.98     | 75.19   | 59.73          | 63.27      | 67.02      | 70.98      | 75.19      | 75.19      |
| 30     | Less: Expenses Capitalised                    | 0.00        | 0.00    | 0.00       | 0.00    | 0.00       | 0.00    | 0.00       | 0.00    | 0.00             | 0.00   | 0.00    | 0.00      | 0.00    | 0.00           | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       |
| 31     | Net A & G Expenses                            | 48.63       | 58.57   | 66.07      | 58.55   | 24.00      | 28.59   | 56.39      | 28.59   | 24.00            | 56.39  | 63.27   | 70.98     | 75.19   | 59.73          | 63.27      | 67.02      | 70.98      | 75.19      | 75.19      |









**The Singareni Collieries Company Ltd**  
**Singareni Thermal Power Project**  
**Form 3: Summary of Capital Expenditure and Capitalisation**

| S. No. | Particulars                         | Year (n-1)       |          |                     |                  | Current Year 'n' |           |            |           | Control Period |            |            |            |  |
|--------|-------------------------------------|------------------|----------|---------------------|------------------|------------------|-----------|------------|-----------|----------------|------------|------------|------------|--|
|        |                                     | FY 2022-23       |          | FY 2023-24          |                  | FY 2023-24       |           | FY 2024-25 |           | FY 2025-26     | FY 2026-27 | FY 2027-28 | FY 2028-29 |  |
|        |                                     | MYT/Tariff Order | Apr-Mar  | True-Up requirement | MYT/Tariff Order | Apr-Sep          | Oct-Mar   | Apr-Mar    | n+1       | n+2            | n+3        | n+4        | n+5        |  |
|        | Approved                            | Audited          | Claimed  | Approved            | Actual           | Estimated        | Estimated | Projected  | Projected | Projected      | Projected  | Projected  |            |  |
| 1      | Opening Capital cost                | 7745.32          | 7,745.32 | 7745.32             | 7745.32          | 7762.28          | 7762.28   | 7805.62    | 7826.39   | 7826.39        | 7826.39    | 7826.39    |            |  |
| 2      | Capital Expenditure during the year | 0                | 16.96    | 16.96               | 0                | 1.75             | 43.35     | 20.77      | 0.00      | 0.00           | 0.00       | 0.00       |            |  |
| 3      | Capitalisation during the year      | 0                | 16.96    | 16.96               | 0                | 1.75             | 43.35     | 20.77      | 0.00      | 0.00           | 0.00       | 0.00       |            |  |
| 4      | Closing Capital cost                | 7745.32          | 7762.28  | 7762.28             | 7745.32          | 7764.03          | 7805.62   | 7826.39    | 7826.39   | 7826.39        | 7826.39    | 7826.39    |            |  |



The Singareni Collieries Company Ltd  
Singareni Thermal Power Project  
Form 3.1: Statement of Additional Capitalisation after COD

| S. No. | FY                   | Name of the package (BTG, BOP, Civil Works etc.)   | Name of the work   | Total estimated cost* (Rs. Crore) | Capital expenditure during the year (Rs. Crore) | Capitalisation during the year (Rs. Crore) | Asset group under which the capitalisation has been accounted (Land, Buildings, etc.) | Scope of work  | Relevant Clause of the TSERC NVT Regulation, 2023 under which the capitalisation has been claimed | Justification   |
|--------|----------------------|--|--|-----------------------------------|---|--|---|--|---|---|
|        | Year (t-1)           |  |  |                                   |   |  |   |  |   |   |
| 1      |                      | BOP  | Admin Building works covered under BOP package                                     | 1.79                              | 1.79  | 1.79                                       | Building  | Admin Building works covered under BOP package                                     |   |   |
| 2      |                      | Land   | Enhancement compensation for land at elakanti village                              | 0.05                              | 0.05  | 0.05                                       | Land  | Enhancement compensation for land at elakanti village                              |   |   |
| 3      |                      | Survey & Soil Investigation                        | Automatic levelling instrument & long range Electronic Station for Survey          | 0.09                              | 0.09  | 0.09                                       | Survey & Soil Investigation   | Automatic levelling instrument & long range Electronic Station for Survey          | 7.19.1.(b) TS 01 of 2019  |   |
| 4      |                      | Site Dev, Enabling, Temp Sheds etc.                | Construction shed for lube oil and One Store shed                                  | 1.48                              | 1.48  | 1.48                                       | Site Dev, Enabling, Temp Sheds etc.   | Construction shed for lube oil and One Store shed                                  |   |   |
| 5      |                      | Coal Transport Roads out of BOP savings            | Retaining wall around coal stock yard & Jaw Crusher                                | 1.02                              | 1.02  | 1.02                                       | Coal Transport Roads out of BOP savings   | Retaining wall around coal stock yard & Jaw Crusher                                |   |   |
| 6      |                      | Reservoir  | Procured various pipes   | 3.68                              | 3.68  | 3.68                                       | Reservoir   | Procured various pipes   |   |   |
| 7      | 2022-23              | Gate complex Security etc                          | Construction of Merchandise,armoury Building and equipments to Security            | 0.84                              | 0.84  | 0.84                                       | Gate complex Security etc   | Construction of Merchandise,armoury Building and equipments to Security            | 7.19.1.(b), 7.19.1.(f) TS 01 of 2019  | The works are within the original scope and spilled over to current control period. In view of this, Honble Commission may be pleased to allow the same under regulation 7.19.1. (b) of Tariff regulation 01 of 2019. |
| 8      |                      | Railway Sliding                                    | OHE lines and cables   | 2.34                              | 2.34  | 2.34                                       | Railway Sliding   | OHE lines and cables   |   |   |
| 9      |                      | Township & Guest House & other amenities           | Construction of Quarters and other amenities                                       | 4.19                              | 4.19  | 4.19                                       | Township & Guest House & other amenities  | Construction of Quarters and other amenities                                       |   |   |
| 10     |                      | Environment  | water sprinklers for dust suppression  | 0.12                              | 0.12  | 0.12                                       | Environment   | water sprinklers for dust suppression  |   |   |
| 11     |                      | Mandatory capital expenditure under MoEF clearance | RO plants in surrounding villages, High level bridge on sheipatti village & others | 0.19                              | 0.19  | 0.19                                       | Mandatory capital expenditure under MoEF clearance                                    | RO plants in surrounding villages, High level bridge on sheipatti village & others | 7.19.1.(b) TS 01 of 2019  |   |
| 12     |                      | Weight bridges fire tender etc                     | 120T static rail weigh bridge & 120 T Inmotion weigh bridge                        | 0.79                              | 0.79  | 0.79                                       | Weight bridges fire tender etc  | 120T static rail weigh bridge & 120 T Inmotion weigh bridge                        |   |   |
| 13     |                      | Furniture & office automation                      | Executive chairs, Cabinets etc for office purpose                                  | 0.38                              | 0.38  | 0.38                                       | Furniture & office automation   | Executive chairs, Cabinets etc for office purpose                                  |   |   |
|        | Total                |  |  | 16.96                             | 16.96   | 16.96                                      |   |  |   |   |
|        | Current Year 't'     |  |  |                                   |   |  |   |  |   |   |
|        | 2023-24              |  |  |                                   |   |  |   |  |   |   |
| 1      |                      | BTG  | 100 TPH air conditioner complete assembly  | 0.32                              | 0.32  | 0.32                                       | BTG   | 100 TPH air conditioner complete assembly  | 7.19.1.(b) TS 01 of 2019  |   |
| 2      |                      | BOP  | Admin building works   | 0.46                              | 0.46  | 0.46                                       | BOP   | Admin building works   |   |   |
| 3      |                      | Reservoir  | Procured various pipes   | 0.15                              | 0.15  | 0.15                                       | Reservoir   | Procured various pipes   |   |   |
| 4      |                      | Gate Complex, Security, etc.                       | Equipment for security   | 0.00                              | 0.00  | 0.00                                       | Gate Complex, Security, etc.  | Equipment for security   |   |   |
| 5      | April - September-23 | Railway Sliding                                    | Laying of 33kV/11kV/3.3kV OHT Lines  | 0.23                              | 0.23  | 0.23                                       | Railway Sliding   | Laying of 33kV/11kV/3.3kV OHT Lines  | 7.19.1.(b) TS 01 of 2019  | The works are within the original scope and spilled over to current control period. In view of this, Honble Commission may be pleased to allow the same under regulation 7.19.1. (b) of Tariff regulation 01 of 2019. |
| 6      |                      | Township & Guest House & other amenities           | Construction of Quarters and other amenities                                       | 0.45                              | 0.45  | 0.45                                       | Township & Guest House & other amenities  | Construction of Quarters and other amenities                                       |   |   |
| 7      |                      | Mandatory capital expenditure under MoEF clearance | CSR works in near by villages  | 0.04                              | 0.04  | 0.04                                       | Mandatory capital expenditure under MoEF clearance                                    | CSR works in near by villages  | 7.19.1.(b) TS 01 of 2019  |   |
| 8      |                      | Furniture & office automation                      | Furniture for Admin and service buildings  | 0.09                              | 0.09  | 0.09                                       | Furniture & office automation   | Furniture for Admin and service buildings  |   |   |
|        | Sub-total            |  |  | 1.75                              | 1.75  | 1.75                                       |   |  |   |   |

The Singareni Collieries Company Ltd  
 Singareni Thermal Power Project  
 Form 3.1: Statement of Additional Capitalisation after COD

| S. No. | FY                       | Name of the package (BTG, BOP, Civil Works etc.)       | Names of the work  | Total estimated cost* (Rs. Crore) | Capital expenditure during the year (Rs. Crore) | Capitalisation during the year (Rs. Crore) | Asset group under which the capitalisation has been accounted (Land, Buildings, etc.) | Scope of work   | Relevant Clause of the TSERC MYT Regulation, 2023 under which the capitalisation has been claimed | Justification  |  |
|--------|--------------------------|--|--|-----------------------------------|---|--|---|---|---|--|--|
|        | Projections              |  |  |                                   |   |  |   |   |   |  |  |
| 1      | Oct-23 to march-24       | BTG  | Generator Exciter Assembly and Repair of Generator Rotor | 38.31                             | 38.31   | 38.31                                      | BTG   | Generator Exciter Assembly and Repair of Generator Rotor  | 7.19.1.(b) TS 01 of 2019  | STPP purchased one generator exciter assembly for exigencies as both the units are of same capacity and as the lead time for purchase of generator exciter assembly is very high i.e. around 1 year. In view of this, Honble Commission may be pleased to allow the same under regulation 7.19.1. (b) of Tariff regulation 01 of 2019.   |  |
| 2      |                          | Land   | Enhanced Compensation for land                           | 2.91                              | 2.91  | 2.91                                       | Land  | Enhanced Compensation for   |   | The works got delayed as the original contractor left the site without completing the works. Balance works are allotted to other contractor for finishing as per the original scope.   |  |
| 3      |                          | Township & Guest House & other amenities               | Construction of Quarters and other amenities             | 0.37                              | 0.37  | 0.37                                       | Township & Guest House & other amenities  | Construction of Quarters and other amenities  | 7.19.1.(b) TS 01 of 2019  |  |  |
|        | Sub-total                |  |  | 41.59                             | 41.59   | 41.59                                      |   |   |   |  |  |
|        | Total                    |  |  | 43.35                             | 43.35   | 43.35                                      |   |   |   |  |  |
|        | Year (n+1)               |  |  |                                   |   |  |   |   |   |  |  |
| 1      | FY 2024-25               | Implementation of flexible operation scheme as per CEA | Implementation of flexible operation scheme as per CEA   | 20.77                             | 20.77   | 20.77                                      | Plant & machinery   | 1) Supply of Advance Process control (APC) server; suitable panels with server (Workstation) to be installed in the control room.<br>2) The network interlinking cable between existing DCS and APC<br>3) Low flow operation package for Axial fans<br>4) BFP low flow operation package<br>5) Enriching of coal burners for minimum 3 no's of elevation<br>6) Health monitoring system for Boiler (BOSMON)<br>7) Turbine Stress monitoring system (TSCMON) | 22.3 (i) : Change in law or compliance of any existing law  | 1) Flexible operation of existing coal-fired power plants is very much required to ensure security, reliability of power supply and stability of electricity grids while maximizing generation from renewable energies sources (RES) & integration of the same into grid.<br>2) Accordingly, CEA issued new regulations on 30.01.23 for implementation of flexible operation schemes in coal based thermal power plants. As per the new regulations, the minimum unit generation should be reduced to 40% (i.e., 240 MW) of maximum continuous rating of unit (i.e., 600 MW) and minimum ramp rate capability should be 3% per minute (i.e., 18 MW/min) between 100% to 70% (i.e., between 600 MW-420 MW) of maximum continuous rating, 2% per minute (i.e., 12 MW/min) between 70% to 55% (i.e., between 420 MW to 330 MW) of maximum continuous rating and 1% per minute (i.e., 06 MW/min) between 55% to 40% of maximum continuous rating (330 MW to 240 MW). These regulations should be complied within one year from the date of the notification of the regulations.<br>3) CEA further notified on 15.12.23, the phasing plan of various coal based thermal Generating units. Based on the phasing plan approved by CEA, SCCL Unit-1 and Unit-2 should implement flexible operation scheme by January 2025 and March 2025 respectively. |  |
|        | Total                    |  |  | 20.77                             | 20.77   | 20.77                                      |   |   |   |  |  |
| 1      | Year (n+2)<br>FY 2025-26 | Nil  | Nil  | 0                                 | 0   | 0  |   |   |   |  |  |
|        | Total                    |  |  | 0                                 | 0   | 0  |   |   |   |  |  |
| 1      | Year (n+3)<br>FY 2026-27 | Nil  | Nil  | 0                                 | 0   | 0  |   |   |   |  |  |
|        | Total                    |  |  | 0                                 | 0   | 0  |   |   |   |  |  |
| 1      | Year (n+4)<br>FY 2027-28 | Nil  | Nil  | 0                                 | 0   | 0  |   |   |   |  |  |
|        | Total                    |  |  | 0                                 | 0   | 0  |   |   |   |  |  |
| 1      | Year (n+5)<br>FY 2028-29 | Nil  | Nil  | 0                                 | 0   | 0  |   |   |   |  |  |
|        | Total                    |  |  | 0                                 | 0   | 0  |   |   |   |  |  |

\* Total estimated cost to be supported by documentary evidences like work orders, investment approvals etc.

The Singareni Collieries Company Ltd  
Singareni Thermal Power Project  
Form 3.2: Financing of Additional Capitalisation

| S. No. | Particulars               | Year (n-1) |           | Current Year 'n' |           |            |           | Control Period |           |            |           |            |           |            |     |
|--------|---------------------------|------------|-----------|------------------|-----------|------------|-----------|----------------|-----------|------------|-----------|------------|-----------|------------|-----|
|        |                           | FY 2022-23 |           | FY 2023-24       |           | FY 2024-25 |           | FY 2025-26     |           | FY 2026-27 |           | FY 2027-28 |           | FY 2028-29 |     |
|        |                           | n-1        | n-1       | Apr-Sep          | Oct-Mar   | Apr - Mar  | n+1       | n+2            | n+3       | n+4        | n+5       | n+4        | n+5       | n+4        | n+5 |
|        |                           | Actual     | Estimated | Estimated        | Projected | Projected  | Projected | Projected      | Projected | Projected  | Projected | Projected  | Projected | Projected  |     |
| 1      | Additional capitalisation | 16.96      | 1.75      | 41.59            | 43.35     | 20.77      | 0.00      | 0.00           | 0.00      | 0.00       | 0.00      | 0.00       | 0.00      | 0.00       |     |
| 2      | Financing Details         |            |           |                  |           |            |           |                |           |            |           |            |           |            |     |
|        | Loan 1                    | 0.00       | 0.00      | 0.00             | 0.00      | 0.00       | 0.00      | 0.00           | 0.00      | 0.00       | 0.00      | 0.00       | 0.00      | 0.00       |     |
|        | Loan 2                    | 0.00       | 0.00      | 0.00             | 0.00      | 0.00       | 0.00      | 0.00           | 0.00      | 0.00       | 0.00      | 0.00       | 0.00      | 0.00       |     |
|        | <b>Total Loan</b>         | 0.00       | 0.00      | 0.00             | 0.00      | 0.00       | 0.00      | 0.00           | 0.00      | 0.00       | 0.00      | 0.00       | 0.00      | 0.00       |     |
| 3      | Equity                    | 16.96      | 1.75      | 41.59            | 43.35     | 20.77      | 0.00      | 0.00           | 0.00      | 0.00       | 0.00      | 0.00       | 0.00      | 0.00       |     |
| 4      | Internal Resources        | 0          | 0.00      | 0.00             | 0.00      | 0.00       | 0.00      | 0.00           | 0.00      | 0.00       | 0.00      | 0.00       | 0.00      | 0.00       |     |
| 5      | Others (Please Specify)   | 0          | 0.00      | 0.00             | 0.00      | 0.00       | 0.00      | 0.00           | 0.00      | 0.00       | 0.00      | 0.00       | 0.00      | 0.00       |     |
| 6      | <b>Total (2+3+4+5)</b>    | 16.96      | 1.75      | 41.59            | 43.35     | 20.77      | 0.00      | 0.00           | 0.00      | 0.00       | 0.00      | 0.00       | 0.00      | 0.00       |     |

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The Singareni Collieries Company Ltd  
Singareni Thermal Power Project  
Form 4: Fixed Assets & Depreciation

(Rs. Crore)

| S.No. | Asset Group  | A/c Code | Rate of Depreciation              | Gross fixed Assets           |                           |                      | Provisions for depreciation |   |                           | Net fixed Assets        |                                   |                              |                        |
|-------|--|----------|-----------------------------------|------------------------------|---------------------------|----------------------|-----------------------------|---|---------------------------|-------------------------|-----------------------------------|------------------------------|------------------------|
|       |  |          |                                   | At the beginning of the year | Additions during the year | Adjust. & deductions | At the end of the year      | Cumulative upto the beginning of the year | Additions during the year | Adjust. during the year | Cumulative at the end of the year | At the beginning of the year | At the end of the year |
| 1     | BTG package  |          | 5.28%                             | 4930.11                      | 0.00                      | 0.00                 | 4930.11                     | 1281.20                                   | 260.31                    | 0.00                    | 1541.51                           | 3648.92                      | 3388.61                |
| 2     | BOP package  |          | 5.28%                             | 1011.45                      | 1.79                      | 0.00                 | 1013.24                     | 254.93                                    | 53.45                     | 0.00                    | 308.38                            | 756.51                       | 704.85                 |
| 3     | Land   |          | 0.00%                             | 53.06                        | 0.05                      | 0.00                 | 53.11                       | 0.00                                      | 0.00                      | 0.00                    | 0.00                              | 53.06                        | 53.11                  |
| 4     | Survey & soil investigation                                |          | 5.28%                             | 0.05                         | 0.09                      | 0.00                 | 0.14                        | 0.01                                      | 0.01                      | 0.00                    | 0.01                              | 0.04                         | 0.13                   |
| 5     | Site Dev, Enabling, temp Sheds etc.                        |          | 5.28%                             | 23.47                        | 1.48                      | 0.00                 | 24.95                       | 6.13                                      | 1.28                      | 0.00                    | 7.41                              | 17.34                        | 17.54                  |
| 6     | Roads & Culverts   |          | 3.34%                             | 13.07                        | 1.02                      | 0.00                 | 14.09                       | 2.09                                      | 0.45                      | 0.00                    | 2.55                              | 10.98                        | 11.54                  |
| 7     | Coal Transport Roads out of BOP savings                    |          | 3.34%                             | 47.32                        | 3.55                      | 0.00                 | 50.87                       | 7.45                                      | 1.64                      | 0.00                    | 9.09                              | 39.88                        | 41.79                  |
| 8     | Boundary Walls   |          | 3.34%                             | 17.19                        | 0.00                      | 0.00                 | 17.19                       | 2.87                                      | 0.57                      | 0.00                    | 3.44                              | 14.33                        | 13.75                  |
| 9     | Reservoir  |          | 3.34%                             | 54.93                        | 0.13                      | 0.00                 | 55.06                       | 8.60                                      | 1.84                      | 0.00                    | 10.43                             | 46.33                        | 44.63                  |
| 10    | Water supply-1 TMC   |          | 5.28%                             | 84.22                        | 0.00                      | 0.00                 | 84.22                       | 22.20                                     | 4.45                      | 0.00                    | 26.65                             | 62.02                        | 57.57                  |
| 11    | Water supply-2 TMC   |          | 5.28%                             | 319.35                       | 0.00                      | 0.00                 | 319.35                      | 77.53                                     | 16.86                     | 0.00                    | 94.39                             | 241.82                       | 224.96                 |
| 12    | Gate Complex, Security, etc.                               |          | 3.34%                             | 2.24                         | 0.84                      | 0.00                 | 3.08                        | 0.25                                      | 0.09                      | 0.00                    | 0.33                              | 1.99                         | 2.74                   |
| 13    | Railway Siding   |          | 5.28%                             | 346.33                       | 2.34                      | 0.00                 | 348.67                      | 70.75                                     | 18.35                     | 0.00                    | 89.10                             | 275.58                       | 259.57                 |
| 14    | Township & Guest House & other amenities                   |          | 3.34%                             | 117.20                       | 4.19                      | 0.00                 | 121.39                      | 15.80                                     | 3.98                      | 0.00                    | 19.78                             | 101.40                       | 101.61                 |
| 15    | Environment  |          | 3.34%                             | 1.25                         | 0.12                      | 0.00                 | 1.37                        | 0.18                                      | 0.04                      | 0.00                    | 0.22                              | 1.07                         | 1.15                   |
| 16    | CSR  |          | 3.34%                             | 18.28                        | 0.19                      | 0.00                 | 18.48                       | 2.34                                      | 0.61                      | 0.00                    | 2.95                              | 15.94                        | 15.52                  |
| 17    | Weigh Bridges, Fire Tender                                 |          | 5.28%                             | 1.49                         | 0.79                      | 0.00                 | 2.27                        | 0.28                                      | 0.10                      | 0.00                    | 0.38                              | 1.21                         | 1.89                   |
| 18    | Start up Power & common Equipment                          |          | 5.28%                             | 49.01                        | 0.00                      | 0.00                 | 49.01                       | 12.68                                     | 2.59                      | 0.00                    | 15.26                             | 36.33                        | 33.75                  |
| 19    | Construction Power   |          | 5.28%                             | 24.40                        | 0.00                      | 0.00                 | 24.40                       | 6.46                                      | 1.29                      | 0.00                    | 7.74                              | 17.94                        | 16.66                  |
| 20    | Furniture & office automation                              |          | 6.33%                             | 5.15                         | 0.38                      | 0.00                 | 5.53                        | 1.24                                      | 0.34                      | 0.00                    | 1.58                              | 3.91                         | 3.95                   |
| 21    | Misc. Expenditure  |          | 5.28%                             | 7.31                         | 0.00                      | 0.00                 | 7.31                        | 1.58                                      | 0.39                      | 0.00                    | 1.97                              | 5.73                         | 5.35                   |
| 22    | BAY, CT and CVT  |          | 5.28%                             | 30.74                        | 0.00                      | 0.00                 | 30.74                       | 5.63                                      | 1.62                      | 0.00                    | 7.25                              | 25.11                        | 23.49                  |
| 23    | Other common expenditure to be apportioned to above heads. |          | Yearly wt average of above rates. | 1556.14                      | 0.00                      | 0.00                 | 1556.14                     | 400.09                                    | 80.31                     | 0.00                    | 480.40                            | 1156.05                      | 1075.74                |
| 24    | Total  |          |                                   | 8713.78                      | 16.96                     | 0.00                 | 8730.73                     | 2180.26                                   | 450.57                    | 0.00                    | 2630.83                           | 6533.51                      | 6099.90                |
| 25    | Average  |          |                                   |                              |                           |                      | 8722.26                     |   | 5.17%                     |                         |                                   |                              |                        |

The Singareni Collieries Company Ltd  
Singareni Thermal Power Project  
Form 4: Fixed Assets & Depreciation

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(Rs. Crore)

| S.No. | Asset Group  | A/c Code | Rate of Depreciation              | Gross fixed Assets           |   |                              | Provisions for depreciation |   |                           |                         | Net fixed Assets                  |                              |                        |
|-------|--|----------|-----------------------------------|------------------------------|---|------------------------------|-----------------------------|---|---------------------------|-------------------------|-----------------------------------|------------------------------|------------------------|
|       |  |          |                                   | At the beginning of the year | Additions during the year up to sept-23 | Projections oct-23 to Mar-24 | At the end of the year      | Cumulative upto the beginning of the year | Additions during the year | Adjust. during the year | Cumulative at the end of the year | At the beginning of the year | At the end of the year |
| 1     | BTG package  |          | 5.28%                             | 4930.11                      | 0.32                                    | 38.31                        | 4968.75                     | 1541.51                                   | 261.33                    | 0.00                    | 1802.84                           | 3388.61                      | 3165.91                |
| 2     | BOP package  |          | 5.28%                             | 1013.24                      | 0.43                                    | 0.00                         | 1013.67                     | 308.38                                    | 53.51                     | 0.00                    | 361.89                            | 704.85                       | 651.77                 |
| 3     | Land   |          | 0.00%                             | 53.11                        | 0.00                                    | 2.91                         | 56.02                       | 0.00                                      | 0.00                      | 0.00                    | 0.00                              | 53.11                        | 56.02                  |
| 4     | Survey & soil investigation                                |          | 5.28%                             | 0.14                         | 0.00                                    | 0.00                         | 0.14                        | 0.01                                      | 0.01                      | 0.00                    | 0.02                              | 0.13                         | 0.12                   |
| 5     | Site Dev, Enabling, temp. Sheds etc.                       |          | 5.28%                             | 24.95                        | 0.00                                    | 0.00                         | 24.95                       | 7.41                                      | 1.32                      | 0.00                    | 8.73                              | 17.54                        | 16.22                  |
| 6     | Roads & Culverts   |          | 3.34%                             | 14.09                        | 0.00                                    | 0.00                         | 14.09                       | 2.55                                      | 0.47                      | 0.00                    | 3.02                              | 11.54                        | 11.07                  |
| 7     | Coal Transport Roads out of BOP savings                    |          | 3.34%                             | 50.87                        | 0.07                                    | 0.00                         | 50.95                       | 9.09                                      | 1.70                      | 0.00                    | 10.79                             | 41.79                        | 40.16                  |
| 8     | Boundary Walls   |          | 3.34%                             | 17.19                        | 0.00                                    | 0.00                         | 17.19                       | 3.44                                      | 0.57                      | 0.00                    | 4.02                              | 13.75                        | 13.18                  |
| 9     | Reservoir  |          | 3.34%                             | 55.06                        | 0.08                                    | 0.00                         | 55.14                       | 10.43                                     | 1.84                      | 0.00                    | 12.27                             | 44.63                        | 42.86                  |
| 10    | Water supply-1 TMC   |          | 5.28%                             | 84.22                        | 0.00                                    | 0.00                         | 84.22                       | 26.65                                     | 4.45                      | 0.00                    | 31.09                             | 57.57                        | 53.13                  |
| 11    | Water supply-2 TMC   |          | 5.28%                             | 319.35                       | 0.00                                    | 0.00                         | 319.35                      | 94.39                                     | 16.86                     | 0.00                    | 111.25                            | 224.96                       | 208.10                 |
| 12    | Gate Complex, Security, etc.                               |          | 3.34%                             | 3.08                         | 0.04                                    | 0.00                         | 3.12                        | 0.33                                      | 0.10                      | 0.00                    | 0.44                              | 2.74                         | 2.68                   |
| 13    | Railway Siding   |          | 5.28%                             | 348.67                       | 0.23                                    | 0.00                         | 348.90                      | 89.10                                     | 18.42                     | 0.00                    | 107.51                            | 259.57                       | 241.39                 |
| 14    | Township & Guest House & other amenities                   |          | 3.34%                             | 121.39                       | 0.45                                    | 0.37                         | 122.21                      | 19.78                                     | 4.07                      | 0.00                    | 23.85                             | 101.61                       | 98.36                  |
| 15    | Environment  |          | 3.34%                             | 1.37                         | 0.04                                    | 0.00                         | 1.42                        | 0.22                                      | 0.05                      | 0.00                    | 0.27                              | 1.15                         | 1.15                   |
| 16    | CSR  |          | 3.34%                             | 18.48                        | 0.00                                    | 0.00                         | 18.48                       | 2.95                                      | 0.62                      | 0.00                    | 3.57                              | 15.52                        | 14.91                  |
| 17    | Weigh Bridges, Fire Tender                                 |          | 5.28%                             | 2.27                         | 0.00                                    | 0.00                         | 2.27                        | 0.38                                      | 0.12                      | 0.00                    | 0.50                              | 1.89                         | 1.77                   |
| 18    | Start up Power & common Equipment                          |          | 5.28%                             | 49.01                        | 0.00                                    | 0.00                         | 49.01                       | 15.26                                     | 2.59                      | 0.00                    | 17.85                             | 33.75                        | 31.16                  |
| 19    | Construction Power   |          | 5.28%                             | 24.40                        | 0.00                                    | 0.00                         | 24.40                       | 7.74                                      | 1.29                      | 0.00                    | 9.03                              | 16.66                        | 15.37                  |
| 20    | Furniture & office automation                              |          | 6.33%                             | 5.53                         | 0.09                                    | 0.00                         | 5.62                        | 1.58                                      | 0.35                      | 0.00                    | 1.93                              | 3.95                         | 3.69                   |
| 21    | Misc. Expenditure  |          | 5.28%                             | 7.31                         | 0.00                                    | 0.00                         | 7.31                        | 1.97                                      | 0.39                      | 0.00                    | 2.35                              | 5.35                         | 4.96                   |
| 22    | BAY, CT and CVT  |          | 5.28%                             | 30.74                        | 0.00                                    | 0.00                         | 30.74                       | 7.25                                      | 1.62                      | 0.00                    | 8.87                              | 23.49                        | 21.87                  |
| 23    | Other common expenditure to be apportioned to above heads. |          | Yearly wt average of above rates. | 1556.14                      | 0.00                                    | 0.00                         | 1556.14                     | 480.40                                    | 80.13                     | 0.00                    | 560.53                            | 1075.74                      | 995.62                 |
| 24    | Total  |          |                                   | 8730.73                      | 1.75                                    | 41.59                        | 8774.08                     | 2630.83                                   | 451.80                    | 0.00                    | 3082.63                           | 6099.90                      | 5691.45                |
| 25    | Average  |          |                                   |                              |   |                              | 8752.41                     |   | 5.16%                     |                         |                                   |                              |                        |

The Singareni Collieries Company Ltd  
Singareni Thermal Power Project  
Form 4: Fixed Assets & Depreciation

(Rs. Crore)

| S.No. | Asset Group  | A/c Code | Rate of Depreciation              | Gross fixed Assets           |                           |                      | Provisions for depreciation |   |                           | Net fixed Assets        |                                   |                              |                        |
|-------|--|----------|-----------------------------------|------------------------------|---------------------------|----------------------|-----------------------------|---|---------------------------|-------------------------|-----------------------------------|------------------------------|------------------------|
|       |  |          |                                   | At the beginning of the year | Additions during the year | Adjust. & deductions | At the end of the year      | Cumulative upto the beginning of the year | Additions during the year | Adjust. during the year | Cumulative at the end of the year | At the beginning of the year | At the end of the year |
| 1     | BTG package  |          | 5.28%                             | 4968.75                      | 20.77                     | 0.00                 | 4989.52                     | 1802.84                                   | 262.90                    | 0.00                    | 2065.73                           | 3165.91                      | 2923.78                |
| 2     | BOP package  |          | 5.28%                             | 1013.67                      | 0.00                      | 0.00                 | 1013.67                     | 361.89                                    | 53.52                     | 0.00                    | 415.42                            | 651.77                       | 598.25                 |
| 3     | Land   |          | 0.00%                             | 56.02                        | 0.00                      | 0.00                 | 56.02                       | 0.00                                      | 0.00                      | 0.00                    | 0.00                              | 56.02                        | 56.02                  |
| 4     | Survey & soil investigation                                |          | 5.28%                             | 0.14                         | 0.00                      | 0.00                 | 0.14                        | 0.02                                      | 0.01                      | 0.00                    | 0.03                              | 0.12                         | 0.11                   |
| 5     | Site Dev, Enabling, temp Sheds etc.                        |          | 5.28%                             | 24.95                        | 0.00                      | 0.00                 | 24.95                       | 8.73                                      | 1.32                      | 0.00                    | 10.05                             | 16.22                        | 14.90                  |
| 6     | Roads & Culverts   |          | 3.34%                             | 14.09                        | 0.00                      | 0.00                 | 14.09                       | 3.02                                      | 0.47                      | 0.00                    | 3.49                              | 11.07                        | 10.60                  |
| 7     | Coal Transport Roads out of BOP savings                    |          | 3.34%                             | 50.95                        | 0.00                      | 0.00                 | 50.95                       | 10.79                                     | 1.70                      | 0.00                    | 12.49                             | 40.16                        | 38.46                  |
| 8     | Boundary Walls   |          | 3.34%                             | 17.19                        | 0.00                      | 0.00                 | 17.19                       | 4.02                                      | 0.57                      | 0.00                    | 4.59                              | 13.18                        | 12.60                  |
| 9     | Reservoir  |          | 3.34%                             | 55.14                        | 0.00                      | 0.00                 | 55.14                       | 12.27                                     | 1.84                      | 0.00                    | 14.11                             | 42.86                        | 41.02                  |
| 10    | Water supply-1 TMC   |          | 5.28%                             | 84.22                        | 0.00                      | 0.00                 | 84.22                       | 31.09                                     | 4.45                      | 0.00                    | 35.54                             | 53.13                        | 48.68                  |
| 11    | Water supply-2 TMC   |          | 5.28%                             | 319.35                       | 0.00                      | 0.00                 | 319.35                      | 111.25                                    | 16.86                     | 0.00                    | 128.11                            | 208.10                       | 191.24                 |
| 12    | Gate Complex, Security, etc.                               |          | 3.34%                             | 3.12                         | 0.00                      | 0.00                 | 3.12                        | 0.44                                      | 0.10                      | 0.00                    | 0.54                              | 2.68                         | 2.57                   |
| 13    | Railway Siding   |          | 5.28%                             | 348.90                       | 0.00                      | 0.00                 | 348.90                      | 107.51                                    | 18.42                     | 0.00                    | 125.93                            | 241.39                       | 222.97                 |
| 14    | Township & Guest House & other amenities                   |          | 3.34%                             | 122.21                       | 0.00                      | 0.00                 | 122.21                      | 23.85                                     | 4.08                      | 0.00                    | 27.93                             | 98.36                        | 94.28                  |
| 15    | Environment  |          | 3.34%                             | 1.42                         | 0.00                      | 0.00                 | 1.42                        | 0.27                                      | 0.05                      | 0.00                    | 0.32                              | 1.15                         | 1.10                   |
| 16    | CSR  |          | 3.34%                             | 18.48                        | 0.00                      | 0.00                 | 18.48                       | 3.57                                      | 0.62                      | 0.00                    | 4.19                              | 14.91                        | 14.29                  |
| 17    | Weigh Bridges, Fire Tender                                 |          | 5.28%                             | 2.27                         | 0.00                      | 0.00                 | 2.27                        | 0.50                                      | 0.12                      | 0.00                    | 0.62                              | 1.77                         | 1.65                   |
| 18    | Start up Power & common Equipment                          |          | 5.28%                             | 49.01                        | 0.00                      | 0.00                 | 49.01                       | 17.85                                     | 2.59                      | 0.00                    | 20.44                             | 31.16                        | 28.57                  |
| 19    | Construction Power   |          | 5.28%                             | 24.40                        | 0.00                      | 0.00                 | 24.40                       | 9.03                                      | 1.29                      | 0.00                    | 10.32                             | 15.37                        | 14.08                  |
| 20    | Furniture & office automation                              |          | 6.33%                             | 5.62                         | 0.00                      | 0.00                 | 5.62                        | 1.93                                      | 0.36                      | 0.00                    | 2.29                              | 3.69                         | 3.33                   |
| 21    | Misc. Expenditure  |          | 5.28%                             | 7.31                         | 0.00                      | 0.00                 | 7.31                        | 2.35                                      | 0.39                      | 0.00                    | 2.74                              | 4.96                         | 4.58                   |
| 22    | BA,Y,CT and CVT  |          | 5.28%                             | 30.74                        | 0.00                      | 0.00                 | 30.74                       | 8.87                                      | 1.62                      | 0.00                    | 10.50                             | 21.87                        | 20.24                  |
| 23    | Other common expenditure to be apportioned to above heads. |          | Yearly wt average of above rates. | 1556.14                      | 0.00                      | 0.00                 | 1556.14                     | 560.53                                    | 80.24                     | 0.00                    | 640.77                            | 995.62                       | 915.37                 |
| 24    | Total  |          |                                   | 8774.08                      | 20.77                     | 0.00                 | 8794.85                     | 3082.63                                   | 453.52                    | 0.00                    | 3536.15                           | 5691.45                      | 5258.70                |
| 25    | Average  |          |                                   |                              |                           |                      | 8784.46                     |   | 5.16%                     |                         |                                   |                              |                        |

The Singareni Collieries Company Ltd  
Singareni Thermal Power Project  
Form 4: Fixed Assets & Depreciation

(Rs. Crore)

| S.No. | Asset Group  | A/c Code | Rate of Depreciation              | Gross fixed Assets           |                           |                      | Provisions for depreciation |   |                           | Net fixed Assets        |                                   |                              |                        |
|-------|--|----------|-----------------------------------|------------------------------|---------------------------|----------------------|-----------------------------|---|---------------------------|-------------------------|-----------------------------------|------------------------------|------------------------|
|       |  |          |                                   | At the beginning of the year | Additions during the year | Adjust. & deductions | At the end of the year      | Cumulative upto the beginning of the year | Additions during the year | Adjust. during the year | Cumulative at the end of the year | At the beginning of the year | At the end of the year |
| 1     | BIG package  |          | 5.28%                             | 4989.52                      | 0.00                      | 0.00                 | 4989.52                     | 2065.73                                   | 263.45                    | 0.00                    | 2329.18                           | 2923.78                      | 2660.34                |
| 2     | BOP package  |          | 5.28%                             | 1013.67                      | 0.00                      | 0.00                 | 1013.67                     | 415.42                                    | 53.52                     | 0.00                    | 468.94                            | 598.25                       | 544.73                 |
| 3     | Land   |          | 0.00%                             | 56.02                        | 0.00                      | 0.00                 | 56.02                       | 0.00                                      | 0.00                      | 0.00                    | 0.00                              | 56.02                        | 56.02                  |
| 4     | Survey & soil investigation                                |          | 5.28%                             | 0.14                         | 0.00                      | 0.00                 | 0.14                        | 0.03                                      | 0.01                      | 0.00                    | 0.04                              | 0.11                         | 0.10                   |
| 5     | Site Dev, Enabling, temp Sheds etc.                        |          | 5.28%                             | 24.95                        | 0.00                      | 0.00                 | 24.95                       | 10.05                                     | 1.32                      | 0.00                    | 11.36                             | 14.90                        | 13.58                  |
| 6     | Roads & Culverts   |          | 3.34%                             | 14.09                        | 0.00                      | 0.00                 | 14.09                       | 3.49                                      | 0.47                      | 0.00                    | 3.96                              | 10.60                        | 10.13                  |
| 7     | Coal Transport Roads out of BOP savings                    |          | 3.34%                             | 50.95                        | 0.00                      | 0.00                 | 50.95                       | 12.49                                     | 1.70                      | 0.00                    | 14.19                             | 38.46                        | 36.76                  |
| 8     | Boundary Walls   |          | 3.34%                             | 17.19                        | 0.00                      | 0.00                 | 17.19                       | 4.59                                      | 0.57                      | 0.00                    | 5.16                              | 12.60                        | 12.03                  |
| 9     | Reservoir  |          | 3.34%                             | 55.14                        | 0.00                      | 0.00                 | 55.14                       | 14.11                                     | 1.84                      | 0.00                    | 15.96                             | 41.02                        | 39.18                  |
| 10    | Water supply-1 TMC   |          | 5.28%                             | 84.22                        | 0.00                      | 0.00                 | 84.22                       | 35.54                                     | 4.45                      | 0.00                    | 39.99                             | 48.68                        | 44.23                  |
| 11    | Water supply-2 TMC   |          | 5.28%                             | 319.35                       | 0.00                      | 0.00                 | 319.35                      | 128.11                                    | 16.86                     | 0.00                    | 144.98                            | 191.24                       | 174.37                 |
| 12    | Gate Complex, Security, etc.                               |          | 3.34%                             | 3.12                         | 0.00                      | 0.00                 | 3.12                        | 0.54                                      | 0.10                      | 0.00                    | 0.65                              | 2.57                         | 2.47                   |
| 13    | Railway Siding   |          | 5.28%                             | 348.90                       | 0.00                      | 0.00                 | 348.90                      | 125.93                                    | 18.42                     | 0.00                    | 144.36                            | 222.97                       | 204.54                 |
| 14    | Township & Guest House & other amenities                   |          | 3.34%                             | 122.21                       | 0.00                      | 0.00                 | 122.21                      | 27.93                                     | 4.08                      | 0.00                    | 32.01                             | 94.28                        | 90.20                  |
| 15    | Environment  |          | 3.34%                             | 1.42                         | 0.00                      | 0.00                 | 1.42                        | 0.32                                      | 0.05                      | 0.00                    | 0.36                              | 1.10                         | 1.05                   |
| 16    | CSR  |          | 3.34%                             | 18.48                        | 0.00                      | 0.00                 | 18.48                       | 4.19                                      | 0.62                      | 0.00                    | 4.81                              | 14.29                        | 13.67                  |
| 17    | Weigh Bridges, Fire Tender                                 |          | 5.28%                             | 2.27                         | 0.00                      | 0.00                 | 2.27                        | 0.62                                      | 0.12                      | 0.00                    | 0.74                              | 1.65                         | 1.53                   |
| 18    | Start up Power & common Equipment                          |          | 5.28%                             | 49.01                        | 0.00                      | 0.00                 | 49.01                       | 20.44                                     | 2.59                      | 0.00                    | 23.03                             | 28.57                        | 25.98                  |
| 19    | Construction Power   |          | 5.28%                             | 24.40                        | 0.00                      | 0.00                 | 24.40                       | 10.32                                     | 1.29                      | 0.00                    | 11.61                             | 14.08                        | 12.79                  |
| 20    | Furniture & office automation                              |          | 6.33%                             | 5.62                         | 0.00                      | 0.00                 | 5.62                        | 2.29                                      | 0.36                      | 0.00                    | 2.65                              | 3.33                         | 2.98                   |
| 21    | Misc. Expenditure  |          | 5.28%                             | 7.31                         | 0.00                      | 0.00                 | 7.31                        | 2.74                                      | 0.39                      | 0.00                    | 3.12                              | 4.58                         | 4.19                   |
| 22    | BAY, CT and CVT  |          | 5.28%                             | 30.74                        | 0.00                      | 0.00                 | 30.74                       | 10.50                                     | 1.62                      | 0.00                    | 12.12                             | 20.24                        | 18.62                  |
| 23    | Other common expenditure to be apportioned to above heads. |          | Yearly wt average of above rates. | 1556.14                      | 0.00                      | 0.00                 | 1556.14                     | 640.77                                    | 80.36                     | 0.00                    | 721.14                            | 915.37                       | 835.01                 |
| 24    | Total  |          |                                   | 8794.85                      | 0.00                      | 0.00                 | 8794.85                     | 3536.15                                   | 454.19                    | 0.00                    | 3990.33                           | 5258.70                      | 4804.52                |
| 25    | Average  |          |                                   |                              |                           |                      | 8794.85                     |   | 5.16%                     |                         |                                   |                              |                        |

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The Singareni Collieries Company Ltd  
Singareni Thermal Power Project  
Form 4: Fixed Assets & Depreciation

(Rs. Crore)

| S.No. | Asset Group  | A/c Code | Rate of Depreciation              | Gross fixed Assets           |                           |                      | Provisions for depreciation |   |                           |                         | Net fixed Assets                  |                              |                        |
|-------|--|----------|-----------------------------------|------------------------------|---------------------------|----------------------|-----------------------------|---|---------------------------|-------------------------|-----------------------------------|------------------------------|------------------------|
|       |  |          |                                   | At the beginning of the year | Additions during the year | Adjust. & deductions | At the end of the year      | Cumulative upto the beginning of the year | Additions during the year | Adjust. during the year | Cumulative at the end of the year | At the beginning of the year | At the end of the year |
| 1     | BIG package  |          | 5.28%                             | 4989.52                      | 0.00                      | 0.00                 | 4989.52                     | 2329.18                                   | 263.45                    | 0.00                    | 2592.63                           | 2660.34                      | 2396.89                |
| 2     | BOP package  |          | 5.28%                             | 1013.67                      | 0.00                      | 0.00                 | 1013.67                     | 468.94                                    | 53.52                     | 0.00                    | 522.46                            | 544.73                       | 491.21                 |
| 3     | Land   |          | 0.00%                             | 56.02                        | 0.00                      | 0.00                 | 56.02                       | 0.00                                      | 0.00                      | 0.00                    | 0.00                              | 56.02                        | 56.02                  |
| 4     | Survey & soil investigation                                |          | 5.28%                             | 0.14                         | 0.00                      | 0.00                 | 0.14                        | 0.04                                      | 0.01                      | 0.00                    | 0.04                              | 0.10                         | 0.10                   |
| 5     | Site Dev, Enabling, temp Sheds etc.                        |          | 5.28%                             | 24.95                        | 0.00                      | 0.00                 | 24.95                       | 11.36                                     | 1.32                      | 0.00                    | 12.68                             | 13.58                        | 12.27                  |
| 6     | Roads & Culverts   |          | 3.34%                             | 14.09                        | 0.00                      | 0.00                 | 14.09                       | 3.96                                      | 0.47                      | 0.00                    | 4.43                              | 10.13                        | 9.66                   |
| 7     | Coal Transport Roads out of BOP savings                    |          | 3.34%                             | 50.95                        | 0.00                      | 0.00                 | 50.95                       | 14.19                                     | 1.70                      | 0.00                    | 15.89                             | 36.76                        | 35.06                  |
| 8     | Boundary Walls   |          | 3.34%                             | 17.19                        | 0.00                      | 0.00                 | 17.19                       | 5.16                                      | 0.57                      | 0.00                    | 5.74                              | 12.03                        | 11.46                  |
| 9     | Reservoir  |          | 3.34%                             | 55.14                        | 0.00                      | 0.00                 | 55.14                       | 15.96                                     | 1.84                      | 0.00                    | 17.80                             | 39.18                        | 37.34                  |
| 10    | Water supply-1 TMC   |          | 5.28%                             | 84.22                        | 0.00                      | 0.00                 | 84.22                       | 39.99                                     | 4.45                      | 0.00                    | 44.43                             | 44.23                        | 39.79                  |
| 11    | Water supply-2 TMC   |          | 5.28%                             | 319.35                       | 0.00                      | 0.00                 | 319.35                      | 144.98                                    | 16.86                     | 0.00                    | 161.84                            | 174.37                       | 157.51                 |
| 12    | Gate Complex, Security, etc.                               |          | 3.34%                             | 3.12                         | 0.00                      | 0.00                 | 3.12                        | 0.65                                      | 0.10                      | 0.00                    | 0.75                              | 2.47                         | 2.37                   |
| 13    | Railway Siding   |          | 5.28%                             | 348.90                       | 0.00                      | 0.00                 | 348.90                      | 144.36                                    | 18.42                     | 0.00                    | 162.78                            | 204.54                       | 186.12                 |
| 14    | Township & Guest House & other amenities                   |          | 3.34%                             | 122.21                       | 0.00                      | 0.00                 | 122.21                      | 32.01                                     | 4.08                      | 0.00                    | 36.09                             | 90.20                        | 86.11                  |
| 15    | Environment  |          | 3.34%                             | 1.42                         | 0.00                      | 0.00                 | 1.42                        | 0.36                                      | 0.05                      | 0.00                    | 0.41                              | 1.05                         | 1.00                   |
| 16    | CSR  |          | 3.34%                             | 18.48                        | 0.00                      | 0.00                 | 18.48                       | 4.81                                      | 0.62                      | 0.00                    | 5.42                              | 13.67                        | 13.05                  |
| 17    | Weigh Bridges, Fire Tender                                 |          | 5.28%                             | 2.27                         | 0.00                      | 0.00                 | 2.27                        | 0.74                                      | 0.12                      | 0.00                    | 0.86                              | 1.53                         | 1.41                   |
| 18    | Start up Power & common Equipment                          |          | 5.28%                             | 49.01                        | 0.00                      | 0.00                 | 49.01                       | 23.03                                     | 2.59                      | 0.00                    | 25.61                             | 25.98                        | 23.40                  |
| 19    | Construction Power   |          | 5.28%                             | 24.40                        | 0.00                      | 0.00                 | 24.40                       | 11.61                                     | 1.29                      | 0.00                    | 12.90                             | 12.79                        | 11.50                  |
| 20    | Furniture & office automation                              |          | 6.33%                             | 5.62                         | 0.00                      | 0.00                 | 5.62                        | 2.65                                      | 0.36                      | 0.00                    | 3.00                              | 2.98                         | 2.62                   |
| 21    | Misc. Expenditure  |          | 5.28%                             | 7.31                         | 0.00                      | 0.00                 | 7.31                        | 3.12                                      | 0.39                      | 0.00                    | 3.51                              | 4.19                         | 3.80                   |
| 22    | BAY, CT and CVT  |          | 5.28%                             | 30.74                        | 0.00                      | 0.00                 | 30.74                       | 12.12                                     | 1.62                      | 0.00                    | 13.74                             | 18.62                        | 17.00                  |
| 23    | Other common expenditure to be apportioned to above heads. |          | Yearly wt average of above rates. | 1556.14                      | 0.00                      | 0.00                 | 1556.14                     | 721.14                                    | 80.36                     | 0.00                    | 801.50                            | 835.01                       | 754.65                 |
| 24    | Total  |          |                                   | 8794.85                      | 0.00                      | 0.00                 | 8794.85                     | 3990.33                                   | 454.19                    | 0.00                    | 4444.52                           | 4804.52                      | 4350.33                |
| 25    | Average  |          |                                   |                              |                           |                      | 8794.85                     |   | 5.16%                     |                         |                                   |                              |                        |

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The Singareni Collieries Company Ltd  
Singareni Thermal Power Project  
Form 4: Fixed Assets & Depreciation

(Rs. Crore)

| S.No. | Asset Group  | A/c Code | Rate of Depreciation              | Gross fixed Assets           |                           |                      | Provisions for depreciation |   |                           | Net fixed Assets        |                                   |                              |                        |
|-------|--|----------|-----------------------------------|------------------------------|---------------------------|----------------------|-----------------------------|---|---------------------------|-------------------------|-----------------------------------|------------------------------|------------------------|
|       |  |          |                                   | At the beginning of the year | Additions during the year | Adjust. & deductions | At the end of the year      | Cumulative upto the beginning of the year | Additions during the year | Adjust. during the year | Cumulative at the end of the year | At the beginning of the year | At the end of the year |
| 1     | BTG package  |          | 5.28%                             | 4989.52                      | 0.00                      | 0.00                 | 4989.52                     | 2592.63                                   | 263.45                    | 0.00                    | 2856.07                           | 2396.89                      | 2133.44                |
| 2     | BOP package  |          | 5.28%                             | 1013.67                      | 0.00                      | 0.00                 | 1013.67                     | 522.46                                    | 53.52                     | 0.00                    | 575.98                            | 491.21                       | 437.69                 |
| 3     | Land   |          | 0.00%                             | 56.02                        | 0.00                      | 0.00                 | 56.02                       | 0.00                                      | 0.00                      | 0.00                    | 0.00                              | 56.02                        | 56.02                  |
| 4     | Survey & soil investigation                                |          | 5.28%                             | 0.14                         | 0.00                      | 0.00                 | 0.14                        | 0.04                                      | 0.01                      | 0.00                    | 0.05                              | 0.10                         | 0.09                   |
| 5     | Site Dev, Enabling, temp Sheds etc.                        |          | 5.28%                             | 24.95                        | 0.00                      | 0.00                 | 24.95                       | 12.68                                     | 1.32                      | 0.00                    | 14.00                             | 12.27                        | 10.95                  |
| 6     | Roads & Culverts   |          | 3.34%                             | 14.09                        | 0.00                      | 0.00                 | 14.09                       | 4.43                                      | 0.47                      | 0.00                    | 4.90                              | 9.66                         | 9.19                   |
| 7     | Coal Transport Roads out of BOP savings                    |          | 3.34%                             | 50.95                        | 0.00                      | 0.00                 | 50.95                       | 15.89                                     | 1.70                      | 0.00                    | 17.59                             | 35.06                        | 33.36                  |
| 8     | Boundary Walls   |          | 3.34%                             | 17.19                        | 0.00                      | 0.00                 | 17.19                       | 5.74                                      | 0.57                      | 0.00                    | 6.31                              | 11.46                        | 10.88                  |
| 9     | Reservoir  |          | 3.34%                             | 55.14                        | 0.00                      | 0.00                 | 55.14                       | 17.80                                     | 1.84                      | 0.00                    | 19.64                             | 37.34                        | 35.50                  |
| 10    | Water supply-1 TMC   |          | 5.28%                             | 84.22                        | 0.00                      | 0.00                 | 84.22                       | 44.43                                     | 4.45                      | 0.00                    | 48.88                             | 39.79                        | 35.34                  |
| 11    | Water supply-2 TMC   |          | 5.28%                             | 319.35                       | 0.00                      | 0.00                 | 319.35                      | 161.84                                    | 16.86                     | 0.00                    | 178.70                            | 157.51                       | 140.65                 |
| 12    | Gate Complex, Security, etc.                               |          | 3.34%                             | 3.12                         | 0.00                      | 0.00                 | 3.12                        | 0.75                                      | 0.10                      | 0.00                    | 0.85                              | 2.37                         | 2.26                   |
| 13    | Railway Siding   |          | 5.28%                             | 348.90                       | 0.00                      | 0.00                 | 348.90                      | 162.78                                    | 18.42                     | 0.00                    | 181.20                            | 186.12                       | 167.70                 |
| 14    | Township & Guest House & other amenities                   |          | 3.34%                             | 122.21                       | 0.00                      | 0.00                 | 122.21                      | 36.09                                     | 4.08                      | 0.00                    | 40.17                             | 86.11                        | 82.03                  |
| 15    | Environment  |          | 3.34%                             | 1.42                         | 0.00                      | 0.00                 | 1.42                        | 0.41                                      | 0.05                      | 0.00                    | 0.46                              | 1.00                         | 0.96                   |
| 16    | CSR  |          | 3.34%                             | 18.48                        | 0.00                      | 0.00                 | 18.48                       | 5.42                                      | 0.62                      | 0.00                    | 6.04                              | 13.05                        | 12.44                  |
| 17    | Weigh Bridges, Fire Tender                                 |          | 5.28%                             | 2.27                         | 0.00                      | 0.00                 | 2.27                        | 0.86                                      | 0.12                      | 0.00                    | 0.98                              | 1.41                         | 1.29                   |
| 18    | Start up Power & common Equipment                          |          | 5.28%                             | 49.01                        | 0.00                      | 0.00                 | 49.01                       | 25.61                                     | 2.59                      | 0.00                    | 28.20                             | 23.40                        | 20.81                  |
| 19    | Construction Power   |          | 5.28%                             | 24.40                        | 0.00                      | 0.00                 | 24.40                       | 12.90                                     | 1.29                      | 0.00                    | 14.19                             | 11.50                        | 10.21                  |
| 20    | Furniture & office automation                              |          | 6.33%                             | 5.62                         | 0.00                      | 0.00                 | 5.62                        | 3.00                                      | 0.36                      | 0.00                    | 3.36                              | 2.62                         | 2.26                   |
| 21    | Misc. Expenditure  |          | 5.28%                             | 7.31                         | 0.00                      | 0.00                 | 7.31                        | 3.51                                      | 0.39                      | 0.00                    | 3.90                              | 3.80                         | 3.42                   |
| 22    | BAY, CI and CVT  |          | 5.28%                             | 30.74                        | 0.00                      | 0.00                 | 30.74                       | 13.74                                     | 1.62                      | 0.00                    | 15.37                             | 17.00                        | 15.37                  |
| 23    | Other common expenditure to be apportioned to above heads. |          | Yearly wt average of above rates. | 1556.14                      | 0.00                      | 0.00                 | 1556.14                     | 801.50                                    | 80.36                     | 0.00                    | 881.86                            | 754.65                       | 674.28                 |
| 24    | Total  |          |                                   | 8794.85                      | 0.00                      | 0.00                 | 8794.85                     | 4444.52                                   | 454.19                    | 0.00                    | 4898.70                           | 4350.33                      | 3896.15                |
| 25    | Average  |          |                                   |                              |                           |                      | 8794.85                     |   | 5.16%                     |                         |                                   |                              |                        |

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The Singareni Collieries Company Ltd  
Singareni Thermal Power Project  
Form 4: Fixed Assets & Depreciation

(Rs. Crore)

| S.No. | Asset Group  | A/c Code | Rate of Depreciation              | Gross fixed Assets           |                           |                      | Provisions for depreciation |   |                           | Net fixed Assets        |                                   |                              |                        |
|-------|--|----------|-----------------------------------|------------------------------|---------------------------|----------------------|-----------------------------|---|---------------------------|-------------------------|-----------------------------------|------------------------------|------------------------|
|       |  |          |                                   | At the beginning of the year | Additions during the year | Adjust. & deductions | At the end of the year      | Cumulative upto the beginning of the year | Additions during the year | Adjust. during the year | Cumulative at the end of the year | At the beginning of the year | At the end of the year |
| 1     | BTG package  |          | 5.28%                             | 4989.52                      | 0.00                      | 0.00                 | 4989.52                     | 2856.07                                   | 263.45                    | 0.00                    | 3119.52                           | 2133.44                      | 1870.00                |
| 2     | BOP package  |          | 5.28%                             | 1013.67                      | 0.00                      | 0.00                 | 1013.67                     | 575.98                                    | 53.52                     | 0.00                    | 629.50                            | 437.69                       | 384.17                 |
| 3     | Land   |          | 0.00%                             | 56.02                        | 0.00                      | 0.00                 | 56.02                       | 0.00                                      | 0.00                      | 0.00                    | 0.00                              | 56.02                        | 56.02                  |
| 4     | Survey & soil investigation                                |          | 5.28%                             | 0.14                         | 0.00                      | 0.00                 | 0.14                        | 0.05                                      | 0.01                      | 0.00                    | 0.06                              | 0.09                         | 0.08                   |
| 5     | Site Dev, Enabling, temp Sheds etc.                        |          | 5.28%                             | 24.95                        | 0.00                      | 0.00                 | 24.95                       | 14.00                                     | 1.32                      | 0.00                    | 15.32                             | 10.95                        | 9.63                   |
| 6     | Roads & Culverts   |          | 3.34%                             | 14.09                        | 0.00                      | 0.00                 | 14.09                       | 4.90                                      | 0.47                      | 0.00                    | 5.37                              | 9.19                         | 8.72                   |
| 7     | Coal Transport Roads out of BOP savings                    |          | 3.34%                             | 50.95                        | 0.00                      | 0.00                 | 50.95                       | 17.59                                     | 1.70                      | 0.00                    | 19.29                             | 33.36                        | 31.65                  |
| 8     | Boundary Walls   |          | 3.34%                             | 17.19                        | 0.00                      | 0.00                 | 17.19                       | 6.31                                      | 0.57                      | 0.00                    | 6.89                              | 10.88                        | 10.31                  |
| 9     | Reservoir  |          | 3.34%                             | 55.14                        | 0.00                      | 0.00                 | 55.14                       | 19.64                                     | 1.84                      | 0.00                    | 21.48                             | 35.50                        | 33.66                  |
| 10    | Water supply-1 TMC   |          | 5.28%                             | 84.22                        | 0.00                      | 0.00                 | 84.22                       | 48.88                                     | 4.45                      | 0.00                    | 53.33                             | 35.34                        | 30.89                  |
| 11    | Water supply-2 TMC   |          | 5.28%                             | 319.35                       | 0.00                      | 0.00                 | 319.35                      | 178.70                                    | 16.86                     | 0.00                    | 195.56                            | 140.65                       | 123.79                 |
| 12    | Gate Complex, Security, etc.                               |          | 3.34%                             | 3.12                         | 0.00                      | 0.00                 | 3.12                        | 0.85                                      | 0.10                      | 0.00                    | 0.96                              | 2.26                         | 2.16                   |
| 13    | Railway Siding   |          | 5.28%                             | 348.90                       | 0.00                      | 0.00                 | 348.90                      | 181.20                                    | 18.42                     | 0.00                    | 199.62                            | 167.70                       | 149.28                 |
| 14    | Township & Guest House & other amenities                   |          | 3.34%                             | 122.21                       | 0.00                      | 0.00                 | 122.21                      | 40.17                                     | 4.08                      | 0.00                    | 44.26                             | 82.03                        | 77.95                  |
| 15    | Environment  |          | 3.34%                             | 1.42                         | 0.00                      | 0.00                 | 1.42                        | 0.46                                      | 0.05                      | 0.00                    | 0.51                              | 0.96                         | 0.91                   |
| 16    | CSR  |          | 3.34%                             | 18.48                        | 0.00                      | 0.00                 | 18.48                       | 6.04                                      | 0.62                      | 0.00                    | 6.66                              | 12.44                        | 11.82                  |
| 17    | Weigh Bridges, Fire Tender                                 |          | 5.28%                             | 2.27                         | 0.00                      | 0.00                 | 2.27                        | 0.98                                      | 0.12                      | 0.00                    | 1.10                              | 1.29                         | 1.17                   |
| 18    | Start up Power & common Equipment                          |          | 5.28%                             | 49.01                        | 0.00                      | 0.00                 | 49.01                       | 28.20                                     | 2.59                      | 0.00                    | 30.79                             | 20.81                        | 18.22                  |
| 19    | Construction Power   |          | 5.28%                             | 24.40                        | 0.00                      | 0.00                 | 24.40                       | 14.19                                     | 1.29                      | 0.00                    | 15.47                             | 10.21                        | 8.93                   |
| 20    | Furniture & office automation                              |          | 6.33%                             | 5.62                         | 0.00                      | 0.00                 | 5.62                        | 3.36                                      | 0.36                      | 0.00                    | 3.71                              | 2.26                         | 1.91                   |
| 21    | Misc. Expenditure  |          | 5.28%                             | 7.31                         | 0.00                      | 0.00                 | 7.31                        | 3.90                                      | 0.39                      | 0.00                    | 4.28                              | 3.42                         | 3.03                   |
| 22    | BAY,CT and CVT   |          | 5.28%                             | 30.74                        | 0.00                      | 0.00                 | 30.74                       | 15.37                                     | 1.62                      | 0.00                    | 16.99                             | 15.37                        | 13.75                  |
| 23    | Other common expenditure to be apportioned to above heads. |          | Yearly wt average of above rates. | 1556.14                      | 0.00                      | 0.00                 | 1556.14                     | 881.86                                    | 80.36                     | 0.00                    | 962.22                            | 674.28                       | 593.92                 |
| 24    | Total  |          |                                   | 8794.85                      | 0.00                      | 0.00                 | 8794.85                     | 4898.70                                   | 454.19                    | 0.00                    | 5352.89                           | 3896.15                      | 3441.96                |
| 25    | Average  |          |                                   |                              |                           |                      |                             |   | 5.16%                     |                         |                                   |                              |                        |

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**The Singareni Collieries Company Ltd**  
**Singareni Thermal Power Project**  
**Form 4.1: Fixed Assets & Depreciation**

| Financial Year                                     | (Amount in Rs Crs) |            |            |            |            |            |            |         |         |         |
|--|--------------------|------------|------------|------------|------------|------------|------------|---------|---------|---------|
|  | FY 2022-23         | FY 2023-24 | FY 2024-25 | FY 2025-26 | FY 2026-27 | FY 2027-28 | FY 2028-29 |         |         |         |
| 1  | 5                  | 6          | 6          | 6          | 6          | 6          | 6          | 6       | 6       | 6       |
| Days in Period                                     | 365                | 366        | 365        | 365        | 365        | 366        | 365        | 365     | 366     | 365     |
| CAPITAL COST OPENING                               | 7745.32            | 7762.28    | 7805.62    | 7826.39    | 7826.39    | 7826.39    | 7826.39    | 7826.39 | 7826.39 | 7826.39 |
| CAPITAL COST CLOSING                               | 7762.28            | 7805.62    | 7826.39    | 7826.39    | 7826.39    | 7826.39    | 7826.39    | 7826.39 | 7826.39 | 7826.39 |
| AVERAGE CAPITAL COST                               | 7753.80            | 7783.95    | 7816.01    | 7826.39    | 7826.39    | 7826.39    | 7826.39    | 7826.39 | 7826.39 | 7826.39 |
| RATE OF DEPRECIATION                               | 5.17%              | 5.16%      | 5.16%      | 5.16%      | 5.16%      | 5.16%      | 5.16%      | 5.16%   | 5.16%   | 5.16%   |
| Land   | 53.11              | 56.02      | 56.02      | 56.02      | 56.02      | 56.02      | 56.02      | 56.02   | 56.02   | 56.02   |
| 90% DEPRECIABLE VALUE EXCLUDING LAND & LAND RIGHTS | 6930.62            | 6955.13    | 6983.99    | 6993.33    | 6993.33    | 6993.33    | 6993.33    | 6993.33 | 6993.33 | 6993.33 |
| DEPRECIATION RESERVE (OPENING)                     | 2091.38            | 2491.92    | 2893.73    | 3297.25    | 3701.42    | 4105.59    | 4509.77    | 4913.94 | 5318.05 | 5722.19 |
| BALANCE DEPRECIATED VALUE                          | 5662.42            | 5292.03    | 4922.28    | 4529.14    | 4124.97    | 3720.80    | 3316.63    | 2922.79 | 2527.52 | 2133.37 |
| DEPRECIATION TO BE RECOVERED                       | 400.54             | 401.81     | 403.52     | 404.17     | 404.17     | 404.17     | 404.17     | 404.17  | 404.17  | 404.17  |
| CUMULATIVE DEPRECIATION                            | 2491.92            | 2893.73    | 3297.25    | 3701.42    | 4105.59    | 4509.77    | 4913.94    | 5318.05 | 5722.19 | 6126.33 |



The Singareni Collieries Company Ltd  
Singareni Thermal Power Project  
Form 5: Interest and finance charges on loan

A. Normative Loan

| S. No. | Particulars  | 2022-23          |         |                     |                  | 2023-24 |           |           |            | Control Period |            |            |            |  |
|--------|--|------------------|---------|---------------------|------------------|---------|-----------|-----------|------------|----------------|------------|------------|------------|--|
|        |  | MYT/Tariff Order | Apr-Mar | True-Up requirement | MYT/Tariff Order | Apr-Sep | Oct-Mar   | Apr-Mar   | FY 2024-25 | FY 2025-26     | FY 2026-27 | FY 2027-28 | FY 2028-29 |  |
|        |  | Approved         | Audited | Claimed             | Approved         | Actual  | Estimated | Estimated | Projected  | Projected      | Projected  | Projected  | Projected  |  |
| 1      | Opening Balance of Gross Normative Loan                                      | 5421.72          | 5421.72 | 5421.72             | 5421.72          | 5433.59 | 5434.82   | 5433.59   | 5463.94    | 5478.48        | 5478.48    | 5478.48    | 5478.48    |  |
| 2      | Cumulative Repayment till the previous year                                  | 2091.38          | 2091.38 | 2091.38             | 2491.92          | 2491.92 | 2692.83   | 2491.92   | 2893.73    | 3297.25        | 3701.42    | 4105.59    | 4509.77    |  |
| 3      | Opening Balance of Net Normative Loan  | 3330.34          | 3330.34 | 3330.34             | 2929.80          | 2941.67 | 2742.00   | 2941.67   | 2570.21    | 2181.23        | 1777.05    | 1372.88    | 968.71     |  |
| 4      | Less: Reduction of Normative Loan due to retirement or replacement of assets | 0.00             | 0.00    | 0.00                | 0.00             | 0.00    | 0.00      | 0.00      | 0.00       | 0.00           | 0.00       | 0.00       | 0.00       |  |
| 5      | Addition of Normative Loan due to capitalisation during the year             | 0.00             | 11.87   | 11.87               | 0.00             | 1.23    | 29.11     | 30.34     | 14.54      | 0.00           | 0.00       | 0.00       | 0.00       |  |
| 6      | Repayment of Normative loan during the year                                  | 400.36           | 400.54  | 400.54              | 400.36           | 200.90  | 200.90    | 401.81    | 403.52     | 404.17         | 404.17     | 404.17     | 404.17     |  |
| 7      | Closing Balance of Net Normative Loan  | 2929.98          | 2941.67 | 2941.67             | 2529.44          | 2742.00 | 2570.21   | 2570.21   | 2181.23    | 1777.05        | 1372.88    | 968.71     | 564.54     |  |
| 8      | Closing Balance of Gross Normative Loan                                      | 5421.72          | 5433.59 | 5433.59             | 5421.72          | 5434.82 | 5463.94   | 5463.94   | 5478.48    | 5478.48        | 5478.48    | 5478.48    | 5478.48    |  |
| 9      | Average Balance of Net Normative Loan  | 3130.16          | 3136.01 | 3136.01             | 2729.62          | 2841.83 | 2656.10   | 2755.94   | 2375.72    | 1979.14        | 1574.97    | 1170.80    | 766.62     |  |
| 10     | Weighted average Rate of Interest on actual Loans (%)                        | 7.16%            | 7.66%   | 7.66%               | 7.16%            | 8.24%   | 8.70%     | 8.46%     | 8.63%      | 8.63%          | 8.63%      | 8.63%      | 8.63%      |  |
| 11     | Interest   | 224.24           | 240.10  | 240.10              | 195.57           | 117.02  | 115.53    | 233.08    | 205.04     | 170.81         | 135.93     | 101.04     | 66.15      |  |
| 12     | Finance charges  | 0.00             | 0.00    | 0.00                | 0.00             | 0.00    | 0.00      | 0.00      | 0.00       | 0.00           | 0.00       | 0.00       | 0.00       |  |
| 13     | Sub-Total Interest & Finance charges   | 224.24           | 240.10  | 240.10              | 195.57           | 117.02  | 115.53    | 233.08    | 205.04     | 170.81         | 135.93     | 101.04     | 66.15      |  |
| 11     | Weighted average Rate of Interest on actual Loans before refinancing (%)     | 0.00%            | 10.20%  | 10.20%              | 0.00%            | 10.20%  | 10.20%    | 10.20%    | 10.20%     | 10.20%         | 10.20%     | 10.20%     | 10.20%     |  |
| 12     | Savings of interest  | 0.00%            | 2.54%   | 2.54%               | 0.00%            | 1.96%   | 1.50%     | 1.74%     | 1.57%      | 1.57%          | 1.57%      | 1.57%      | 1.57%      |  |
| 13     | Savings of interest amount   | 0.00             | 79.64   | 79.64               | 0.00             | 27.85   | 19.88     | 47.92     | 37.19      | 30.98          | 24.66      | 18.33      | 12.02      |  |
| 13     | 1/3rd interest passed on to generators                                       | 0.00             | 26.55   | 26.55               | 0.00             | 9.28    | 6.63      | 15.97     | 12.40      | 10.33          | 8.22       | 6.11       | 4.01       |  |
| 13     | Total Interest   | 224.24           | 266.65  | 266.65              | 195.57           | 126.31  | 122.15    | 249.05    | 217.44     | 181.14         | 144.14     | 107.15     | 70.15      |  |

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The Singareni Collieries Company Ltd  
Singareni Thermal Power Project  
Form 5: Interest and finance charges on loan

B. Actual loan portfolio

| S. No. | Particulars                      | 2022-23         |                |                   | 2023-24           |                   |                   | Control Period    |                   |                   |        |        |
|--------|----------------------------------|-----------------|----------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|--------|--------|
|        |                                  | Apr-Mar Audited | Apr-Sep Actual | Oct-Mar Estimated | Apr-Mar Estimated | 2024-25 Projected | 2025-26 Projected | 2026-27 Projected | 2027-28 Projected | 2028-29 Projected |        |        |
| 1      | Loan 1 (SBI)                     | 2,393.98        | 2,061.45       | 1,895.58          | 2,061.45          | 1,729.74          | 1,398.06          | 1,066.38          | 734.70            | 403.02            |        |        |
|        | Opening Balance of Loan          | -               | -              | -                 | -                 | -                 | -                 | -                 | -                 | -                 | -      | -      |
|        | Addition of Loan during the year | 332.53          | 165.87         | 165.84            | 331.71            | 1,729.74          | 331.68            | 331.68            | 331.68            | 331.68            | 331.68 | 331.68 |
|        | Loan Repayment during the year   | 2,061.45        | 1,895.58       | 1,729.74          | 1,729.74          | 1,398.06          | 1,066.38          | 734.70            | 403.02            | 71.34             |        |        |
|        | Closing Balance of Loan          | 2,227.72        | 1,978.52       | 1,812.66          | 1,895.60          | 1,563.90          | 1,232.22          | 900.54            | 568.86            | 237.18            |        |        |
|        | Average Loan Balance             | 7.57%           | 8.10%          | 8.69%             | 8.38%             | 8.62%             | 8.62%             | 8.62%             | 8.62%             | 8.62%             |        |        |
|        | Applicable Interest Rate (%)     | 168.60          | 80.15          | 78.76             | 158.91            | 134.79            | 106.20            | 77.61             | 49.03             | 20.44             |        |        |
|        | Interest                         | 168.60          | 80.15          | 78.76             | 158.91            | 134.79            | 106.20            | 77.61             | 49.03             | 20.44             |        |        |
|        | Finance charges                  | 168.60          | 80.15          | 78.76             | 158.91            | 134.79            | 106.20            | 77.61             | 49.03             | 20.44             |        |        |
|        | Total Interest & Finance charges | 168.60          | 80.15          | 78.76             | 158.91            | 134.79            | 106.20            | 77.61             | 49.03             | 20.44             |        |        |
| 2      | Loan 2 (ICICI)                   | 832.99          | 713.99         | 654.49            | 713.99            | 594.99            | 475.99            | 356.99            | 237.99            | 118.99            |        |        |
|        | Opening Balance of Loan          | -               | -              | -                 | -                 | -                 | -                 | -                 | -                 | -                 | -      | -      |
|        | Addition of Loan during the year | 119.00          | 59.50          | 59.50             | 119.00            | 119.00            | 119.00            | 119.00            | 119.00            | 119.00            | 119.00 | 118.99 |
|        | Loan Repayment during the year   | 713.99          | 654.49         | 594.99            | 594.99            | 475.99            | 356.99            | 237.99            | 118.99            | -                 |        |        |
|        | Closing Balance of Loan          | 773.49          | 684.24         | 624.74            | 654.49            | 535.49            | 416.49            | 297.49            | 178.49            | 59.50             |        |        |
|        | Average Loan Balance             | 7.91%           | 8.62%          | 8.73%             | 8.67%             | 8.67%             | 8.67%             | 8.67%             | 8.67%             | 8.67%             |        |        |
|        | Applicable Interest Rate (%)     | 61.18           | 29.50          | 27.26             | 56.76             | 46.40             | 36.09             | 25.78             | 15.47             | 5.16              |        |        |
|        | Interest                         | 61.18           | 29.50          | 27.26             | 56.76             | 46.40             | 36.09             | 25.78             | 15.47             | 5.16              |        |        |
|        | Finance charges                  | 61.18           | 29.50          | 27.26             | 56.76             | 46.40             | 36.09             | 25.78             | 15.47             | 5.16              |        |        |
|        | Total Interest & Finance charges | 61.18           | 29.50          | 27.26             | 56.76             | 46.40             | 36.09             | 25.78             | 15.47             | 5.16              |        |        |
|        | Total                            | 3,226.97        | 2,775.44       | 2,550.07          | 2,775.44          | 2,324.73          | 1,874.05          | 1,423.37          | 972.69            | 522.01            |        |        |
|        | Opening Balance of Loan          | -               | -              | -                 | -                 | -                 | -                 | -                 | -                 | -                 | -      | -      |
|        | Addition of Loan during the year | 451.53          | 225.37         | 225.34            | 450.71            | 450.68            | 450.68            | 450.68            | 450.68            | 450.67            |        |        |
|        | Loan Repayment during the year   | 2,775.44        | 2,550.07       | 2,324.73          | 2,324.73          | 1,874.05          | 1,423.37          | 972.69            | 522.01            | 71.34             |        |        |
|        | Closing Balance of Loan          | 3,001.21        | 2,662.76       | 2,437.40          | 2,550.09          | 2,099.39          | 1,648.71          | 1,198.03          | 747.35            | 296.68            |        |        |
|        | Average Loan Balance             | 7.66%           | 8.24%          | 8.70%             | 8.46%             | 8.63%             | 8.63%             | 8.63%             | 8.63%             | 8.63%             |        |        |
|        | Applicable Interest Rate (%)     | 229.78          | 109.65         | 106.02            | 215.67            | 181.19            | 142.29            | 103.39            | 64.50             | 25.60             |        |        |
|        | Interest                         | 229.78          | 109.65         | 106.02            | 215.67            | 181.19            | 142.29            | 103.39            | 64.50             | 25.60             |        |        |
|        | Finance charges                  | 229.78          | 109.65         | 106.02            | 215.67            | 181.19            | 142.29            | 103.39            | 64.50             | 25.60             |        |        |
|        | Total Interest & Finance charges | 229.78          | 109.65         | 106.02            | 215.67            | 181.19            | 142.29            | 103.39            | 64.50             | 25.60             |        |        |

The Singareni Collieries Company Ltd  
Singareni Thermal Power Project  
Form 6: Interest on working capital

| S. No. | Particulars                       | Year (n-1)       |         |                     | Current Year 'n' |         |           |           | Control Period |            |            |            |            |
|--------|-----------------------------------|------------------|---------|---------------------|------------------|---------|-----------|-----------|----------------|------------|------------|------------|------------|
|        |                                   | MYT/Tariff Order |         | True-Up requirement | Apr-Mar          | Apr-Sep | Oct-Mar   | Apr-Mar   | n+1            | n+2        | n+3        | n+4        | n+5        |
|        |                                   | Approved         | Audited | Claimed             | FY 2022-23       | Actual  | Estimated | Estimated | FY 2024-25     | FY 2025-26 | FY 2026-27 | FY 2027-28 | FY 2028-29 |
| 1      | Cost of coal, towards stock       | -                | 233.62  | 233.62              | -                | 131.58  | 131.58    | 263.17    | 177.24         | 177.24     | 177.24     | 177.24     |            |
| 2      | Cost of coal for generation       | -                | 233.62  | 233.62              | -                | 131.58  | 131.58    | 263.17    | 269.56         | 269.56     | 269.56     | 269.56     |            |
| 3      | Cost of secondary fuel oil        | -                | 1.82    | 1.82                | -                | 0.91    | 0.91      | 1.82      | 2.46           | 2.46       | 2.46       | 2.46       |            |
| 4      | O&M expenses                      | -                | 25.58   | 25.58               | -                | 13.97   | 13.97     | 27.94     | 29.68          | 31.35      | 34.96      | 36.92      |            |
| 5      | Maintenance spares                | -                | 61.38   | 61.38               | -                | 33.53   | 33.53     | 67.07     | 78.06          | 78.26      | 78.26      | 78.26      |            |
| 6      | Receivables                       | -                | 726.24  | 726.24              | -                | 395.77  | 395.28    | 791.14    | 599.80         | 597.92     | 593.56     | 592.38     |            |
|        | Less:                             | -                | -       | -                   | -                | -       | -         | -         | -              | -          | -          | -          |            |
| 7      | Payables for Fuels                | -                | 234.54  | 234.54              | -                | 132.04  | 132.04    | 264.08    | 272.01         | 272.01     | 272.01     | 272.01     |            |
| 8      | Total Working Capital requirement | -                | 1047.73 | 1047.73             | -                | 575.32  | 574.82    | 1150.24   | 884.79         | 884.77     | 883.54     | 884.80     |            |
| 9      | Interest rate                     | -                | 9.42    | 9.42                | -                | 10.04   | 10.04     | 10.04     | 10.15          | 10.15      | 10.15      | 10.15      |            |
| 10     | Interest on working capital       | 83.51            | 98.65   | 98.65               | 85.63            | 57.75   | 57.70     | 115.47    | 96.66          | 96.59      | 96.49      | 96.39      |            |

SBI MCLR

| Month             | FY 2022-23 |               | FY 2023-24 |               |
|-------------------|------------|---------------|------------|---------------|
|                   | No of days | SBI MCLR rate | No of days | SBI MCLR rate |
| April             | 15         | 7.1           | 15         | 8.5           |
| April-May         | 30         | 7.2           | 30         | 8.5           |
| May-June          | 31         | 7.4           | 31         | 8.55          |
| June-July         | 30         | 7.5           | 30         | 8.55          |
| July-August       | 31         | 7.7           | 31         | 8.55          |
| August-September  | 31         | 7.7           | 31         | 8.55          |
| September-October | 30         | 7.95          | 30         | 8.55          |
| October-November  | 31         | 8.05          |            |               |
| November-December | 30         | 8.3           |            |               |
| December-January  | 31         | 8.4           |            |               |
| January-February  | 31         | 8.5           |            |               |
| February-March    | 28         | 8.5           |            |               |
| March             | 16         | 8.5           | 198        | 8.54          |
|                   | 365        | 7.92          |            |               |

1 year MCLR of SBI effective from 15Th January, 2024:

8.65

9.42

10.04

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The Singareni Collieries Company Ltd  
Singareni Thermal Power Project  
Form 7: Return on Equity

| S. No. | Particulars  | Year (n-1)       |         |                     |                  | Current Year 'n' |         |            |           | Control Period |           |            |           |            |           |            |           |
|--------|--|------------------|---------|---------------------|------------------|------------------|---------|------------|-----------|----------------|-----------|------------|-----------|------------|-----------|------------|-----------|
|        |  | FY 2022-23       |         | FY 2023-24          |                  | FY 2023-24       |         | FY 2024-25 |           | FY 2025-26     |           | FY 2026-27 |           | FY 2027-28 |           | FY 2028-29 |           |
|        |  | MYT/Tariff Order | Apr-Mar | True-Up requirement | MYT/Tariff Order | Apr-Sep          | Oct-Mar | Apr-Mar    | Projected | Projected      | Projected | Projected  | Projected | Projected  | Projected | Projected  | Projected |
| 1      | Regulatory Equity at the beginning of the year                               | 2323.60          | 2323.60 | 2323.60             | 2323.60          | 2328.68          | 2328.68 | 2328.68    | 2341.69   | 2347.92        | 2347.92   | 2347.92    | 2347.92   | 2347.92    | 2347.92   | 2347.92    | 2347.92   |
| 2      | Capitalisation during the year   | 0.00             | 16.96   | 16.96               | 0.00             | 1.75             | 41.59   | 43.35      | 20.77     | 0.00           | 0.00      | 0.00       | 0.00      | 0.00       | 0.00      | 0.00       | 0.00      |
| 3      | Equity portion of capitalisation during the year                             | 0.00             | 5.09    | 5.09                | 0.00             | 0.53             | 12.48   | 13.00      | 6.23      | 0.00           | 0.00      | 0.00       | 0.00      | 0.00       | 0.00      | 0.00       | 0.00      |
| 4      | Reduction in Equity Capital on account of retirement / replacement of assets | 0.00             | 0.00    | 0.00                | 0.00             | 0.00             | 0.00    | 0.00       | 0.00      | 0.00           | 0.00      | 0.00       | 0.00      | 0.00       | 0.00      | 0.00       | 0.00      |
| 5      | Regulatory Equity at the end of the year                                     | 2323.60          | 2328.68 | 2328.68             | 2323.60          | 2329.21          | 2341.16 | 2341.69    | 2347.92   | 2347.92        | 2347.92   | 2347.92    | 2347.92   | 2347.92    | 2347.92   | 2347.92    | 2347.92   |
| 6      | Rate of Return on Equity   | 15.50%           | 15.50%  | 15.50%              | 15.50%           | 15.50%           | 15.50%  | 15.50%     | 15.50%    | 15.50%         | 15.50%    | 15.50%     | 15.50%    | 15.50%     | 15.50%    | 15.50%     | 15.50%    |
| 7      | Base rate of Return on Equity  | 17.47%           | 25.17%  | 25.17%              | 17.47%           | 25.17%           | 25.17%  | 25.17%     | 25.17%    | 25.17%         | 25.17%    | 25.17%     | 25.17%    | 25.17%     | 25.17%    | 25.17%     | 25.17%    |
| 8      | Effective Income Tax rate  | 18.78%           | 20.71%  | 20.71%              | 18.78%           | 20.71%           | 20.71%  | 20.71%     | 20.71%    | 20.71%         | 20.71%    | 20.71%     | 20.71%    | 20.71%     | 20.71%    | 20.71%     | 20.71%    |
| 9      | Return on Equity Computation   | 436.41           | 481.29  | 481.29              | 436.40           | 241.17           | 241.17  | 482.34     | 485.04    | 486.33         | 486.33    | 486.33     | 486.33    | 486.33     | 486.33    | 486.33     | 486.33    |
| 10     | Return on Regulatory Equity at the beginning of the year                     | 0.00             | 0.53    | 0.53                | 0.00             | 0.05             | 1.29    | 1.35       | 0.65      | 0.00           | 0.00      | 0.00       | 0.00      | 0.00       | 0.00      | 0.00       | 0.00      |
| 11     | Return on Regulatory Equity addition during the year                         | 436.41           | 481.81  | 481.81              | 436.40           | 241.23           | 242.46  | 483.69     | 485.68    | 486.33         | 486.33    | 486.33     | 486.33    | 486.33     | 486.33    | 486.33     | 486.33    |
|        | <b>Total Return on Equity</b>  |                  |         |                     |                  |                  |         |            |           |                |           |            |           |            |           |            |           |

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The Singareni Collieries Company Ltd  
Singareni Thermal Power Project  
Form 8: Non-Tariff Income

| S. No. | Particulars   | Year (n-1)<br>FY 2022-23 |             |                     |             | Current Year 'n'<br>FY 2023-24 |             |           |             | Control Period |             |            |             |            |             |            |             |            |             |
|--------|---|--------------------------|-------------|---------------------|-------------|--------------------------------|-------------|-----------|-------------|----------------|-------------|------------|-------------|------------|-------------|------------|-------------|------------|-------------|
|        |   | MYT/Tariff Order         |             | True-Up requirement |             | MYT/Tariff Order               |             | Apr - Mar |             | FY 2024-25     |             | FY 2025-26 |             | FY 2026-27 |             | FY 2027-28 |             | FY 2028-29 |             |
|        |   | Approved                 | Audited     | Apr-Mar             | Claimed     | Approved                       | Apr-Sep     | Oct-Mar   | Apr-Mar     | n+1            | n+2         | n+3        | n+4         | n+5        | Projected   | Projected  | Projected   | Projected  | Projected   |
|        |   |                          |             |                     |             |                                | Actual      | Estimated | Estimated   | Projected      | Projected   | Projected  | Projected   | Projected  | Projected   | Projected  | Projected   | Projected  | Projected   |
| 1      | Income from rent of land or buildings                                   |                          | 0.00        |                     | 0.00        |                                | 0.00        |           | 0.01        |                | 0.01        |            | 0.01        |            | 0.01        |            | 0.01        |            | 0.01        |
| 2      | Net income from sale of de-capitalised assets                           |                          | 0.00        |                     | 0.00        |                                | 0.00        |           | 0.01        |                | 0.01        |            | 0.01        |            | 0.01        |            | 0.01        |            | 0.01        |
| 3      | Income from sale of scrap   |                          | 0.09        |                     | 0.09        |                                | 0.78        |           | 1.57        |                | 1.73        |            | 1.81        |            | 1.91        |            | 2.00        |            | 2.00        |
| 4      | Income from statutory investments                                       |                          | 0.00        |                     | 0.00        |                                | 0.00        |           | 0.00        |                | 0.00        |            | 0.00        |            | 0.00        |            | 0.00        |            | 0.00        |
| 5      | Interest income on advances to suppliers/contractors                    |                          | 0.08        |                     | 0.08        |                                | 0.00        |           | 0.00        |                | 0.00        |            | 0.00        |            | 0.00        |            | 0.00        |            | 0.00        |
| 6      | Income from rental from staff quarters                                  |                          | 0.12        |                     | 0.12        |                                | 0.06        |           | 0.13        |                | 0.14        |            | 0.15        |            | 0.16        |            | 0.16        |            | 0.16        |
| 7      | Income from rental from contractors                                     |                          | 1.36        |                     | 1.36        |                                | 0.68        |           | 1.36        |                | 1.50        |            | 1.58        |            | 1.65        |            | 1.74        |            | 1.74        |
| 8      | Income from hire charges from contractors and others                    |                          | 0.00        |                     | 0.00        |                                | 0.00        |           | 0.00        |                | 0.00        |            | 0.00        |            | 0.00        |            | 0.00        |            | 0.00        |
| 9      | Income from sale of ash/rejected coal                                   |                          | 1.67        |                     | 1.67        |                                | 0.00        |           | 0.00        |                | 0.00        |            | 0.00        |            | 0.00        |            | 0.00        |            | 0.00        |
| 10     | Income from advertisements  |                          | 0.00        |                     | 0.00        |                                | 0.00        |           | 0.00        |                | 0.00        |            | 0.00        |            | 0.00        |            | 0.00        |            | 0.00        |
| 11     | Income from sale of tender documents                                    |                          | 0.00        |                     | 0.00        |                                | 0.00        |           | 0.00        |                | 0.00        |            | 0.00        |            | 0.00        |            | 0.00        |            | 0.00        |
| 12     | Income from guest house and misc receipts                               |                          | 0.34        |                     | 0.34        |                                | 0.08        |           | 0.16        |                | 0.17        |            | 0.18        |            | 0.19        |            | 0.20        |            | 0.20        |
| 13     | Income from penalties recovered from contractors/suppliers              |                          | 0.36        |                     | 0.36        |                                | 0.24        |           | 0.48        |                | 0.51        |            | 0.56        |            | 0.59        |            | 0.62        |            | 0.62        |
| 14     | Income from insurance receipts  |                          | 4.86        |                     | 4.86        |                                | 0.00        |           | 0.00        |                | 0.00        |            | 0.00        |            | 0.00        |            | 0.00        |            | 0.00        |
| 15     | Income from Forfeiture of deposits & credits taken into company account |                          | 0.40        |                     | 0.40        |                                | 0.00        |           | 0.00        |                | 0.00        |            | 0.00        |            | 0.01        |            | 0.01        |            | 0.01        |
|        | <b>Total</b>  | <b>13.33</b>             | <b>9.27</b> |                     | <b>9.27</b> |                                | <b>1.85</b> |           | <b>3.71</b> |                | <b>3.90</b> |            | <b>4.29</b> |            | <b>4.51</b> |            | <b>4.73</b> |            | <b>4.73</b> |

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The Singareni Collieries Company Ltd  
Singareni Thermal Power Project  
Form 9: Planned & Forced Outages

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| S.No. | Particulars               | Year (n-1)  |  |                                |                       | Current Year 'n'               |                                |                                |                                | Control Period                 |                                |                                |                                |            |
|-------|---------------------------|---|--|--------------------------------|-----------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|------------|
|       |                           | FY 2022-23  |  | FY 2023-24                     |                       | FY 2024-25                     |                                | FY 2025-26                     |                                | FY 2026-27                     |                                | FY 2027-28                     |                                | FY 2028-29 |
|       |                           | Actual  | Apr-Dec  | Jan-Mar                        | Apr - Mar             | Estimated                      | Projected                      | Estimated                      | Projected                      | Estimated                      | Projected                      | Estimated                      | Projected                      | Estimated  |
| 1     | <b>Unit 1 / Station 1</b> |   |  |                                |                       |                                |                                |                                |                                |                                |                                |                                |                                |            |
| A.    | <b>Planned Outages</b>    |   |  |                                |                       |                                |                                |                                |                                |                                |                                |                                |                                |            |
|       | No of days of outage      | 0   | 35.65  | 0                              | 35.65                 | 0                              | 35.65                          | 0                              | 35                             | 0                              | 35                             | 0                              | 0                              |            |
|       | Period of Outage          | 0   | 855.60 hrs   | 0                              | 855.60 hrs            | 0                              | 855.60 hrs                     | 0                              | 840 hrs                        | 0                              | 840 hrs                        | 0                              | 0                              |            |
|       | Reasons for Outage        | N/A   | Capital overhauling                                    | 0                              | Capital overhauling   | N/A                            | Capital overhauling            | N/A                            | Annual Overhauling             | N/A                            | Annual Overhauling             | N/A                            | N/A                            |            |
| B.    | <b>Forced Outages</b>     |   |  |                                |                       |                                |                                |                                |                                |                                |                                |                                |                                |            |
|       | No of days of outage      | 25.90   | 33.67  | 1.82                           | 35.49                 | 7.3                            | 6.60                           | 7.3                            | 6.60                           | 7.3                            | 6.62                           | 7.3                            | 7.3                            |            |
|       | Period of Outage          | 621.60 hrs  | 807.97 hrs   | 43.68 hrs                      | 851.65 hrs            | 175.2 hrs                      | 158.4 hrs                      | 175.2 hrs                      | 158.4 hrs                      | 175.2 hrs                      | 158.88 hrs                     | 175.2 hrs                      | 175.2 hrs                      |            |
|       | Reasons for Outage        | Boiler Tube leakages and Tripping                           | HP Turbine shaft seal leakage and Boiler Tube leakages | 2% forced outage is considered | BTL, 2% forced outage | 2% forced outage is considered | 2% forced outage is considered | 2% forced outage is considered | 2% forced outage is considered | 2% forced outage is considered | 2% forced outage is considered | 2% forced outage is considered | 2% forced outage is considered |            |
| 2     | <b>Unit 2 / Station 2</b> |   |  |                                |                       |                                |                                |                                |                                |                                |                                |                                |                                |            |
| A.    | <b>Planned Outages</b>    |   |  |                                |                       |                                |                                |                                |                                |                                |                                |                                |                                |            |
|       | No of days of outage      | 0   | 0  | 0                              | 0                     | 55                             | 0                              | 35                             | 0                              | 35                             | 0                              | 0                              | 35                             |            |
|       | Period of Outage          | 0   | 0  | 0                              | 0                     | 1320 hrs                       | 0                              | 840 hrs                        | 0                              | 840 hrs                        | 0                              | 0                              | 840 hrs                        |            |
|       | Reasons for Outage        | N/A   | N/A  | N/A                            | N/A                   | Capital overhauling            | N/A                            | Annual overhauling             | N/A                            | Annual overhauling             | N/A                            | N/A                            | Annual overhauling             |            |
| B.    | <b>Forced Outages</b>     |   |  |                                |                       |                                |                                |                                |                                |                                |                                |                                |                                |            |
|       | No of days of outage      | 45.98   | 8.17   | 1.82                           | 9.99                  | 6.2                            | 7.30                           | 6.60                           | 7.30                           | 6.60                           | 7.32                           | 6.60                           | 6.60                           |            |
|       | Period of Outage          | 1103.43 hrs   | 195.98 hrs   | 43.68 hrs                      | 239.66 hrs            | 148.8 hrs                      | 175.2 hrs                      | 158.4 hrs                      | 175.2 hrs                      | 158.4 hrs                      | 175.68 hrs                     | 158.4 hrs                      | 158.4 hrs                      |            |
|       | Reasons for Outage        | Generator rotor failure, Boiler Tube leakages and Trippings | Boiler tube leakages                                   | 2% forced outage is considered | BTL, 2% forced outage | 2% forced outage is considered | 2% forced outage is considered | 2% forced outage is considered | 2% forced outage is considered | 2% forced outage is considered | 2% forced outage is considered | 2% forced outage is considered | 2% forced outage is considered |            |

Note: Details of outages should be submitted for each Unit of each station separately



The Singareni Collieries Company Ltd  
Singareni Thermal Power Project  
Form 10: Operational parameters

| S. No. | Particulars  | Units    | Year (n-1)<br>FY 2022-23 |                  |                     | Current Year 'n'<br>FY 2023-24 |             |             | Control Period |             |             |             |             | Remarks     |            |            |
|--------|--|----------|--------------------------|------------------|---------------------|--------------------------------|-------------|-------------|----------------|-------------|-------------|-------------|-------------|-------------|------------|------------|
|        |  |          | MYT/Tariff Order         |                  | True-Up requirement | Apr-Sep                        |             | Oct-Mar     |                | Apr - Mar   |             | FY 2025-26  | FY 2026-27  |             | FY 2027-28 | FY 2028-29 |
|        |  |          | Approved                 | MYT/Tariff Order | Claimed             | Approved                       | Actual      | Estimated   | Estimated      | Estimated   | n+1         | n+2         | n+3         |             | n+4        | n+5        |
| 1      | Installed Capacity                                       | MW       | 1200                     | 1200             | 1200                | 1200                           | 1200        | 1200        | 1200           | 1200        | 1200        | 1200        | 1200        | 1200        |            |            |
|        | COD  |          | 02.12.2016               | 02.12.2016       | 02.12.2016          | 02.12.2016                     | 02.12.2016  | 02.12.2016  | 02.12.2016     | 02.12.2016  | 02.12.2016  | 02.12.2016  | 02.12.2016  | 02.12.2016  |            |            |
|        | Type of Thermal Generating Station (Pithead/Non-Pithead) |          | Non-Pithead              | Non-Pithead      | Non-Pithead         | Non-Pithead                    | Non-Pithead | Non-Pithead | Non-Pithead    | Non-Pithead | Non-Pithead | Non-Pithead | Non-Pithead | Non-Pithead |            |            |
| 2      | Availability   |          |                          |                  |                     |                                |             |             |                |             |             |             |             |             |            |            |
| 2.1    | Target Availability for full recovery of AFC             | %        | 85                       | 85               | 85                  | 85                             | 85          | 85          | 85             | 85          | 85          | 85          | 85          | 85          |            |            |
| 2.2    | Actual/Projected Availability                            | %        | 89.77                    | 89.77            | 89.77               | 85                             | 87.21       | 96.00       | 91.61          | 90.62       | 93.30       | 93.30       | 93.31       | 93.30       |            |            |
| 3      | Plant Load Factor (PLF)                                  |          |                          |                  |                     |                                |             |             |                |             |             |             |             |             |            |            |
| 3.1    | Target PLF for Incentive                                 | %        | 85                       | 85               | 85                  | 85                             | 85          | 85          | 85             | 85          | 85          | 85          | 85          | 85          |            |            |
| 3.2    | Actual/Projected PLF                                     | %        | 88.27                    | 88.27            | 88.27               | 85                             | 84.04       | 85.87       | 84.95          | 88.77       | 91.40       | 91.40       | 91.41       | 91.40       |            |            |
| 4      | Gross Generation   |          |                          |                  |                     |                                |             |             |                |             |             |             |             |             |            |            |
| 4.1    | Scheduled Generation                                     | MJ       | 8745.264                 | 8745.264         | 8745.264            | 8421.426                       | 4163.227    | 4253.603    | 8416.83        | 8794.656    | 9055.238    | 9055.238    | 9081.297    | 9055.238    |            |            |
| 4.2    | Actual/Projected Gross Generation                        | MJ       | 9304.906                 | 9304.906         | 9304.906            | 8935.200                       | 4419.599    | 4527.518    | 8947.117       | 9331.200    | 9607.680    | 9607.680    | 9635.328    | 9607.680    |            |            |
| 5      | Auxiliary Consumption                                    |          |                          |                  |                     |                                |             |             |                |             |             |             |             |             |            |            |
| 5.1    | Normative Auxiliary Energy Consumption                   | %        | 5.75                     | 5.75             | 5.75                | 5.75                           | 5.75        | 5.75        | 5.75           | 5.75        | 5.75        | 5.75        | 5.75        | 5.75        |            |            |
| 5.2    | Actual/Projected Auxiliary Energy Consumption            | %        | 6.050                    | 6.050            | 6.050               | 5.750                          | 6.050       | 6.050       | 6.050          | 5.75        | 5.75        | 5.75        | 5.75        | 5.75        |            |            |
| 5.3    | Actual/Projected Auxiliary Energy Consumption            | MJ       | 562.947                  | 562.947          | 562.947             | 513.774                        | 267.386     | 273.915     | 541.301        | 536.544     | 552.442     | 552.442     | 554.031     | 552.442     |            |            |
| 5.4    | Net Generation   | MJ       | 8741.959                 | 8741.959         | 8741.959            | 8421.426                       | 4152.213    | 4253.603    | 8405.816       | 8794.656    | 9055.238    | 9055.238    | 9081.297    | 9055.238    |            |            |
| 6      | Gross Station Heat Rate                                  |          |                          |                  |                     |                                |             |             |                |             |             |             |             |             |            |            |
| 6.1    | Normative Gross Station Heat Rate                        | kcal/kWh | 2303.88                  | 2303.88          | 2303.88             | 2303.88                        | 2303.88     | 2303.88     | 2303.88        | 2300        | 2300        | 2300        | 2300        | 2300        |            |            |
| 6.2    | Actual/Projected Gross Station Heat Rate                 | kcal/kWh | 2305.47                  | 2305.47          | 2305.47             | 2303.88                        | 2337.66     | 2303.88     | 2320.57        | 2315        | 2315        | 2315        | 2315        | 2315        |            |            |
| 7      | Secondary Fuel Oil Consumption                           |          |                          |                  |                     |                                |             |             |                |             |             |             |             |             |            |            |
| 7.1    | Normative Secondary Fuel Oil Consumption                 | ml/kWh   | 0.50                     | 0.50             | 0.50                | 0.50                           | 0.50        | 0.50        | 0.50           | 0.50        | 0.50        | 0.50        | 0.50        | 0.50        |            |            |
| 7.2    | Actual/Projected Secondary Fuel Oil Consumption          | ml/kWh   | 0.5                      | 0.19             | 0.19                | 0.50                           | 0.18        | 0.18        | 0.18           | 0.50        | 0.50        | 0.50        | 0.50        | 0.50        |            |            |
| 8      | Transit Loss   |          |                          |                  |                     |                                |             |             |                |             |             |             |             |             |            |            |
| 8.1    | Normative Transit Loss                                   | %        | 0.8                      | 0.8              | 0.8                 | 0.8                            | 0.8         | 0.8         | 0.8            | 0.8         | 0.8         | 0.8         | 0.8         | 0.8         |            |            |
| 8.2    | Actual/Projected Transit Loss                            | %        | 0.8                      | 0.8              | 0.8                 | 0.8                            | 0.8         | 0.8         | 0.8            | 0.8         | 0.8         | 0.8         | 0.8         | 0.8         |            |            |

Notes: 2% forced outage and 2% lower schedule from grid is considered for projections of FY 2024-25 to FY 2028-29.



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**The Singareni Collieries Company Ltd**  
**Singareni Thermal Power Project**  
**Form 11: Fuel Details for computation of Energy Charge Rate**

| S. No.   | Particulars  | Units   | Year (n-1) FY 2022-23 |               |               |               |
|----------|--|---------|-----------------------|---------------|---------------|---------------|
|          |  |         | Apr-22                | May-22        | Jun-22        | Jul-22        |
| <b>A</b> | <b>Opening Quantity</b>  |         |                       |               |               |               |
| 1        | Opening quantity of coal   | MT      | 112,687.92            | 103,269.23    | 98,887.35     | 95,382.57     |
| 2        | Value of stock   | Rs.     | 462,500,814           | 513,554,005   | 537,802,238   | 528,398,014   |
| <b>B</b> | <b>Procurement</b>   |         |                       |               |               |               |
| 3        | Quantity of coal supplied by the coal company                              | MT      | 465,057.31            | 381,252.12    | 415,855.22    | 478,723.27    |
| 4        | Adjustment in coal quantity supplied by the coal company                   | MT      | -                     | -             | -             | -             |
| 5        | Coal supplied by coal company (3+4)  | MT      | 465,057.31            | 381,252.12    | 415,855.22    | 478,723.27    |
| 6        | Normative transit and handling loss  | MT      | 3,720.46              | 3,050.02      | 3,326.84      | 3,829.79      |
| 7        | Net coal supplied  | MT      | 461,336.85            | 378,202.10    | 412,528.38    | 474,893.48    |
| <b>C</b> | <b>Price</b>   |         |                       |               |               |               |
| 8        | Amount charged by coal company   | Rs.     | 2,341,320,546         | 2,066,782,169 | 2,248,891,647 | 2,351,003,242 |
| 9        | Adjustment in amount charged by the coal company                           | Rs.     | -                     | -             | -             | -             |
| 10       | Handling, sampling and such other similar charges                          | Rs.     | -                     | -             | -             | -             |
| 11       | Total amount charged (8+9+10)  | Rs.     | 2,341,320,546         | 2,066,782,169 | 2,248,891,647 | 2,351,003,242 |
| <b>D</b> | <b>Transportation</b>  |         |                       |               |               |               |
| 12       | Transportation charges   |         | 50,782,284            | 38,162,151    | 46,434,380    | 94,910,577    |
|          | By rail  | Rs.     | 50,782,284            | 38,162,151    | 46,434,380    | 94,910,577    |
|          | By road  | Rs.     | -                     | -             | -             | -             |
|          | By ship  | Rs.     | -                     | -             | -             | -             |
| 13       | Adjustment in amount charged by the coal transporter                       | Rs.     | -                     | -             | -             | -             |
| 14       | Demurrage charges, if any  | Rs.     | -                     | -             | -             | -             |
| 15       | Cost of diesel in transporting coal through MGR system, if applicable      | Rs.     | -                     | -             | -             | -             |
| 16       | Total Transportation charges (12+13+14+15)                                 | Rs.     | 50,782,284            | 38,162,151    | 46,434,380    | 94,910,577    |
| 17       | Total amount charged for coal supplied including transportation (11+16)    | Rs.     | 2,392,102,830         | 2,104,944,320 | 2,295,326,027 | 2,445,913,819 |
| <b>E</b> | <b>Total Cost</b>  |         |                       |               |               |               |
| 18       | Landed cost of coal (2+17)/(1+7)   | Rs./MT  | 4,972.96              | 5,438.53      | 5,539.78      | 5,215.57      |
| 19       | Blending Ratio (Domestic/imported)   |         | 100:0                 | 100:0         | 100:0         | 100:0         |
| 20       | Weighted average cost of coal for preceding three months                   | Rs./MT  | 4,383.54              | 4,506.54      | 4,785.36      | 5,301.02      |
| <b>F</b> | <b>Quality</b>   |         |                       |               |               |               |
| 21       | GCV of Domestic Coal of the opening coal stock as per bill of Coal Company | kcal/kg | 4,073.64              | 4,365.67      | 4,567.02      | 4,519.41      |
| 22       | GCV of Domestic Coal supplied as per bill of Coal Company                  | kcal/kg | 4,437.00              | 4,622         | 4,508         | 4,267         |
| 23       | GCV of Imported Coal of the opening stock as per bill Coal Company         | kcal/kg | -                     | -             | -             | -             |
| 24       | GCV of Imported Coal supplied as per bill Coal Company                     | kcal/kg | -                     | -             | -             | -             |
| 25       | Weighted average GCV of coal as Billed                                     | kcal/kg | 4,365.67              | 4,567.02      | 4,519.41      | 4,309.22      |
| 26       | GCV of Domestic Coal of the opening stock as received at Station           | kcal/kg | 4,029.72              | 4,095.85      | 4,238.93      | 4,244.63      |
| 27       | GCV of Domestic Coal supplied as received at Station                       | kcal/kg | 4,112.00              | 4,285         | 4,246         | 3,913         |
| 28       | GCV of Imported Coal of opening stock as received at Station               | kcal/kg | -                     | -             | -             | -             |
| 29       | GCV of Imported Coal of opening stock as received at Station               | kcal/kg | -                     | -             | -             | -             |
| 30       | Weighted average GCV of coal as Received                                   | kcal/kg | 4095.85               | 4244.43       | 4244.63       | 4001.78       |
| 31       | Weighted average GCV of Coal as Fired for the month                        |         | 4082.00               | 4240.00       | 4216.00       | 3929.00       |
| 32       | Coal Consumption for the month   | MT      | 470,756               | 382,584       | 416,033       | 479,933       |

**Note:**

- 1 Similar details to be furnished for secondary fuel oil for coal based thermal plants with appropriate units.
- 2 As billed and as received GCV, quantity of coal, and price should be submitted as certified by statutory auditor.
- 3 Details to be provided for each source separately. In case of more than one source, add additional column.
- 4 Break up of the amount charged by the Coal Company is to be provided separately.



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**The Singareni Collieries Company Ltd**  
**Singareni Thermal Power Project**  
**Form 11: Fuel Details for computation of Energy Charge Rate**

| S. No.   | Particulars  | Units   | Year (n-1) FY 2022-23 |               |               |               |
|----------|--|---------|-----------------------|---------------|---------------|---------------|
|          |  |         | Aug-22                | Sep-22        | Oct-22        | Nov-22        |
| <b>A</b> | <b>Opening Quantity</b>  |         |                       |               |               |               |
| 1        | Opening quantity of coal   | MT      | 90,342.84             | 201,985.45    | 182,080.74    | 185,065.22    |
| 2        | Value of stock   | Rs.     | 471,188,955           | 1,104,019,607 | 968,567,208   | 999,537,057   |
| <b>B</b> | <b>Procurement</b>   |         |                       |               |               |               |
| 3        | Quantity of coal supplied by the coal company                              | MT      | 552,886.61            | 468,178.29    | 486,262.48    | 500,566.36    |
| 4        | Adjustment in coal quantity supplied by the coal company                   | MT      | -                     | -             | -             | -             |
| 5        | Coal supplied by coal company (3+4)  | MT      | 552,886.61            | 468,178.29    | 486,262.48    | 500,566.36    |
| 6        | Normative transit and handling loss  | MT      | 4,423.09              | 3,745.43      | 3,890.10      | 4,004.53      |
| 7        | Net coal supplied  | MT      | 548,463.52            | 464,432.86    | 482,372.38    | 496,561.83    |
| <b>C</b> | <b>Price</b>   |         |                       |               |               |               |
| 8        | Amount charged by coal company   | Rs.     | 2,920,748,148         | 2,367,600,413 | 2,537,575,450 | 2,674,150,332 |
| 9        | Adjustment in amount charged by the coal company                           | Rs.     | -                     | -             | -             | -             |
| 10       | Handling, sampling and such other similar charges                          | Rs.     | -                     | -             | -             | -             |
| 11       | Total amount charged (8+9+10)  | Rs.     | 2,920,748,148         | 2,367,600,413 | 2,537,575,450 | 2,674,150,332 |
| <b>D</b> | <b>Transportation</b>  |         |                       |               |               |               |
| 12       | Transportation charges   |         | 99,674,511            | 73,375,975    | 82,567,941    | 59,099,344    |
|          | By rail  | Rs.     | 99,674,511            | 73,375,975    | 82,567,941    | 59,099,344    |
|          | By road  | Rs.     | -                     | -             | -             | -             |
|          | By ship  | Rs.     | -                     | -             | -             | -             |
| 13       | Adjustment in amount charged by the coal transporter                       | Rs.     | -                     | -             | -             | -             |
| 14       | Demurrage charges, if any  | Rs.     | -                     | 25,090        | -             | -             |
| 15       | Cost of diesel in transporting coal through MGR system, if applicable      | Rs.     | -                     | -             | -             | -             |
| 16       | Total Transportation charges (12+13+14+15)                                 | Rs.     | 99,674,511            | 73,350,885    | 82,567,941    | 59,099,344    |
| 17       | Total amount charged for coal supplied including transportation (11+16)    | Rs.     | 3,020,422,659         | 2,440,951,298 | 2,620,143,391 | 2,733,249,676 |
| <b>E</b> | <b>Total Cost</b>  |         |                       |               |               |               |
| 18       | Landed cost of coal (2+17)/(1+7)   | Rs./MT  | 5,465.84              | 5,319.44      | 5,401.00      | 5,476.29      |
| 19       | Blending Ratio (Domestic/Imported)   |         | 100:0                 | 100:0         | 100:0         | 100:0         |
| 20       | Weighted average cost of coal for preceding three months                   | Rs./MT  | 5,390.31              | 5,404.86      | 5,337.72      | 5,394.43      |
| <b>F</b> | <b>Quality</b>   |         |                       |               |               |               |
| 21       | GCV of Domestic Coal of the opening coal stock as per bill of Coal Company | kcal/kg | 4,309.22              | 4,327.06      | 4,332.59      | 4,294.41      |
| 22       | GCV of Domestic Coal supplied as per bill of Coal Company                  | kcal/kg | 4,330                 | 4,335         | 4,280         | 4,499         |
| 23       | GCV of Imported Coal of the opening stock as per bill Coal Company         | kcal/kg | -                     | -             | -             | -             |
| 24       | GCV of Imported Coal supplied as per bill Coal Company                     | kcal/kg | -                     | -             | -             | -             |
| 25       | Weighted average GCV of coal as Billed                                     | kcal/kg | 4,327.06              | 4,332.59      | 4,294.41      | 4,443.45      |
| 26       | GCV of Domestic Coal of the opening stock as received at Station           | kcal/kg | 4,001.78              | 4,120.45      | 4,042.78      | 3,976.88      |
| 27       | GCV of Domestic Coal supplied as received at Station                       | kcal/kg | 4,140                 | 4,009         | 3,952         | 3,911         |
| 28       | GCV of Imported Coal of opening stock as received at Station               | kcal/kg | -                     | -             | -             | -             |
| 29       | GCV of Imported Coal of opening stock as received at Station               | kcal/kg | -                     | -             | -             | -             |
| 30       | Weighted average GCV of coal as Received                                   | kcal/kg | 4120.45               | 4042.78       | 3976.88       | 3928.89       |
| 31       | Weighted average GCV of Coal as Fired for the month                        |         | 4090.00               | 3992.00       | 3928.00       | 3890.00       |
| 32       | Coal Consumption for the month   | MT      | 436,821               | 484,338       | 479,368       | 491,471       |

**Note:**

- 1 Similar details to be furnished for secondary fuel oil for coal based thermal plants w
- 2 As billed and as received GCV, quantity of coal, and price should be submitted as c
- 3 Details to be provided for each source separately. In case of more than one source.
- 4 Break up of the amount charged by the Coal Company is to be provided separately.

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The Singareni Collieries Company Ltd  
Singareni Thermal Power Project  
Form 11: Fuel Details for computation of Energy Charge Rate

| S. No.   | Particulars  | Units   | Year (n-1) FY 2022-23 |               |               |               |
|----------|--|---------|-----------------------|---------------|---------------|---------------|
|          |  |         | Dec-22                | Jan-23        | Feb-23        | Mar-23        |
| <b>A</b> | <b>Opening Quantity</b>  |         |                       |               |               |               |
| 1        | Opening quantity of coal   | MT      | 190,155.58            | 175,050.18    | 184,020.82    | 196,109.80    |
| 2        | Value of stock   | Rs.     | 1,041,346,917         | 975,063,491   | 932,206,638   | 1,160,383,354 |
| <b>B</b> | <b>Procurement</b>   |         |                       |               |               |               |
| 3        | Quantity of coal supplied by the coal company                              | MT      | 476,872.60            | 487,985.64    | 240,418.98    | 461,543.90    |
| 4        | Adjustment in coal quantity supplied by the coal company                   | MT      | -                     | -             | -             | -             |
| 5        | Coal supplied by coal company (3+4)  | MT      | 476,872.60            | 487,985.64    | 240,418.98    | 461,543.90    |
| 6        | Normative transit and handling loss  | MT      | 3,814.98              | 3,903.89      | 1,923.35      | 3,692.35      |
| 7        | Net coal supplied  | MT      | 473,057.62            | 484,081.75    | 238,495.63    | 457,851.55    |
| <b>C</b> | <b>Price</b>   |         |                       |               |               |               |
| 8        | Amount charged by coal company   | Rs.     | 2,589,731,642         | 2,711,513,497 | 1,425,675,793 | 2,305,819,506 |
| 9        | Adjustment in amount charged by the coal company                           | Rs.     | -                     | -             | -             | -             |
| 10       | Handling, sampling and such other similar charges                          | Rs.     | -                     | -             | -             | -             |
| 11       | Total amount charged (8+9+10)  | Rs.     | 2,589,731,642         | 2,711,513,497 | 1,425,675,793 | 2,305,819,506 |
| <b>D</b> | <b>Transportation</b>  |         |                       |               |               |               |
| 12       | Transportation charges   |         | 67,105,877            | 59,576,489    | 23,810,815    | 127,229,721   |
|          | By rail  | Rs.     | 67,105,877            | 59,576,489    | 23,810,815    | 127,229,721   |
|          | By road  | Rs.     | -                     | -             | -             | -             |
|          | By ship  | Rs.     | -                     | -             | -             | -             |
| 13       | Adjustment in amount charged by the coal transporter                       | Rs.     | -                     | -             | -             | -             |
| 14       | Demurrage charges, if any  | Rs.     | 3,958,144             | -             | -             | -             |
| 15       | Cost of diesel in transporting coal through MGR system, if applicable      | Rs.     | -                     | -             | -             | -             |
| 16       | Total Transportation charges (12+13+14+15)                                 | Rs.     | 63,147,733            | 59,576,489    | 23,810,815    | 127,229,721   |
| 17       | Total amount charged for coal supplied including transportation (11+16)    | Rs.     | 2,652,879,375         | 2,771,089,986 | 1,449,486,608 | 2,433,049,227 |
| <b>E</b> | <b>Total Cost</b>  |         |                       |               |               |               |
| 18       | Landed cost of coal (2+17)/(1+7)   | Rs./MT  | 5,570.19              | 5,663.47      | 5,917.01      | 5,494.87      |
| 19       | Blending Ratio (Domestic/Imported)   |         | 100:0                 | 100:0         | 100:0         | 100:0         |
| 20       | Weighted average cost of coal for preceding three months                   | Rs./MT  | 5,399.49              | 5,482.39      | 5,575.51      | 5,694.41      |
| <b>F</b> | <b>Quality</b>   |         |                       |               |               |               |
| 21       | GCV of Domestic Coal of the opening coal stock as per bill of Coal Company | kcal/kg | 4,443.45              | 4,483.07      | 4,482.29      | 4,617.21      |
| 22       | GCV of Domestic Coal supplied as per bill of Coal Company                  | kcal/kg | 4,499                 | 4,482         | 4,710         | 4,185         |
| 23       | GCV of Imported Coal of the opening stock as per bill of Coal Company      | kcal/kg | -                     | -             | -             | -             |
| 24       | GCV of Imported Coal supplied as per bill of Coal Company                  | kcal/kg | -                     | -             | -             | -             |
| 25       | Weighted average GCV of coal as Billed                                     | kcal/kg | 4,483.07              | 4,482.29      | 4,617.21      | 4,314.61      |
| 26       | GCV of Domestic Coal of the opening stock as received at Station           | kcal/kg | 3,928.89              | 3,987.46      | 3,981.25      | 4,000.65      |
| 27       | GCV of Domestic Coal supplied as received at Station                       | kcal/kg | 4,011                 | 3,979         | 4,014         | 3,880         |
| 28       | GCV of Imported Coal of opening stock as received at Station               | kcal/kg | -                     | -             | -             | -             |
| 29       | GCV of Imported Coal of opening stock as received at Station               | kcal/kg | -                     | -             | -             | -             |
| 30       | Weighted average GCV of coal as Received                                   | kcal/kg | 3,987.46              | 3,981.25      | 4,000.65      | 3,916.18      |
| 31       | Weighted average GCV of Coal as Fired for the month                        |         | 3,980.00              | 3,920         | 3,995         | 3,840         |
| 32       | Coal Consumption for the month   | MT      | 488,163               | 495,111       | 208,407       | 527,529       |

Note:

- 1 Similar details to be furnished for secondary fuel oil for coal based thermal plants w
- 2 As billed and as received GCV, quantity of coal, and price should be submitted as c
- 3 Details to be provided for each source separately. In case of more than one source.
- 4 Break up of the amount charged by the Coal Company is to be provided separately.

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The Singareni Collieries Company Ltd  
Singareni Thermal Power Project  
Form 11: Fuel Details for computation of Energy Charge Rate

| S. No.   | Particulars  | Units   | Current Year 'n' FY 2023-24 |               |               |               |
|----------|--|---------|-----------------------------|---------------|---------------|---------------|
|          |  |         | Apr-23                      | May-23        | Jun-23        | Jul-23        |
| <b>A</b> | <b>Opening Quantity</b>  |         |                             |               |               |               |
| 1        | Opening quantity of coal   | MT      | 126,432.70                  | 90,149.62     | 120,017.87    | 190,012.69    |
| 2        | Value of stock   | Rs.     | 694,731,247                 | 496,508,666   | 684,510,457   | 1,109,340,827 |
| <b>B</b> | <b>Procurement</b>   |         |                             |               |               |               |
| 3        | Quantity of coal supplied by the coal company                              | MT      | 463,886.92                  | 533,987.25    | 314,347.82    | 341,801.88    |
| 4        | Adjustment in coal quantity supplied by the coal company                   | MT      | -                           | -             | -             | -             |
| 5        | Coal supplied by coal company (3+4)  | MT      | 463,886.92                  | 533,987.25    | 314,347.82    | 341,801.88    |
| 6        | Normative transit and handling loss  | MT      | 3,711.10                    | 4,271.90      | 2,514.78      | 2,734.42      |
| 7        | Net coal supplied  | MT      | 460,175.82                  | 529,715.35    | 311,833.04    | 339,067.46    |
| <b>C</b> | <b>Price</b>   |         |                             |               |               |               |
| 8        | Amount charged by coal company   | Rs.     | 2,455,227,400               | 2,971,227,554 | 1,800,622,916 | 1,948,937,982 |
| 9        | Adjustment in amount charged by the coal company                           | Rs.     | -                           | -             | -             | -             |
| 10       | Handling, sampling and such other similar charges                          | Rs.     | -                           | -             | -             | -             |
| 11       | Total amount charged (8+9+10)  | Rs.     | 2,455,227,400               | 2,971,227,554 | 1,800,622,916 | 1,948,937,982 |
| <b>D</b> | <b>Transportation</b>  |         |                             |               |               |               |
| 12       | Transportation charges   |         | 80,850,490                  | 67,604,437    | 36,118,459    | 62,703,218    |
|          | By rail  | Rs.     | 80,850,490                  | 67,604,437    | 36,118,459    | 62,703,218    |
|          | By road  | Rs.     | -                           | -             | -             | -             |
|          | By ship  | Rs.     | -                           | -             | -             | -             |
| 13       | Adjustment in amount charged by the coal transporter                       | Rs.     | -                           | -             | -             | -             |
| 14       | Demurrage charges, if any  | Rs.     | -                           | -             | -             | 436,532       |
| 15       | Cost of diesel in transporting coal through MGR system, if applicable      | Rs.     | -                           | -             | -             | -             |
| 16       | Total Transportation charges (12+13+14+15)                                 | Rs.     | 80,850,490                  | 67,604,437    | 36,118,459    | 62,266,686    |
| 17       | Total amount charged for coal supplied including transportation (11+16)    | Rs.     | 2,536,077,890               | 3,038,831,991 | 1,836,741,375 | 2,011,204,668 |
| <b>E</b> | <b>Total Cost</b>  |         |                             |               |               |               |
| 18       | Landed cost of coal (2+17)/(1+7)   | Rs./MT  | 5,507.61                    | 5,703.40      | 5,838.25      | 5,898.06      |
| 19       | Blending Ratio (Domestic/imported)   |         | 100:0                       | 100:0         | 100:0         | 100:0         |
| 20       | Weighted average cost of coal for preceding three months                   | Rs./MT  | 5,666.37                    | 5,602.83      | 5,568.37      | 5,668.84      |
| <b>F</b> | <b>Quality</b>   |         |                             |               |               |               |
| 21       | GCV of Domestic Coal of the opening coal stock as per bill of Coal Company | kcal/kg | 4,314.61                    | 4,241.96      | 4,477.85      | 4,423.80      |
| 22       | GCV of Domestic Coal supplied as per bill of Coal Company                  | kcal/kg | 4,222                       | 4,518         | 4,403         | 4,264         |
| 23       | GCV of Imported Coal of the opening stock as per bill Coal Company         | kcal/kg | -                           | -             | -             | -             |
| 24       | GCV of Imported Coal supplied as per bill Coal Company                     | kcal/kg | -                           | -             | -             | -             |
| 25       | Weighted average GCV of coal as Billed                                     | kcal/kg | 4,241.96                    | 4,477.85      | 4,423.80      | 4,321.39      |
| 26       | GCV of Domestic Coal of the opening stock as received at Station           | kcal/kg | 3,916.18                    | 3,794.45      | 3,848.76      | 3,910.31      |
| 27       | GCV of Domestic Coal supplied as received at Station                       | kcal/kg | 3,761                       | 3,858         | 3,934         | 3,770         |
| 28       | GCV of Imported Coal of opening stock as received at Station               | kcal/kg | -                           | -             | -             | -             |
| 29       | GCV of Imported Coal of opening stock as received at Station               | kcal/kg | -                           | -             | -             | -             |
| 30       | Weighted average GCV of coal as Received                                   | kcal/kg | 3794.45                     | 3848.76       | 3910.31       | 3820.39       |
| 31       | Weighted average GCV of Coal as Fired for the month                        |         | 3732                        | 3833          | 3910          | 3723          |
| 32       | Coal Consumption for the month   | MT      | 496,459                     | 499,847       | 241,838       | 473,014       |

Note:

- 1 Similar details to be furnished for secondary fuel oil for coal based thermal plants w
- 2 As billed and as received GCV, quantity of coal, and price should be submitted as c
- 3 Details to be provided for each source separately. In case of more than one source.
- 4 Break up of the amount charged by the Coal Company is to be provided separately.

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The Singareni Collieries Company Ltd  
Singareni Thermal Power Project  
Form 11: Fuel Details for computation of Energy Charge Rate

| S. No.   | Particulars  | Units   | Current Year 'n' FY 2023-24 |               |               |               |
|----------|--|---------|-----------------------------|---------------|---------------|---------------|
|          |  |         | Aug-23                      | Sep-23        | Oct-23        | Nov-23        |
| <b>A</b> | <b>Opening Quantity</b>  |         |                             |               |               |               |
| 1        | Opening quantity of coal   | MT      | 56,066.57                   | 82,404.75     | 70,484.32     | 67,324.05     |
| 2        | Value of stock   | Rs.     | 330,683,888                 | 473,108,787   | 408,894,583   | 391,703,056   |
| <b>B</b> | <b>Procurement</b>   |         |                             |               |               |               |
| 3        | Quantity of coal supplied by the coal company                              | MT      | 580,363.18                  | 487,894.57    | 534,148.73    | 457,793.20    |
| 4        | Adjustment in coal quantity supplied by the coal company                   | MT      | -                           | -             | -             | -             |
| 5        | Coal supplied by coal company (3+4)  | MT      | 580,363.18                  | 487,894.57    | 534,148.73    | 457,793.20    |
| 6        | Normative transit and handling loss  | MT      | 4,642.91                    | 3,903.16      | 4,273.19      | 3,662.35      |
| 7        | Net coal supplied  | MT      | 575,720.27                  | 483,991.41    | 529,875.54    | 454,130.85    |
| <b>C</b> | <b>Price</b>   |         |                             |               |               |               |
| 8        | Amount charged by coal company   | Rs.     | 3,189,117,249               | 2,719,161,356 | 2,987,090,891 | 2,660,336,349 |
| 9        | Adjustment in amount charged by the coal company                           | Rs.     | -                           | -             | -             | -             |
| 10       | Handling, sampling and such other similar charges                          | Rs.     | -                           | -             | -             | -             |
| 11       | Total amount charged (8+9+10)  | Rs.     | 3,189,117,249               | 2,719,161,356 | 2,987,090,891 | 2,660,336,349 |
| <b>D</b> | <b>Transportation</b>  |         |                             |               |               |               |
| 12       | Transportation charges   |         | 107,464,378                 | 93,542,759    | 97,022,112    | 66,917,000    |
|          | By rail  | Rs.     | 107,464,378                 | 93,542,759    | 97,022,112    | 66,917,000    |
|          | By road  | Rs.     | -                           | -             | -             | -             |
|          | By ship  | Rs.     | -                           | -             | -             | -             |
| 13       | Adjustment in amount charged by the coal transporter                       | Rs.     | -                           | -             | -             | -             |
| 14       | Demurrage charges, if any  | Rs.     | -                           | 27,878        | 9,293         | -             |
| 15       | Cost of diesel in transporting coal through MGR system, if applicable      | Rs.     | -                           | -             | -             | -             |
| 16       | Total Transportation charges (12+13+14+15)                                 | Rs.     | 107,464,378                 | 93,514,881    | 97,012,819    | 66,917,000    |
| 17       | Total amount charged for coal supplied including transportation (11+16)    | Rs.     | 3,296,581,627               | 2,812,676,237 | 3,084,103,710 | 2,727,253,349 |
| <b>E</b> | <b>Total Cost</b>  |         |                             |               |               |               |
| 18       | Landed cost of coal (2+17)/(1+7)   | Rs./MT  | 5,741.28                    | 5,801.21      | 5,818.17      | 5,981.26      |
| 19       | Blending Ratio (Domestic/Imported)   |         | 100.0                       | 100.0         | 100.0         | 100.0         |
| 20       | Weighted average cost of coal for preceding three months                   | Rs./MT  | 5,805.39                    | 5,819.65      | 5,808.96      | 5,785.82      |
| <b>F</b> | <b>Quality</b>   |         |                             |               |               |               |
| 21       | GCV of Domestic Coal of the opening coal stock as per bill of Coal Company | kcal/kg | 4,321.39                    | 4,173.41      | 4,144.01      | 4,150.18      |
| 22       | GCV of Domestic Coal supplied as per bill of Coal Company                  | kcal/kg | 4,159                       | 4,139         | 4,151         | 4,336         |
| 23       | GCV of Imported Coal of the opening stock as per bill Coal Company         | kcal/kg | -                           | -             | -             | -             |
| 24       | GCV of Imported Coal supplied as per bill Coal Company                     | kcal/kg | -                           | -             | -             | -             |
| 25       | Weighted average GCV of coal as Billed                                     | kcal/kg | 4,173.41                    | 4,144.01      | 4,150.18      | 4,312.01      |
| 26       | GCV of Domestic Coal of the opening stock as received at Station           | kcal/kg | 3,820.39                    | 3,750.78      | 3,731.31      | 3,808.71      |
| 27       | GCV of Domestic Coal supplied as received at Station                       | kcal/kg | 3,744                       | 3,728         | 3,819         | 3,883         |
| 28       | GCV of Imported Coal of opening stock as received at Station               | kcal/kg | -                           | -             | -             | -             |
| 29       | GCV of Imported Coal of opening stock as received at Station               | kcal/kg | -                           | -             | -             | -             |
| 30       | Weighted average GCV of coal as Received                                   | kcal/kg | 3750.78                     | 3731.31       | 3808.71       | 3873.41       |
| 31       | Weighted average GCV of Coal as Fired for the month                        |         | 3714                        | 3708          | 3766          | 3832          |
| 32       | Coal Consumption for the month   | MT      | 549,382                     | 495,912       | 533,036       | 370,342       |

Note:

- 1 Similar details to be furnished for secondary fuel oil for coal based thermal plants w
- 2 As billed and as received GCV, quantity of coal, and price should be submitted as c
- 3 Details to be provided for each source separately. In case of more than one source,
- 4 Break up of the amount charged by the Coal Company is to be provided separately.



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The Singareni Collieries Company Ltd  
 Singareni Thermal Power Project  
 Form 11.1 : Fuel Details for computation of Energy Charge Rate

| Month  | Unit     | Apr-22       |              | May-22       |              |
|--|----------|--------------|--------------|--------------|--------------|
|  |          | Domestic     | Domestic     | Domestic     | Domestic     |
|  |          | LDO          | HFO          | LDO          | HFO          |
| <b>OPENING QUANTITY</b>  |          |              |              |              |              |
| Opening Stock of Oil   | (KL)     | 495,220      | 732,903      | 461,995      | 713,047      |
| Value of Opening Stock   | (Rs.)    | 29,021,936.9 | 35,027,528.1 | 27,074,228.7 | 34,595,769.2 |
| <b>QUANTITY</b>  |          |              |              |              |              |
| Quantity of Oil supplied by Oil Company                                | (KL)     | 0            | 21.00        | 101          | 126.00       |
| Adjustment (+/-) in quantity supplied made by Oil Company              | (KL)     | 0            | 0            | 0            | 0            |
| Oil supplied by Oil Company (3+4)                                      | (KL)     | 0            | 21.00        | 101          | 126.00       |
| Normative Transit & Handling Losses                                    | (KL)     | 0            | 0            | 0            | 0            |
| Net Oil supplied (5-6)   | (KL)     | 0            | 21.00        | 101          | 126.00       |
| <b>PRICE</b>   |          |              |              |              |              |
| Amount charged by the Oil Company                                      | (Rs.)    | 0            | 1508606      | 10167245.8   | 10184558     |
| Adjustment (+/-) in amount charged made by Oil Company                 | (Rs.)    | 0            | 0            | 0            | 0            |
| Handling, Sampling and such other similar charges                      | (Rs.)    | 0            | 0            | 0            | 0            |
| Total amount Charged (8+9+10)  | (Rs.)    | 0            | 1508606      | 10167245.8   | 10184558     |
| <b>TRANSPORTATION</b>  |          |              |              |              |              |
| Transportation charges by rail/ship/road transport                     | (Rs.)    | 0            | 41895        | 201495       | 251370       |
| By Rail  |          | 0            | 0            | 0            | 0            |
| By Road  |          | 0            | 41895        | 201495       | 251370       |
| By Ship  |          | 0            | 0            | 0            | 0            |
| Adjustment (+/-) in amount charged made by Railways/Transport Company  | (Rs.)    | 0            | 0            | 0            | 0            |
| Demurrage Charges, if any  | (Rs.)    | 0            | 0            | 0            | 0            |
| Cost of diesel in transporting Coal through MGR system, if applicable  |          |              |              |              |              |
| Total Transportation Charges (12+13-14+15)                             | (Rs.)    | 0            | 41895        | 201495       | 251370       |
| Total amount Charged for Oil supplied including Transportation (11+16) | (Rs.)    | 0            | 1550501      | 10368740.8   | 10435928     |
| <b>TOTAL COST</b>  |          |              |              |              |              |
| Landed cost of Oil (2+17)/(1+7)  | Rs./KL   | 58604.13     | 48518.2      | 66507.93     | 53670.1      |
| Blending Ratio (Domestic/imported)                                     |          |              |              |              |              |
| Weighted average cost of Oil for preceding three months                | Rs./KL   |              |              |              |              |
| <b>QUALITY</b>   |          |              |              |              |              |
| GCV of Oil of the opening stock as per Oil Company                     | (kCal/L) | 10080        | 9950         | 10080        | 9950         |
| GCV of Dom. Oil of the opening Oil stock as per bill                   |          |              |              |              |              |
| GCV of Imp. Oil of the opening stock as per bill Oil Co.               |          |              |              |              |              |
| GCV of Imp. Oil supplied as per bill Oil Co.                           |          |              |              |              |              |
| Weighted average GCV of Oil as Billed                                  | (kCal/L) | 10080        | 9950         | 10080        | 9950         |
| GCV of Dom. Oil of the opening stock as received at station            |          |              |              |              |              |
| GCV of Dom. Oil supplied as received at station                        |          |              |              |              |              |
| GCV of Imp. Oil of the opening stock as received at station            |          |              |              |              |              |
| GCV of Imp. Oil supplied as received at station                        |          |              |              |              |              |
| Weighted average GCV of Oil as fired for the month                     | (kCal/L) | 10080        | 9950         | 10080        | 9950         |
| Oil consumption  | KL       | 33,235       | 40,856       | 106,265      | 50,648       |

Details of information to be submitted in respect of fuel consumed for Energy Charges

| Particulars                        | Unit     | LDO      | HFO      | LDO      | HFO      |
|------------------------------------|----------|----------|----------|----------|----------|
| Landed cost of Oil at sl.no 18     | Rs./KL   | 58604.13 | 48518.22 | 66507.93 | 53670.05 |
| Consumption quantity for the month | KL       | 33,235   | 40,856   | 106,265  | 50,648   |
| Weighted Average Rate*             | Rs./KL   | 63042.45 |          | 62364.15 |          |
| Weighted Average GCV of Oil*       | (kCal/L) | 10008.31 |          | 10038.04 |          |

\* In case of no Oil consumption in a month , previous month's price and GCV data is used.

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The Singareni Collieries Company Ltd  
Singareni Thermal Power Project  
Form 11.1 : Fuel Details for computation of Energy Charge Rate

| Month  | Unit     | Jun-22       |              | Jul-22       |              |
|--|----------|--------------|--------------|--------------|--------------|
|  |          | Domestic     | Domestic     | Domestic     | Domestic     |
|  |          | LDO          | HFO          | LDO          | HFO          |
| <b>OPENING QUANTITY</b>  |          |              |              |              |              |
| Opening Stock of Oil   | (KL)     | 456.720      | 788.399      | 371.629      | 726.538      |
| Value of Opening Stock   | (Rs.)    | 30,375,503.8 | 42,313,416.1 | 24,715,277.2 | 40,270,806.3 |
| <b>QUANTITY</b>  |          |              |              |              |              |
| Quantity of Oil supplied by Oil Company                                | (KL)     | 0            | 63.00        | 149.834      | 142.12       |
| Adjustment (+/-) in quantity supplied made by Oil Company              | (KL)     | 0            | 0            | 0            | 0            |
| Oil supplied by Oil Company (3+4)                                      | (KL)     | 0            | 63.00        | 149.834      | 142.12       |
| Normative Transit & Handling Losses                                    | (KL)     | 0            | 0            | 0            | 0            |
| Net Oil supplied (5-6)   | (KL)     | 0            | 63.00        | 149.834      | 142.12       |
| <b>PRICE</b>   |          |              |              |              |              |
| Amount charged by the Oil Company                                      | (Rs.)    | 0            | 4752545      | 15133500     | 9464377      |
| Adjustment (+/-) in amount charged made by Oil Company                 | (Rs.)    | 0            | 0            | 0            | 0            |
| Handling, Sampling and such other similar charges                      | (Rs.)    | 0            | 0            | 0            | 0            |
| Total amount Charged (8+9+10)  | (Rs.)    | 0            | 4752545      | 15133500     | 9464377      |
| <b>TRANSPORTATION</b>  |          |              |              |              |              |
| Transportation charges by rail/ship/road transport                     | (Rs.)    | 0            | 125685       | 298918.83    | 283529       |
| By Rail  |          | 0            | 0            | 0            | 0            |
| By Road  |          | 0            | 125685       | 298918.83    | 283529       |
| By Ship  |          | 0            | 0            | 0            | 0            |
| Adjustment (+/-) in amount charged made by Railways/Transport Company  | (Rs.)    | 0            | 0            | 0            | 0            |
| Demurrage Charges, if any  | (Rs.)    | 0            | 0            | 0            | 0            |
| Cost of diesel in transporting Coal through MGR system, if applicable  |          |              |              |              |              |
| Total Transportation Charges (12+13-14+15)                             | (Rs.)    | 0            | 125685       | 298918.83    | 283529       |
| Total amount Charged for Oil supplied including Transportation (11+16) | (Rs.)    | 0            | 4878230      | 15432418.83  | 9747906      |
| <b>TOTAL COST</b>  |          |              |              |              |              |
| Landed cost of Oil (2+17)/(1+7)  | Rs./KL   | 66507.93     | 55428.4      | 76992.42     | 57581.6      |
| Blending Ratio (Domestic/Imported)                                     |          |              |              |              |              |
| Weighted average cost of Oil for preceding three months                | Rs./KL   |              |              |              |              |
| <b>QUALITY</b>   |          |              |              |              |              |
| GCV of Oil of the opening stock as per Oil Company                     | (kCal/L) | 10080        | 9950         | 10080        | 9950         |
| GCV of Dom. Oil of the opening Oil stock as per bill                   |          |              |              |              |              |
| GCV of Imp. Oil of the opening stock as per bill Oil Co.               |          |              |              |              |              |
| GCV of Imp. Oil supplied as per bill Oil Co.                           |          |              |              |              |              |
| Weighted average GCV of Oil as Billed                                  | (kCal/L) | 10080        | 9950         | 10080        | 9950         |
| GCV of Dom. Oil of the opening stock as received at station            |          |              |              |              |              |
| GCV of Dom. Oil supplied as received at station                        |          |              |              |              |              |
| GCV of Imp. Oil of the opening stock as received at station            |          |              |              |              |              |
| GCV of Imp. Oil supplied as received at station                        |          |              |              |              |              |
| Weighted average GCV of Oil as fired for the month                     | (kCal/L) | 10080        | 9950         | 10080        | 9950         |
| Oil consumption  | KL       | 85.091       | 124.861      | 63.643       | 129.391      |

Details of information to be submitted in respect of fuel consumed for Energy Charges

| Particulars                        | Unit     | LDO      | HFO      | LDO      | HFO      |
|------------------------------------|----------|----------|----------|----------|----------|
| Landed cost of Oil at sl.no 18     | Rs./KL   | 66507.93 | 55428.36 | 76992.42 | 57581.59 |
| Consumption quantity for the month | KL       | 85.091   | 124.861  | 63.643   | 129.391  |
| Weighted Average Rate*             | Rs./KL   | 59918.77 |          | 63981.31 |          |
| Weighted Average GCV of Oil*       | (kCal/L) | 10002.69 |          | 9992.86  |          |

\* In case of no Oil consumption in a month , previous month's price and GCV data is used.

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The Singareni Collieries Company Ltd  
Singareni Thermal Power Project  
Form 11.1 : Fuel Details for computation of Energy Charge Rate

| Month  | Unit     | Aug-22     |            | Sep-22     |            |
|--|----------|------------|------------|------------|------------|
|  |          | Domestic   | Domestic   | Domestic   | Domestic   |
|  |          | LDO        | HFO        | LDO        | HFO        |
| <b>OPENING QUANTITY</b>  |          |            |            |            |            |
| Opening Stock of Oil   | (KL)     | 457,820    | 739,267    | 521,069    | 634,639    |
| Value of Opening Stock   | (Rs.)    | 35,248,668 | 42,568,173 | 41,711,098 | 36,722,116 |
| <b>QUANTITY</b>  |          |            |            |            |            |
| Quantity of Oil supplied by Oil Company                                | (KL)     | 106,845    | 83,00      | 0          | 0          |
| Adjustment (+/-) in quantity supplied made by Oil Company              | (KL)     | 0          | 0          | 0          | 0          |
| Oil supplied by Oil Company (3+4)                                      | (KL)     | 106,845    | 83,00      | 0          | 0          |
| Normative Transit & Handling Losses                                    | (KL)     | 0          | 0          | 0          | 0          |
| Net Oil supplied (5-6)   | (KL)     | 106,845    | 83,00      | 0          | 0          |
| <b>PRICE</b>   |          |            |            |            |            |
| Amount charged by the Oil Company                                      | (Rs.)    | 9739095    | 4845077    | 0          | 0          |
| Adjustment (+/-) in amount charged made by Oil Company                 | (Rs.)    | 0          | 0          | 0          | 0          |
| Handling, Sampling and such other similar charges                      | (Rs.)    | 0          | 0          | 0          | 0          |
| Total amount Charged (8+9+10)  | (Rs.)    | 9739094.6  | 4845077    | 0          | 0          |
| <b>TRANSPORTATION</b>  |          |            |            |            |            |
| Transportation charges by rail/ship/road transport                     | (Rs.)    | 213156     | 165585     | 0          | 0          |
| By Rail  |          | 0          | 0          | 0          | 0          |
| By Road  |          | 213156     | 165585     | 0          | 0          |
| By Ship  |          | 0          | 0          | 0          | 0          |
| Adjustment (+/-) in amount charged made by Railways/Transport Company  | (Rs.)    | 0          | 0          | 0          | 0          |
| Demurrage Charges, if any  | (Rs.)    | 0          | 0          | 0          | 0          |
| Cost of diesel in transporting Coal through MGR system, if applicable  |          |            |            |            |            |
| Total Transportation Charges (12+13-14+15)                             | (Rs.)    | 213156     | 165585     | 0          | 0          |
| Total amount Charged for Oil supplied including Transportation (11+16) | (Rs.)    | 9952250    | 5010662    | 0          | 0          |
| <b>TOTAL COST</b>  |          |            |            |            |            |
| Landed cost of Oil (2+17)/(1+7)  | Rs./KL   | 80049.09   | 57863.0    | 80049.09   | 57863.0    |
| Blending Ratio (Domestic/Imported)                                     |          |            |            |            |            |
| Weighted average cost of Oil for preceding three months                | Rs./KL   |            |            |            |            |
| <b>QUALITY</b>   |          |            |            |            |            |
| GCV of Oil of the opening stock as per Oil Company                     | (kCal/L) | 10080      | 9950       | 10080      | 9950       |
| GCV of Dom. Oil of the opening Oil stock as per bill                   |          |            |            |            |            |
| GCV of Imp. Oil of the opening stock as per bill Oil Co.               |          |            |            |            |            |
| GCV of Imp. Oil supplied as per bill Oil Co.                           |          |            |            |            |            |
| Weighted average GCV of Oil as Billed                                  | (kCal/L) | 10080      | 9950       | 10080      | 9950       |
| GCV of Dom. Oil of the opening stock as received at station            |          |            |            |            |            |
| GCV of Dom. Oil supplied as received at station                        |          |            |            |            |            |
| GCV of Imp. Oil of the opening stock as received at station            |          |            |            |            |            |
| GCV of Imp. Oil supplied as received at station                        |          |            |            |            |            |
| Weighted average GCV of Oil as fired for the month                     | (kCal/L) | 10080      | 9950       | 10080      | 9950       |
| Oil consumption  | KL       | 43,596     | 187,628    | -          | -          |

Details of information to be submitted in respect of fuel consumed for Energy Charges

| Particulars                        | Unit     | LDO      | HFO      | LDO      | HFO      |
|------------------------------------|----------|----------|----------|----------|----------|
| Landed cost of Oil at sl.no 18     | Rs./KL   | 80049.09 | 57863.00 | 80049.09 | 57863.00 |
| Consumption quantity for the month | KL       | 43,596   | 187,628  | -        | 0        |
| Weighted Average Rate*             | Rs./KL   | 62046.06 |          | 62046.06 |          |
| Weighted Average GCV of Oil*       | (kCal/L) | 9974.51  |          | 9974.51  |          |

\* In case of no Oil consumption in a month, previous month's price and GCV data is used.



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The Singareni Collieries Company Ltd  
Singareni Thermal Power Project  
Form 11.1 : Fuel Details for computation of Energy Charge Rate

| Month  | Unit     | Oct-22     |            | Nov-22     |            |
|--|----------|------------|------------|------------|------------|
|  |          | Domestic   | Domestic   | Domestic   | Domestic   |
|  |          | LDO        | HFO        | LDO        | HFO        |
| <b>OPENING QUANTITY</b>  |          |            |            |            |            |
| Opening Stock of Oil   | (KL)     | 521.069    | 634.639    | 503.626    | 592.126    |
| Value of Opening Stock   | (Rs.)    | 41,711,098 | 36,722,116 | 40,314,802 | 34,262,186 |
| <b>QUANTITY</b>  |          |            |            |            |            |
| Quantity of Oil supplied by Oil Company                                | (KL)     | 0          | 0          | 0          | 77.00      |
| Adjustment (+/-) in quantity supplied made by Oil Company              | (KL)     | 0          | 0          | 0          | 0          |
| Oil supplied by Oil Company (3+4)                                      | (KL)     | 0          | 0          | 0          | 77.00      |
| Normative Transit & Handling Losses                                    | (KL)     | 0          | 0          | 0          | 0          |
| Net Oil supplied (5-6)   | (KL)     | 0          | 0          | 0          | 77.00      |
| <b>PRICE</b>   |          |            |            |            |            |
| Amount charged by the Oil Company                                      | (Rs.)    | 0          | 0          | 0          | 3923475    |
| Adjustment (+/-) in amount charged made by Oil Company                 | (Rs.)    | 0          | 0          | 0          | 0          |
| Handling, Sampling and such other similar charges                      | (Rs.)    | 0          | 0          | 0          | 0          |
| Total amount Charged (8+9+10)  | (Rs.)    | 0          | 0          | 0          | 3923475    |
| <b>TRANSPORTATION</b>  |          |            |            |            |            |
| Transportation charges by rail/ship/road transport                     | (Rs.)    | 0          | 0          | 0          | 153615     |
| By Rail  |          | 0          | 0          | 0          | 0          |
| By Road  |          | 0          | 0          | 0          | 153615     |
| By Ship  |          | 0          | 0          | 0          | 0          |
| Adjustment (+/-) in amount charged made by Railways/Transport Company  | (Rs.)    | 0          | 0          | 0          | 0          |
| Demurrage Charges, if any  | (Rs.)    | 0          | 0          | 0          | 0          |
| Cost of diesel in transporting Coal through MGR system, if applicable  |          |            |            |            |            |
| Total Transportation Charges (12+13-14+15)                             | (Rs.)    | 0          | 0          | 0          | 153615     |
| Total amount Charged for Oil supplied including Transportation (11+16) | (Rs.)    | 0          | 0          | 0          | 4077090    |
| <b>TOTAL COST</b>  |          |            |            |            |            |
| Landed cost of Oil (2+17)/(1+7)  | Rs./KL   | 80049.09   | 57863.0    | 80049.09   | 57297.5    |
| Blending Ratio (Domestic/Imported)                                     |          |            |            |            |            |
| Weighted average cost of Oil for preceding three months                | Rs./KL   |            |            |            |            |
| <b>QUALITY</b>   |          |            |            |            |            |
| GCV of Oil of the opening stock as per Oil Company                     | (kCal/L) | 10080      | 9950       | 10080      | 9950       |
| GCV of Dom. Oil of the opening Oil stock as per bill                   |          |            |            |            |            |
| GCV of Imp. Oil of the opening stock as per bill Oil Co.               |          |            |            |            |            |
| GCV of Imp. Oil supplied as per bill Oil Co.                           |          |            |            |            |            |
| Weighted average GCV of Oil as Billed                                  | (kCal/L) | 10080      | 9950       | 10080      | 9950       |
| GCV of Dom. Oil of the opening stock as received at station            |          |            |            |            |            |
| GCV of Dom. Oil supplied as received at station                        |          |            |            |            |            |
| GCV of Imp. Oil of the opening stock as received at station            |          |            |            |            |            |
| GCV of Imp. Oil supplied as received at station                        |          |            |            |            |            |
| Weighted average GCV of Oil as fired for the month                     | (kCal/L) | 10080      | 9950       | 10080      | 9950       |
| Oil consumption  | KL       | 17.443     | 42.513     | 50.442     | 11.321     |

Details of information to be submitted in respect of fuel consumed for Energy Charges

| Particulars                        | Unit     | LDO      | HFO      | LDO      | HFO      |
|------------------------------------|----------|----------|----------|----------|----------|
| Landed cost of Oil at sl.no 18     | Rs./KL   | 80049.09 | 57863.00 | 80049.09 | 57297.54 |
| Consumption quantity for the month | KL       | 17.443   | 42.513   | 50.442   | 11.321   |
| Weighted Average Rate*             | Rs./KL   | 64317.60 |          | 75878.79 |          |
| Weighted Average GCV of Oil*       | (kCal/L) | 9987.82  |          | 10056.17 |          |

\* In case of no Oil consumption in a month, previous month's price and GCV data is used.

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The Singareni Collieries Company Ltd  
Singareni Thermal Power Project  
Form 11.1 : Fuel Details for computation of Energy Charge Rate

| Month  | Unit     | Dec-22     |            | Jan-23     |            |
|--|----------|------------|------------|------------|------------|
|  |          | Domestic   | Domestic   | Domestic   | Domestic   |
|  |          | LDO        | HFO        | LDO        | HFO        |
| <b>OPENING QUANTITY</b>  |          |            |            |            |            |
| Opening Stock of Oil   | (KL)     | 453.184    | 657.805    | 420.562    | 782.544    |
| Value of Opening Stock   | (Rs.)    | 36,276,966 | 37,690,611 | 33,705,374 | 43,856,084 |
| <b>QUANTITY</b>  |          |            |            |            |            |
| Quantity of Oil supplied by Oil Company                                | (KL)     | 29.00      | 173.60     | 102.00     | 100.00     |
| Adjustment (+/-) in quantity supplied made by Oil Company              | (KL)     | 0          | 0          | 0          | 0          |
| Oil supplied by Oil Company (3+4)                                      | (KL)     | 29.00      | 173.60     | 102.00     | 100.00     |
| Normative Transit & Handling Losses                                    | (KL)     | 0          | 0          | 0          | 0          |
| Net Oil supplied (5-6)   | (KL)     | 29.00      | 173.60     | 102.00     | 100.00     |
| <b>PRICE</b>   |          |            |            |            |            |
| Amount charged by the Oil Company                                      | (Rs.)    | 2309166    | 8557456    | 8121893    | 4789665    |
| Adjustment (+/-) in amount charged made by Oil Company                 | (Rs.)    | 0          | 0          | 0          | 0          |
| Handling, Sampling and such other similar charges                      | (Rs.)    | 0          | 0          | 0          | 0          |
| Total amount Charged (8+9+10)  | (Rs.)    | 2309166    | 8557456    | 8121893    | 4789665    |
| <b>TRANSPORTATION</b>  |          |            |            |            |            |
| Transportation charges by rail/ship/road transport                     | (Rs.)    | 57855      | 346332     | 203490     | 199500     |
| By Rail  |          | 0          | 0          | 0          | 0          |
| By Road  |          | 57855      | 346332     | 203490     | 199500     |
| By Ship  |          | 0          | 0          | 0          | 0          |
| .....  |          |            |            |            |            |
| Adjustment (+/-) in amount charged made by Railways/Transport Company  | (Rs.)    | 0          | 0          | 0          | 0          |
| Demurrage Charges, if any  | (Rs.)    | 0          | 0          | 0          | 0          |
| Cost of diesel in transporting Coal through MGR system, if applicable  |          |            |            |            |            |
| Total Transportation Charges (12+13-14+15)                             | (Rs.)    | 57855      | 346332     | 203490     | 199500     |
| Total amount Charged for Oil supplied including Transportation (11+16) | (Rs.)    | 2367021    | 8903788    | 8325383    | 4989165    |
| <b>TOTAL COST</b>  |          |            |            |            |            |
| Landed cost of Oil (2+17)/(1+7)  | Rs./KL   | 80143.65   | 56043.0    | 80432.10   | 55346.0    |
| Blending Ratio (Domestic/Imported)                                     |          |            |            |            |            |
| Weighted average cost of Oil for preceding three months                | Rs./KL   |            |            |            |            |
| <b>QUALITY</b>   |          |            |            |            |            |
| GCV of Oil of the opening stock as per Oil Company                     | (kCal/L) | 10080      | 9950       | 10080      | 9950       |
| GCV of Dom. Oil of the opening Oil stock as per bill                   |          |            |            |            |            |
| GCV of Imp. Oil of the opening stock as per bill Oil Co.               |          |            |            |            |            |
| GCV of Imp. Oil supplied as per bill Oil Co.                           |          |            |            |            |            |
| Weighted average GCV of Oil as Billed                                  | (kCal/L) | 10080      | 9950       | 10080      | 9950       |
| GCV of Dom. Oil of the opening stock as received at station            |          |            |            |            |            |
| GCV of Dom. Oil supplied as received at station                        |          |            |            |            |            |
| GCV of Imp. Oil of the opening stock as received at station            |          |            |            |            |            |
| GCV of Imp. Oil supplied as received at station                        |          |            |            |            |            |
| Weighted average GCV of Oil as fired for the month                     | (kCal/L) | 10080      | 9950       | 10080      | 9950       |
| Oil consumption  | KL       | 61.622     | 48.861     | 41.642     | 67.160     |

Details of information to be submitted in respect of fuel consumed for Energy Charges

| Particulars                        | Unit     | LDO      | HFO      | LDO      | HFO      |
|------------------------------------|----------|----------|----------|----------|----------|
| Landed cost of Oil at sl.no 18     | Rs./KL   | 80143.65 | 56042.96 | 80432.10 | 55345.96 |
| Consumption quantity for the month | KL       | 61.622   | 48.861   | 41.642   | 67.16    |
| Weighted Average Rate*             | Rs./KL   | 69485.14 |          | 64947.23 |          |
| Weighted Average GCV of Oil*       | (kCal/L) | 10022.51 |          | 9999.76  |          |

\* In case of no Oil consumption in a month, previous month's price and GCV data is used.

**The Singareni Collieries Company Ltd**  
**Singareni Thermal Power Project**  
**Form 11.1 : Fuel Details for computation of Energy Charge Rate**

| Month  | Unit     | Feb-23     |            | Mar-23     |            |
|--|----------|------------|------------|------------|------------|
|  |          | Domestic   | Domestic   | Domestic   | Domestic   |
|  |          | LDO        | HFO        | LDO        | HFO        |
| <b>OPENING QUANTITY</b>  |          |            |            |            |            |
| Opening Stock of Oil   | (KL)     | 480,920    | 815,384    | 257,153    | 702,100    |
| Value of Opening Stock   | (Rs.)    | 38,681,404 | 45,128,214 | 20,908,735 | 38,686,776 |
| <b>QUANTITY</b>  |          |            |            |            |            |
| Quantity of Oil supplied by Oil Company                                | (KL)     | 96,955     | 73,00      | 214,000    | 155,82     |
| Adjustment (+/-) in quantity supplied made by Oil Company              | (KL)     | 0          | 0          | 0          | 0          |
| Oil supplied by Oil Company (3+4)                                      | (KL)     | 96,955     | 73,00      | 214,000    | 155,82     |
| Normative Transit & Handling Losses                                    | (KL)     | 0          | 0          | 0          | 0          |
| Net Oil supplied (5-6)   | (KL)     | 96,955     | 73,00      | 214,000    | 155,82     |
| <b>PRICE</b>   |          |            |            |            |            |
| Amount charged by the Oil Company                                      | (Rs.)    | 8111344    | 3677458    | 16963786   | 8538017    |
| Adjustment (+/-) in amount charged made by Oil Company                 | (Rs.)    | 0          | 0          | 0          | 0          |
| Handling, Sampling and such other similar charges                      | (Rs.)    | 0          | 0          | 0          | 0          |
| Total amount Charged (8+9+10)  | (Rs.)    | 8111344    | 3677458    | 16963786   | 8538017    |
| <b>TRANSPORTATION</b>  |          |            |            |            |            |
| Transportation charges by rail/ship/road transport                     | (Rs.)    | 193425     | 145635     | 426930     | 310861     |
| By Rail  |          | 0          | 0          | 0          | 0          |
| By Road  |          | 193425     | 145635     | 426930     | 310861     |
| By Ship  |          | 0          | 0          | 0          | 0          |
| Adjustment (+/-) in amount charged made by Railways/Transport Company  | (Rs.)    | 0          | 0          | 0          | 0          |
| Demurrage Charges, if any  | (Rs.)    | 0          | 0          | 0          | 0          |
| Cost of diesel in transporting Coal through MGR system, if applicable  |          |            |            |            |            |
| Total Transportation Charges (12+13-14+15)                             | (Rs.)    | 193425     | 145635     | 426930     | 310861     |
| Total amount Charged for Oil supplied including Transportation (11+16) | (Rs.)    | 8304769    | 3823093    | 17390716   | 8848877    |
| <b>TOTAL COST</b>  |          |            |            |            |            |
| Landed cost of Oil (2+17)/(1+7)  | Rs./KL   | 81308.54   | 55101.5    | 81288.78   | 55408.0    |
| Blending Ratio (Domestic/Imported)                                     |          |            |            |            |            |
| Weighted average cost of Oil for preceding three months                | Rs./KL   |            |            |            |            |
| <b>QUALITY</b>   |          |            |            |            |            |
| GCV of Oil of the opening stock as per Oil Company                     | (kCal/L) | 10080      | 9950       | 10080      | 9950       |
| GCV of Dom. Oil of the opening Oil stock as per bill                   |          |            |            |            |            |
| GCV of Imp. Oil of the opening stock as per bill Oil Co.               |          |            |            |            |            |
| GCV of Imp. Oil supplied as per bill Oil Co.                           |          |            |            |            |            |
| Weighted average GCV of Oil as Billed                                  | (kCal/L) | 10080      | 9950       | 10080      | 9950       |
| GCV of Dom. Oil of the opening stock as received at station            |          |            |            |            |            |
| GCV of Dom. Oil supplied as received at station                        |          |            |            |            |            |
| GCV of Imp. Oil of the opening stock as received at station            |          |            |            |            |            |
| GCV of Imp. Oil supplied as received at station                        |          |            |            |            |            |
| Weighted average GCV of Oil as fired for the month                     | (kCal/L) | 10080      | 9950       | 10080      | 9950       |
| Oil consumption  | KL       | 320,722    | 186,284    | 39,811     | 0.787      |

**Details of information to be submitted in respect of fuel consumed for Energy Charges**

| Particulars                        | Unit     | LDO      | HFO      | LDO      | HFO      |
|------------------------------------|----------|----------|----------|----------|----------|
| Landed cost of Oil at sl.no 18     | Rs./KL   | 81308.54 | 55101.52 | 81288.78 | 55408.03 |
| Consumption quantity for the month | KL       | 320,722  | 186,284  | 39,811   | 0.787    |
| Weighted Average Rate*             | Rs./KL   | 71679.56 |          | 80787.07 |          |
| Weighted Average GCV of Oil*       | (kCal/L) | 10032.24 |          | 10077.48 |          |

\* In case of no Oil consumption in a month, previous month's price and GCV data is used.

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The Singareni Collieries Company Ltd  
Singareni Thermal Power Project  
Form 11.1 : Fuel Details for computation of Energy Charge Rate

| Month  | Unit     | Apr-23     |            | May-23     |            |
|--|----------|------------|------------|------------|------------|
|  |          | Domestic   | Domestic   | Domestic   | Domestic   |
|  |          | LDO        | HFO        | LDO        | HFO        |
| <b>OPENING QUANTITY</b>  |          |            |            |            |            |
| Opening Stock of Oil   | (KL)     | 431.342    | 857.133    | 396.536    | 767.525    |
| Value of Opening Stock   | (Rs.)    | 35,063,264 | 47,492,047 | 32,233,926 | 42,527,045 |
| <b>QUANTITY</b>  |          |            |            |            |            |
| Quantity of Oil supplied by Oil Company                                | (KL)     | 0          | 0          | 58         | 178        |
| Adjustment (+/-) in quantity supplied made by Oil Company              | (KL)     | 0          | 0          | 0          | 0          |
| Oil supplied by Oil Company (3+4)                                      | (KL)     | 0          | 0          | 58         | 178        |
| Normative Transit & Handling Losses                                    | (KL)     | 0          | 0          | 0          | 0          |
| Net Oil supplied (5-6)   | (KL)     | 0          | 0          | 58         | 178        |
| <b>PRICE</b>   |          |            |            |            |            |
| Amount charged by the Oil Company                                      | (Rs.)    | 0          | 0          | 3891498    | 9570572    |
| Adjustment (+/-) in amount charged made by Oil Company                 | (Rs.)    | 0          | 0          | 0          | 0          |
| Handling, Sampling and such other similar charges                      | (Rs.)    | 0          | 0          | 0          | 0          |
| Total amount Charged (8+9+10)  | (Rs.)    | 0          | 0          | 3891498    | 9570572    |
| <b>TRANSPORTATION</b>  |          |            |            |            |            |
| Transportation charges by rail/ship/road transport                     | (Rs.)    | 0          | 0          | 115710     | 355110     |
| By Rail  |          | 0          | 0          | 0          | 0          |
| By Road  |          | 0          | 0          | 115710     | 355110     |
| By Ship  |          | 0          | 0          | 0          | 0          |
| Adjustment (+/-) in amount charged made by Railways/Transport Company  | (Rs.)    | 0          | 0          | 0          | 0          |
| Demurrage Charges, if any  | (Rs.)    | 0          | 0          | 0          | 0          |
| Cost of diesel in transporting Coal through MGR system, if applicable  |          |            |            |            |            |
| Total Transportation Charges (12+13-14+15)                             | (Rs.)    | 0          | 0          | 115710     | 355110     |
| Total amount Charged for Oil supplied including Transportation (11+16) | (Rs.)    | 0          | 0          | 4007208    | 9925682    |
| <b>TOTAL COST</b>  |          |            |            |            |            |
| Landed cost of Oil (2+17)/(1+7)  | Rs./KL   | 81288.78   | 55408.0    | 79732.16   | 55474.7    |
| Blending Ratio (Domestic/Imported)                                     |          |            |            |            |            |
| Weighted average cost of Oil for preceding three months                | Rs./KL   |            |            |            |            |
| <b>QUALITY</b>   |          |            |            |            |            |
| GCV of Oil of the opening stock as per Oil Company                     | (kCal/L) | 10080      | 9950       | 10080      | 9950       |
| GCV of Dom. Oil of the opening Oil stock as per bill                   |          |            |            |            |            |
| GCV of Imp. Oil of the opening stock as per bill Oil Co.               |          |            |            |            |            |
| GCV of Imp. Oil supplied as per bill Oil Co.                           |          |            |            |            |            |
| Weighted average GCV of Oil as Billed                                  | (kCal/L) | 10080      | 9950       | 10080      | 9950       |
| GCV of Dom. Oil of the opening stock as received at station            |          |            |            |            |            |
| GCV of Dom. Oil supplied as received at station                        |          |            |            |            |            |
| GCV of Imp. Oil of the opening stock as received at station            |          |            |            |            |            |
| GCV of Imp. Oil supplied as received at station                        |          |            |            |            |            |
| Weighted average GCV of Oil as fired for the month                     | (kCal/L) | 10080      | 9950       | 10080      | 9950       |
| Oil consumption  | KL       | 34.808     | 89.608     | 27.672     | 39.005     |

Details of information to be submitted in respect of fuel consumed for Energy Charges

| Particulars                        | Unit     | LDO      | HFO      | LDO      | HFO      |
|------------------------------------|----------|----------|----------|----------|----------|
| Landed cost of Oil at sl.no 18     | Rs./KL   | 81288.78 | 55408.03 | 79732.16 | 55474.71 |
| Consumption quantity for the month | KL       | 34.806   | 89.608   | 27.672   | 39.005   |
| Weighted Average Rate*             | Rs./KL   | 62648.41 |          | 65541.93 |          |
| Weighted Average GCV of Oil*       | (kCal/L) | 9986.37  |          | 10003.95 |          |

\* In case of no Oil consumption in a month, previous month's price and GCV data is used.

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The Singareni Collieries Company Ltd  
Singareni Thermal Power Project  
Form 11.1 : Fuel Details for computation of Energy Charge Rate

| Month  | Unit     | Jun-23     |            | Jul-23     |            |
|--|----------|------------|------------|------------|------------|
|  |          | Domestic   | Domestic   | Domestic   | Domestic   |
|  |          | LDO        | HFO        | LDO        | HFO        |
| <b>OPENING QUANTITY</b>  |          |            |            |            |            |
| Opening Stock of Oil   | (KL)     | 426,864    | 906,520    | 451,692    | 906,520    |
| Value of Opening Stock   | (Rs.)    | 34,034,787 | 50,288,936 | 35,791,892 | 50,288,936 |
| <b>QUANTITY</b>  |          |            |            |            |            |
| Quantity of Oil supplied by Oil Company                                | (KL)     | 24.88      | 0          | 124.975    | 0          |
| Adjustment (+/-) in quantity supplied made by Oil Company              | (KL)     | 0          | 0          | 0          | 0          |
| Oil supplied by Oil Company (3+4)                                      | (KL)     | 24.88      | 0          | 124.975    | 0          |
| Normative Transit & Handling Losses                                    | (KL)     | 0          | 0          | 0          | 0          |
| Net Oil supplied (5-6)   | (KL)     | 24.88      | 0          | 124.975    | 0          |
| <b>PRICE</b>   |          |            |            |            |            |
| Amount charged by the Oil Company                                      | (Rs.)    | 1711590    | 0          | 8765925    | 0          |
| Adjustment (+/-) in amount charged made by Oil Company                 | (Rs.)    | 0          | 0          | 0          | 0          |
| Handling, Sampling and such other similar charges                      | (Rs.)    | 0          | 0          | 0          | 0          |
| Total amount Charged (8+9+10)  | (Rs.)    | 1711590    | 0          | 8765925    | 0          |
| <b>TRANSPORTATION</b>  |          |            |            |            |            |
| Transportation charges by rail/ship/road transport                     | (Rs.)    | 49636      | 0          | 237110     | 0          |
| By Rail  |          | 0          | 0          | 0          | 0          |
| By Road  |          | 49636      | 0          | 237110     | 0          |
| By Ship  |          | 0          | 0          | 0          | 0          |
| Adjustment (+/-) in amount charged made by Railways/Transport Company  | (Rs.)    | 0          | 0          | 0          | 0          |
| Demurrage Charges, if any  | (Rs.)    | 0          | 0          | 0          | 0          |
| Cost of diesel in transporting Coal through MGR system, if applicable  |          |            |            |            |            |
| Total Transportation Charges (12+13-14+15)                             | (Rs.)    | 49636      | 0          | 237110     | 0          |
| Total amount Charged for Oil supplied including Transportation (11+16) | (Rs.)    | 1761226    | 0          | 9003035    | 0          |
| <b>TOTAL COST</b>  |          |            |            |            |            |
| Landed cost of Oil (2+17)/(1+7)  | Rs./KL   | 79239.60   | 55474.7    | 77679.02   | 55474.7    |
| Blending Ratio (Domestic/Imported)                                     |          |            |            |            |            |
| Weighted average cost of Oil for preceding three months                | Rs./KL   |            |            |            |            |
| <b>QUALITY</b>   |          |            |            |            |            |
| GCV of Oil of the opening stock as per Oil Company                     | (kCal/L) | 10080      | 9950       | 10080      | 9950       |
| GCV of Dom. Oil of the opening Oil stock as per bill                   |          |            |            |            |            |
| GCV of Imp. Oil of the opening stock as per bill Oil Co.               |          |            |            |            |            |
| GCV of Imp. Oil supplied as per bill Oil Co.                           |          |            |            |            |            |
| Weighted average GCV of Oil as Billed                                  | (kCal/L) | 10080      | 9950       | 10080      | 9950       |
| GCV of Dom. Oil of the opening stock as received at station            |          |            |            |            |            |
| GCV of Dom. Oil supplied as received at station                        |          |            |            |            |            |
| GCV of Imp. Oil of the opening stock as received at station            |          |            |            |            |            |
| GCV of Imp. Oil supplied as received at station                        |          |            |            |            |            |
| Weighted average GCV of Oil as fired for the month                     | (kCal/L) | 10080      | 9950       | 10080      | 9950       |
| Oil consumption  | KL       | 0.052      | 0.00       | 307.287    | 151.469    |

Details of information to be submitted in respect of fuel consumed for Energy Charges

| Particulars                        | Unit     | LDO      | HFO      | LDO      | HFO      |
|------------------------------------|----------|----------|----------|----------|----------|
| Landed cost of Oil at sl.no 18     | Rs./KL   | 79239.60 | 55474.71 | 77679.02 | 55474.71 |
| Consumption quantity for the month | KL       | 0.052    | 0        | 307.287  | 151.469  |
| Weighted Average Rate*             | Rs./KL   | 79239.60 |          | 70347.75 |          |
| Weighted Average GCV of Oil*       | (kCal/L) | 10080.00 |          | 10037.08 |          |

\* In case of no Oil consumption in a month, previous month's price and GCV data is used.

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The Singareni Collieries Company Ltd  
Singareni Thermal Power Project  
Form 11.1 : Fuel Details for computation of Energy Charge Rate

| Month  | Unit     | Aug-23     |            | Sep-23     |            |
|--|----------|------------|------------|------------|------------|
|  |          | Domestic   | Domestic   | Domestic   | Domestic   |
|  |          | LDO        | HFO        | LDO        | HFO        |
| <b>OPENING QUANTITY</b>  |          |            |            |            |            |
| Opening Stock of Oil   | (KL)     | 269,380    | 755,051    | 494,380    | 755,051    |
| Value of Opening Stock   | (Rs.)    | 20,925,174 | 41,886,237 | 39,011,859 | 41,886,237 |
| <b>QUANTITY</b>  |          |            |            |            |            |
| Quantity of Oil supplied by Oil Company                                | (KL)     | 225,000    | 0          | 25,000     | 174,960    |
| Adjustment (+/-) in quantity supplied made by Oil Company              | (KL)     | 0          | 0          | 0          | 0          |
| Oil supplied by Oil Company (3+4)                                      | (KL)     | 225,000    | 0          | 25,000     | 174,960    |
| Normative Transit & Handling Losses                                    | (KL)     | 0          | 0          | 0          | 0          |
| Net Oil supplied (5-6)   | (KL)     | 225,000    | 0          | 25,000     | 174,960    |
| <b>PRICE</b>   |          |            |            |            |            |
| Amount charged by the Oil Company                                      | (Rs.)    | 17662240   | 0          | 2162055    | 11355675   |
| Adjustment (+/-) in amount charged made by Oil Company                 | (Rs.)    | 0          | 0          | 0          | 0          |
| Handling, Sampling and such other similar charges                      | (Rs.)    | 0          | 0          | 0          | 0          |
| Total amount Charged (8+9+10)  | (Rs.)    | 17662240   | 0          | 2162055    | 11355675   |
| <b>TRANSPORTATION</b>  |          |            |            |            |            |
| Transportation charges by rail/ship/road transport                     | (Rs.)    | 424445     | 0          | 37660      | 263559     |
| By Rail  |          | 0          | 0          | 0          | 0          |
| By Road  |          | 424445     | 0          | 37660      | 263559     |
| By Ship  |          | 0          | 0          | 0          | 0          |
| Adjustment (+/-) in amount charged made by Railways/Transport Company  | (Rs.)    | 0          | 0          | 0          | 0          |
| Demurrage Charges, if any  | (Rs.)    | 0          | 0          | 0          | 0          |
| Cost of diesel in transporting Coal through MGR system, if applicable  |          |            |            |            |            |
| Total Transportation Charges (12+13-14+15)                             | (Rs.)    | 424445     | 0          | 37660      | 263559     |
| Total amount Charged for Oil supplied including Transportation (11+16) | (Rs.)    | 18086685   | 0          | 2199715    | 11619233   |
| <b>TOTAL COST</b>  |          |            |            |            |            |
| Landed cost of Oil (2+17)/(1+7)  | Rs./KL   | 78910.67   | 55474.7    | 79347.63   | 57532.1    |
| Blending Ratio (Domestic/Imported)                                     |          |            |            |            |            |
| Weighted average cost of Oil for preceding three months                | Rs./KL   |            |            |            |            |
| <b>QUALITY</b>   |          |            |            |            |            |
| GCV of Oil of the opening stock as per Oil Company                     | (kCal/L) | 10080      | 9950       | 10080      | 9950       |
| GCV of Dom. Oil of the opening Oil stock as per bill                   |          |            |            |            |            |
| GCV of Imp. Oil of the opening stock as per bill Oil Co.               |          |            |            |            |            |
| GCV of Imp. Oil supplied as per bill Oil Co.                           |          |            |            |            |            |
| Weighted average GCV of Oil as Billed                                  | (kCal/L) | 10080      | 9950       | 10080      | 9950       |
| GCV of Dom. Oil of the opening stock as received at station            |          |            |            |            |            |
| GCV of Dom. Oil supplied as received at station                        |          |            |            |            |            |
| GCV of Imp. Oil of the opening stock as received at station            |          |            |            |            |            |
| GCV of Imp. Oil supplied as received at station                        |          |            |            |            |            |
| Weighted average GCV of Oil as fired for the month                     | (kCal/L) | 10080      | 9950       | 10080      | 9950       |
| Oil consumption  | KL       | -          | -          | 44,092     | 90,188     |

Details of information to be submitted in respect of fuel consumed for Energy Charges

| Particulars                        | Unit     | LDO      | HFO      | LDO      | HFO      |
|------------------------------------|----------|----------|----------|----------|----------|
| Landed cost of Oil at sl.no 18     | Rs./KL   | 78910.67 | 55474.71 | 79347.63 | 57532.08 |
| Consumption quantity for the month | KL       | -        | -        | 44,092   | 90,188   |
| Weighted Average Rate*             | Rs./KL   | 70347.75 |          | 64695.41 |          |
| Weighted Average GCV of Oil*       | (kCal/L) | 10037.08 |          | 9992.69  |          |

\* In case of no Oil consumption in a month, previous month's price and GCV data is used.

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The Singareni Collieries Company Ltd  
Singareni Thermal Power Project  
Form 11.1 : Fuel Details for computation of Energy Charge Rate

| Month  | Unit     | Oct-23     |            | Nov-23     |            |
|--|----------|------------|------------|------------|------------|
|  |          | Domestic   | Domestic   | Domestic   | Domestic   |
|  |          | LDO        | HFO        | LDO        | HFO        |
| <b>OPENING QUANTITY</b>  |          |            |            |            |            |
| Opening Stock of Oil   | (KL)     | 475,288    | 839,823    | 499,644    | 842,368    |
| Value of Opening Stock   | (Rs.)    | 37,712,978 | 48,316,766 | 40,259,397 | 48,571,852 |
| <b>QUANTITY</b>  |          |            |            |            |            |
| Quantity of Oil supplied by Oil Company                                | (KL)     | 50,000     | 25,000     | 0.00       | 0.00       |
| Adjustment (+/-) in quantity supplied made by Oil Company              | (KL)     | 0          | 0          | 0.00       | 0.00       |
| Oil supplied by Oil Company (3+4)                                      | (KL)     | 50,000     | 25,000     | 0.00       | 0.00       |
| Normative Transit & Handling Losses                                    | (KL)     | 0          | 0          | 0.00       | 0.00       |
| Net Oil supplied (5-6)   | (KL)     | 50,000     | 25,000     | 0.00       | 0.00       |
| <b>PRICE</b>   |          |            |            |            |            |
| Amount charged by the Oil Company                                      | (Rs.)    | 4537395    | 1512215    | 0          | 0          |
| Adjustment (+/-) in amount charged made by Oil Company                 | (Rs.)    | 0          | 0          | 0          | 0          |
| Handling, Sampling and such other similar charges                      | (Rs.)    | 0          | 0          | 0          | 0          |
| Total amount Charged (8+9+10)  | (Rs.)    | 4537395    | 1512215    | 0          | 0          |
| <b>TRANSPORTATION</b>  |          |            |            |            |            |
| Transportation charges by rail/ship/road transport                     | (Rs.)    | 75320      | 37660      | 0          | 0          |
| By Rail  |          | 0          | 0          | 0          | 0          |
| By Road  |          | 75320      | 37660      | 0          | 0          |
| By Ship  |          | 0          | 0          | 0          | 0          |
| Adjustment (+/-) in amount charged made by Railways/Transport Company  | (Rs.)    | 0          | 0          | 0          | 0          |
| Demurrage Charges, if any  | (Rs.)    | 0          | 0          | 0          | 0          |
| Cost of diesel in transporting Coal through MGR system, if applicable  |          |            |            |            |            |
| Total Transportation Charges (12+13-14+15)                             | (Rs.)    | 75320      | 37660      | 0          | 0          |
| Total amount Charged for Oil supplied including Transportation (11+16) | (Rs.)    | 4612715    | 1549875    | 0          | 0          |
| <b>TOTAL COST</b>  |          |            |            |            |            |
| Landed cost of Oil (2+17)/(1+7)  | Rs./KL   | 80576.16   | 57661.1    | 80576.16   | 57661.1    |
| Blending Ratio (Domestic/Imported)                                     |          |            |            |            |            |
| Weighted average cost of Oil for preceding three months                | Rs./KL   |            |            |            |            |
| <b>QUALITY</b>   |          |            |            |            |            |
| GCV of Oil of the opening stock as per Oil Company                     | (kCal/L) | 10080      | 9950       | 10080      | 9950       |
| GCV of Dom. Oil of the opening Oil stock as per bill                   |          |            |            |            |            |
| GCV of Imp. Oil of the opening stock as per bill Oil Co.               |          |            |            |            |            |
| GCV of Imp. Oil supplied as per bill Oil Co.                           |          |            |            |            |            |
| Weighted average GCV of Oil as Billed                                  | (kCal/L) | 10080      | 9950       | 10080      | 9950       |
| GCV of Dom. Oil of the opening stock as received at station            |          |            |            |            |            |
| GCV of Dom. Oil supplied as received at station                        |          |            |            |            |            |
| GCV of Imp. Oil of the opening stock as received at station            |          |            |            |            |            |
| GCV of Imp. Oil supplied as received at station                        |          |            |            |            |            |
| Weighted average GCV of Oil as fired for the month                     | (kCal/L) | 10080      | 9950       | 10080      | 9950       |
| Oil consumption  | KL       | 25,644     | 22,455     | 31,536     | 112,011    |

Details of information to be submitted in respect of fuel consumed for Energy Charges

| Particulars                        | Unit     | LDO      | HFO      | LDO      | HFO      |
|------------------------------------|----------|----------|----------|----------|----------|
| Landed cost of Oil at sl.no 18     | Rs./KL   | 80576.16 | 57661.10 | 80576.16 | 57661.10 |
| Consumption quantity for the month | KL       | 25,644   | 22,455   | 31,536   | 112,011  |
| Weighted Average Rate*             | Rs./KL   | 69878.27 |          | 62695.33 |          |
| Weighted Average GCV of Oil*       | (kCal/L) | 10019.31 |          | 9978.56  |          |

\* In case of no Oil consumption in a month, previous month's price and GCV data is used.

The Singareni Collieries Company Ltd  
Singareni Thermal Power Project  
Form 12: Energy Charge Rate

| Particulars                               | Legend | Units    | Year (n-1)<br>FY 2022-23 |                 | Current Year 'n'<br>FY 2023-24 |                           |                |                   | Control Period    |                |                |                |                |                |
|---|--------|----------|--------------------------|-----------------|--------------------------------|---------------------------|----------------|-------------------|-------------------|----------------|----------------|----------------|----------------|----------------|
|   |        |          | MYT/Tariff Order         | Apr-Mar Audited | True-Up requirement Claimed    | MYT/Tariff Order Approved | Apr-Sep Actual | Oct-Mar Estimated | Apr-Mar Estimated | FY 2024-25 n+1 | FY 2025-26 n+2 | FY 2026-27 n+3 | FY 2027-28 n+4 | FY 2028-29 n+5 |
|   |        |          | Approved                 | 6.05            | 2305.47                        | 6.05                      | 6.34           | 2305.47           | 6.34              | 2305.47        | 2300           | 2300           | 2300           | 2300           |
| Auxiliary Consumption                     | AUX    | %        | 5.75                     | 6.05            | 6.05                           | 6.34                      | 6.34           | 6.34              | 5.75              | 5.75           | 5.75           | 5.75           | 5.75           |                |
| Gross Station Heat Rate                   | GSHR   | kcal/MWh | 2303.88                  | 2305.47         | 2305.47                        | 2305.47                   | 2305.47        | 2305.47           | 2300              | 2300           | 2300           | 2300           | 2300           |                |
| Secondary Fuel oil consumption            | SFC    | ml/MWh   | 0.50                     | 0.19            | 0.19                           | 0.50                      | 0.18           | 0.18              | 0.5               | 0.5            | 0.5            | 0.5            | 0.5            |                |
| Calorific Value of Secondary Fuel         | CVSF   | kcal/ml  | 10.01                    | 10.01           | 10.01                          | 10.02                     | 10.02          | 10.02             | 10.00             | 10.00          | 10.00          | 10.00          | 10.00          |                |
| Landed Price of Secondary Fuel            | LPSF   | Rs./ml   | 0.07                     | 0.07            | 0.07                           | 0.07                      | 0.07           | 0.07              | 0.07              | 0.07           | 0.07           | 0.07           | 0.07           |                |
| Gross Calorific Value of Coal             | CYPF   | kcal/kg  | 4002.83                  | 4002.83         | 4002.83                        | 3770                      | 3770           | 3770.00           | 3719              | 3719           | 3719           | 3719           | 3719           |                |
| Landed Price of Coal                      | LPPF   | Rs./kg   | 5435.15                  | 5435.15         | 5435.15                        | 5748.3                    | 5748.30        | 5748.30           | 5887              | 5887           | 5887           | 5887           | 5887           |                |
| Specific Coal Consumption                 |        | kg/MWh   | 0.574                    | 0.575           | 0.58                           | 0.611                     | 0.61           | 0.61              | 0.617             | 0.617          | 0.617          | 0.617          | 0.617          |                |
| Rate of Energy Charge from Primary Fuel   |        | Rs./MWh  | 3.312                    | 3.329           | 3.329                          | 3.719                     | 3.750          | 3.750             | 3.841             | 3.841          | 3.841          | 3.841          | 3.841          |                |
| Rate of Energy Charge from Secondary Fuel |        | Rs./MWh  | 0.035                    | 0.013           | 0.013                          | 0.037                     | 0.013          | 0.013             | 0.035             | 0.035          | 0.035          | 0.035          | 0.035          |                |
| ECR                                       |        | Rs./MWh  | 3.347                    | 3.343           | 3.343                          | 3.756                     | 3.764          | 3.764             | 3.876             | 3.876          | 3.876          | 3.876          | 3.876          |                |

\* Energy Charges provisionally computed for next control period FY 2024-25 to FY 2028-29 based on average actual energy charges during September-23, October-23 and November-23. However, actual energy charges shall be claimed as per TSERC regulation 2 of 2023.

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**The Singareni Collieries Company Ltd**  
**Singareni Thermal Power Project**  
**Form 13: Sales**

Year (n-1) FY 2022-23  
 Audited

| Beneficiary  | Apr           | May            | Jun            | Jul            | Aug            | Sep           | Oct            | Nov           | Dec            | Jan            | Feb            | Mar            | Total           |
|--------------|---------------|----------------|----------------|----------------|----------------|---------------|----------------|---------------|----------------|----------------|----------------|----------------|-----------------|
| TSSPDCL      | 545.831       | 466.398        | 507.337        | 545.955        | 507.539        | 562.996       | 543.556        | 552.449       | 547.220        | 562.184        | 236.997        | 588.989        | 6167.452        |
| TSNPDCCL     | 227.849       | 194.690        | 211.780        | 227.901        | 211.864        | 235.014       | 226.899        | 230.611       | 228.429        | 234.675        | 98.931         | 245.865        | 2574.507        |
| <b>Total</b> | <b>773.68</b> | <b>661.088</b> | <b>719.117</b> | <b>773.856</b> | <b>719.403</b> | <b>798.01</b> | <b>770.455</b> | <b>783.06</b> | <b>775.649</b> | <b>796.859</b> | <b>335.928</b> | <b>834.854</b> | <b>8741.959</b> |

Current Year 'n' FY 2023-24

| Beneficiary  | Actuals        |                |                |                |                |                |                |                |                |                  |                 | Estimated       |                 |  | Total |
|--------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|------------------|-----------------|-----------------|-----------------|--|-------|
|              | Apr            | May            | Jun            | Jul            | Aug            | Sep            | Oct            | Nov            | Dec            | Jan              | Feb             | Mar             |                 |  |       |
| TSSPDCL      | 533.007        | 548.714        | 267.021        | 480.336        | 574.899        | 525.408        | 581.956        | 410.256        | 387.262        | 581.780          | 544.246         | 581.780         | 6016.565        |  |       |
| TSNPDCCL     | 222.496        | 229.052        | 111.464        | 200.509        | 239.983        | 219.324        | 242.928        | 171.255        | 161.656        | 242.855          | 227.187         | 242.855         | 2511.563        |  |       |
| <b>Total</b> | <b>755.503</b> | <b>777.766</b> | <b>378.485</b> | <b>680.845</b> | <b>814.882</b> | <b>744.732</b> | <b>824.884</b> | <b>581.511</b> | <b>548.918</b> | <b>824.63472</b> | <b>771.4325</b> | <b>824.6347</b> | <b>8528.228</b> |  |       |

Ensuing Year (n+1) FY 2024-25

| Beneficiary  | Apr            | May            | Jun            | Jul            | Aug            | Sep            | Oct            | Nov            | Dec            | Jan            | Feb            | Mar            | Total           |
|--------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|-----------------|
| TSSPDCL      | 551.523        | 569.907        | 275.761        | 340.106        | 569.907        | 551.523        | 569.907        | 551.523        | 569.907        | 569.907        | 514.754        | 569.907        | 6204.630        |
| TSNPDCCL     | 230.225        | 237.899        | 115.112        | 141.972        | 237.899        | 230.225        | 237.899        | 230.225        | 237.899        | 237.899        | 214.876        | 237.899        | 2590.026        |
| <b>Total</b> | <b>781.747</b> | <b>807.805</b> | <b>390.874</b> | <b>482.077</b> | <b>807.805</b> | <b>781.747</b> | <b>807.805</b> | <b>781.747</b> | <b>807.805</b> | <b>807.805</b> | <b>729.631</b> | <b>807.805</b> | <b>8794.656</b> |

Ensuing Year (n+2) FY 2025-26

| Beneficiary  | Apr            | May            | Jun            | Jul            | Aug            | Sep            | Oct            | Nov            | Dec            | Jan            | Feb            | Mar            | Total           |
|--------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|-----------------|
| TSSPDCL      | 551.523        | 569.907        | 367.682        | 432.026        | 569.907        | 551.523        | 569.907        | 551.523        | 569.907        | 569.907        | 514.754        | 569.907        | 6388.471        |
| TSNPDCCL     | 230.225        | 237.899        | 153.483        | 180.343        | 237.899        | 230.225        | 237.899        | 230.225        | 237.899        | 237.899        | 214.876        | 237.899        | 2666.768        |
| <b>Total</b> | <b>781.747</b> | <b>807.805</b> | <b>521.165</b> | <b>612.369</b> | <b>807.805</b> | <b>781.747</b> | <b>807.805</b> | <b>781.747</b> | <b>807.805</b> | <b>807.805</b> | <b>729.631</b> | <b>807.805</b> | <b>9055.238</b> |

Ensuing Year (n+3) FY 2026-27

| Beneficiary  | Apr            | May            | Jun            | Jul            | Aug            | Sep            | Oct            | Nov            | Dec            | Jan            | Feb            | Mar            | Total           |
|--------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|-----------------|
| TSSPDCL      | 551.523        | 569.907        | 367.682        | 432.026        | 569.907        | 551.523        | 569.907        | 551.523        | 569.907        | 569.907        | 514.754        | 569.907        | 6388.471        |
| TSNPDCCL     | 230.225        | 237.899        | 153.483        | 180.343        | 237.899        | 230.225        | 237.899        | 230.225        | 237.899        | 237.899        | 214.876        | 237.899        | 2666.768        |
| <b>Total</b> | <b>781.747</b> | <b>807.805</b> | <b>521.165</b> | <b>612.369</b> | <b>807.805</b> | <b>781.747</b> | <b>807.805</b> | <b>781.747</b> | <b>807.805</b> | <b>807.805</b> | <b>729.631</b> | <b>807.805</b> | <b>9055.238</b> |

Ensuing Year (n+4) FY 2027-28

| Beneficiary  | Apr            | May            | Jun            | Jul            | Aug            | Sep            | Oct            | Nov            | Dec            | Jan            | Feb            | Mar            | Total           |
|--------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|-----------------|
| TSSPDCL      | 551.523        | 569.907        | 367.682        | 432.026        | 569.907        | 551.523        | 569.907        | 551.523        | 569.907        | 569.907        | 533.139        | 569.907        | 6406.855        |
| TSNPDCCL     | 230.225        | 237.899        | 153.483        | 180.343        | 237.899        | 230.225        | 237.899        | 230.225        | 237.899        | 237.899        | 222.550        | 237.899        | 2674.442        |
| <b>Total</b> | <b>781.747</b> | <b>807.805</b> | <b>521.165</b> | <b>612.369</b> | <b>807.805</b> | <b>781.747</b> | <b>807.805</b> | <b>781.747</b> | <b>807.805</b> | <b>807.805</b> | <b>755.689</b> | <b>807.805</b> | <b>9081.297</b> |

Ensuing Year (n+5) FY 2028-29

| Beneficiary  | Apr            | May            | Jun            | Jul            | Aug            | Sep            | Oct            | Nov            | Dec            | Jan            | Feb            | Mar            | Total           |
|--------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|-----------------|
| TSSPDCL      | 551.523        | 569.907        | 367.682        | 432.026        | 569.907        | 551.523        | 569.907        | 551.523        | 569.907        | 569.907        | 514.754        | 569.907        | 6388.471        |
| TSNPDCCL     | 230.225        | 237.899        | 153.483        | 180.343        | 237.899        | 230.225        | 237.899        | 230.225        | 237.899        | 237.899        | 214.876        | 237.899        | 2666.768        |
| <b>Total</b> | <b>781.747</b> | <b>807.805</b> | <b>521.165</b> | <b>612.369</b> | <b>807.805</b> | <b>781.747</b> | <b>807.805</b> | <b>781.747</b> | <b>807.805</b> | <b>807.805</b> | <b>729.631</b> | <b>807.805</b> | <b>9055.238</b> |



**The Singareni Collieries Company Ltd**  
**Singareni Thermal Power Project**  
**Form 14: Revenue from Sale of Electricity**

Previous Year (n-1) FY 2022-23  
 Audited

(Rs. Crore)

| Beneficiary  | Components of tariff                        |                          |   |   | Relevant sales & load/demand data for revenue calculation |                          |                  | Full year revenue (Rs. Crore)         |                             |   |                             |                |
|--------------|---|--------------------------|---|---|---|--------------------------|------------------|---------------------------------------|-----------------------------|---|-----------------------------|----------------|
|              | Fixed / Capacity Charges (Rs. Crore / year) | Energy Charges (Rs./kWh) | Any Other Charges (Incentive Rs.Crores) | Fuel surcharge per unit, if any (Rs./kWh) | Sales in MU   | Share of Capacity (MW/%) | Item 3 (specify) | Revenue from Fixed Capacity / Charges | Revenue from Energy Charges | Revenue from Any Other Charge (Incentive) | Revenue from Fuel Surcharge | Total          |
| TSSPDCL      | 953.32                                      | 3.351                    | 11.31                                   | -   | 6167.452  | 70.55%                   |                  | 953.32                                | 2066.35                     | 11.31                                     | -                           | 3030.97        |
| TSNPDCL      | 397.95                                      | 3.351                    | 4.72                                    | -   | 2574.507  | 29.45%                   |                  | 397.95                                | 862.56                      | 4.72                                      | -                           | 1265.23        |
| <b>Total</b> | <b>1351.27</b>                              | <b>3.351</b>             | <b>16.03</b>                            | <b>-</b>                                  | <b>8741.959</b>   | <b>100%</b>              |                  | <b>1351.27</b>                        | <b>2928.91</b>              | <b>16.03</b>                              | <b>-</b>                    | <b>4296.21</b> |

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**The Singareni Collieries Company Ltd**  
**Singareni Thermal Power Project**  
**Form 15: Revenue Reconciliation**

Previous Year (n-1) FY 2022-23  
 Audited

| S. No. | Particulars                          | Units     | Apr     | May     | Jun     | Jul     | Aug     | Sep     | Oct     | Nov     | Dec     | Jan     | Feb     | Mar     | Total    |
|--------|--------------------------------------|-----------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|----------|
| 1      | Normative Availability (%)           | %         | 85.00   | 85.00   | 85.00   | 85.00   | 85.00   | 85.00   | 85.00   | 85.00   | 85.00   | 85.00   | 85.00   | 85.00   | 85.00    |
| 2      | Availability during the month (%)    | %         | 97.01   | 79.47   | 88.45   | 93.20   | 88.00   | 100.00  | 97.25   | 96.33   | 94.99   | 95.25   | 44.10   | 99.56   | 89.77    |
| 3      | Cumulative Availability (%)          | %         | 97.01   | 88.10   | 88.21   | 89.48   | 89.18   | 90.95   | 91.87   | 92.41   | 92.70   | 92.96   | 88.87   | 89.77   | 89.77    |
| 4      | Target PLF for Incentive             | %         | 85.00   | 85.00   | 85.00   | 85.00   | 85.00   | 85.00   | 85.00   | 85.00   | 85.00   | 85.00   | 85.00   | 85.00   | 85.00    |
| 5      | Actual PLF during the month (%)      | %         | 95.01   | 78.56   | 88.31   | 91.97   | 85.49   | 98.00   | 91.56   | 96.16   | 92.18   | 94.70   | 44.20   | 99.21   | 88.24    |
| 6      | Cumulative PLF (%)                   | %         | 95.01   | 86.65   | 87.20   | 88.41   | 87.82   | 89.49   | 89.79   | 90.57   | 90.75   | 91.15   | 87.22   | 88.24   | 88.24    |
| 7      | Gross Generation (MU)                | MU        | 822.865 | 704.059 | 763.938 | 821.475 | 764.409 | 846.645 | 817.829 | 832.469 | 829.445 | 852.012 | 362.994 | 886.602 | 9304.742 |
| 8      | Auxiliary Consumption (MU)           | MU        | 49.185  | 42.971  | 44.821  | 47.619  | 45.006  | 48.635  | 47.374  | 49.409  | 53.796  | 55.153  | 27.066  | 51.748  | 562.783  |
| 9      | Net Generation (MU)                  | MU        | 773.680 | 661.088 | 719.117 | 773.856 | 719.403 | 798.010 | 770.455 | 783.060 | 775.649 | 796.859 | 335.928 | 834.854 | 8741.959 |
| 10     | Generation above target PLF (MU)     | MU        | 81.51   | -54.16  | 26.94   | 58.61   | 4.16    | 105.84  | 55.21   | 90.89   | 60.40   | 81.61   | -310.10 | 119.61  | 320.533  |
| 11     | Variable Charges Per Unit            | Rs./kWh   | 3.000   | 3.162   | 3.237   | 3.272   | 3.293   | 3.283   | 3.388   | 3.474   | 3.451   | 3.571   | 3.651   | 3.533   | 3.350    |
| 12     | Approved Fixed Charges               | Rs. Crore | 112.61  | 112.61  | 112.61  | 112.61  | 112.61  | 112.61  | 112.61  | 112.61  | 112.61  | 112.61  | 112.61  | 112.61  | 1351.27  |
| 13     | Fuel Surcharge                       | Rs./kWh   | -       | -       | -       | -       | -       | -       | -       | -       | -       | -       | -       | -       | -        |
| 14     | Fixed Charges During Month           | Rs. Crore | 112.61  | 112.61  | 112.61  | 112.61  | 112.61  | 112.61  | 112.61  | 112.61  | 112.61  | 112.61  | 112.61  | 112.61  | 1351.27  |
| 15     | Energy Charges Amount                | Rs. Crore | 232.10  | 209.04  | 232.78  | 253.21  | 236.90  | 261.99  | 261.03  | 272.04  | 267.68  | 284.56  | 122.65  | 294.95  | 2928.91  |
| 16     | Amount of Fuel Surcharge Adjustment  | Rs. Crore | -       | -       | -       | -       | -       | -       | -       | -       | -       | -       | -       | -       | -        |
| 17     | Incentive Amount                     | Rs. Crore | 4.08    | -2.71   | 1.35    | 2.93    | 0.21    | 5.29    | 2.76    | 4.54    | 3.02    | 4.08    | -15.50  | 5.98    | 16.03    |
| 18     | Revenue from sale of electricity     | Rs. Crore | 348.79  | 318.93  | 346.73  | 368.74  | 349.71  | 379.88  | 376.40  | 389.19  | 383.30  | 401.24  | 219.75  | 413.54  | 4296.21  |
| 19     | Other recoveries/adjustments         | Rs. Crore | -       | -       | -       | -       | -       | -       | -       | -       | -       | -       | -       | -       | -        |
| 20     | Total Revenue                        | Rs. Crore | 348.79  | 318.93  | 346.73  | 368.74  | 349.71  | 379.88  | 376.40  | 389.19  | 383.30  | 401.24  | 219.75  | 413.54  | 4296.21  |
| 21     | Total Revenue as per Audited Account | Rs. Crore | 348.79  | 318.93  | 346.73  | 368.74  | 349.71  | 379.88  | 376.40  | 389.19  | 383.30  | 401.24  | 219.75  | 413.54  | 4296.21  |

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**The Singareni Collieries Company Ltd**  
**Singareni Thermal Power Project**  
**Form 16: Summary of true-up**

| Previous Year (n-1) FY 2022-23 |   | (Rs. Crore)      |   |                |               |   |              |                |   |
|--------------------------------|---|------------------|---|----------------|---------------|---|--------------|----------------|---|
| S. No.                         | Particulars   | MYT/Tariff Order | Normative claimed in true-up                | Actual         | Deviation     | Reasons for Deviation                                     | Controllable | Uncontrollable | Net Entitlement after sharing of gains/(losses) |
| <b>A</b>                       | <b>Expenses side summary</b>                                |                  |   |                |               |   |              |                |   |
|                                | Operation & Maintenance Expenses                            | 220.09           | 304.61                                      | 304.61         | 84.52         | Increased due to variation in WPI,CPI                     | 84.52        | 0              | 28.17   |
|                                | Depreciation  | 400.36           | 400.54                                      | 400.54         | 0.18          | Increase in Add cap                                       | 0            | 0.18           | 0.18  |
|                                | Interest and finance charges on loan                        | 224.24           | 266.65                                      | 266.65         | 42.40         | Increase in market interest rates and increase in add cap | 0            | 42.40          | 42.40   |
|                                | Interest on Working Capital                                 | 83.51            | 98.65                                       | 98.65          | 15.14         | Changed due to variation in SBI MCLR                      | 15.14        | 0              | 5.05  |
|                                | Return on Equity  | 436.41           | 481.81                                      | 481.81         | 45.41         | Actual tax rate paid is considered.                       | 0            | 45.41          | 45.41   |
|                                | Less: Non-Tariff Income                                     | 13.33            | 9.27  | 9.27           | -4.06         | Actual NTI is less than approved                          | 0            | -4.06          | -4.06   |
|                                | <b>Annual Fixed Charges</b>                                 | <b>1351.28</b>   | <b>1542.99</b>                              | <b>1542.99</b> | <b>191.71</b> |   | <b>99.66</b> | <b>92.05</b>   | <b>125.27</b>                                   |
|                                | Energy Charges  | 2925.93          | 2922.44                                     | 2922.44        | -3.50         | Due to Efficient running of plant                         | -3.50        | 0              | 1.17  |
|                                | Other charges   | 0.00             | 18.33                                       | 18.33          | 18.33         | Incentive, Actual water charges and audit fees            | 0            | 18.33          | 18.33   |
|                                | <b>Aggregate Revenue Requirement</b>                        | <b>4277.21</b>   | <b>4483.76</b>                              | <b>4483.76</b> | <b>206.55</b> |   | <b>96.16</b> | <b>110.38</b>  | <b>144.77</b>                                   |
|                                | AFC Reduction for non-achievement of NAPAF                  | 0                | 0   | 0              | 0.00          |   | 0            | 0              | 0   |
|                                | <b>Net Revenue Requirement</b>                              | <b>4277.21</b>   | <b>4483.76</b>                              | <b>4483.76</b> | <b>206.55</b> |   | <b>96.16</b> | <b>110.38</b>  | <b>144.77</b>                                   |
| <b>B</b>                       | <b>Revenue side summary</b>                                 |                  |   |                |               |   |              |                |   |
|                                | Revenue from sale of power                                  |                  | 4296.21                                     | 4296.21        |               |   |              |                |   |
|                                | Revenue gain/loss due to lower/higher auxiliary consumption |                  | Included in savings shown in energy charges |                |               |   |              |                |   |
|                                | <b>Revenue for true-up</b>                                  |                  | <b>4483.76</b>                              | <b>4483.76</b> |               |   |              |                |   |
| <b>C</b>                       | <b>Revenue Gap/(Surplus)</b>                                |                  | <b>187.55</b>                               | <b>187.55</b>  |               |   |              |                |   |



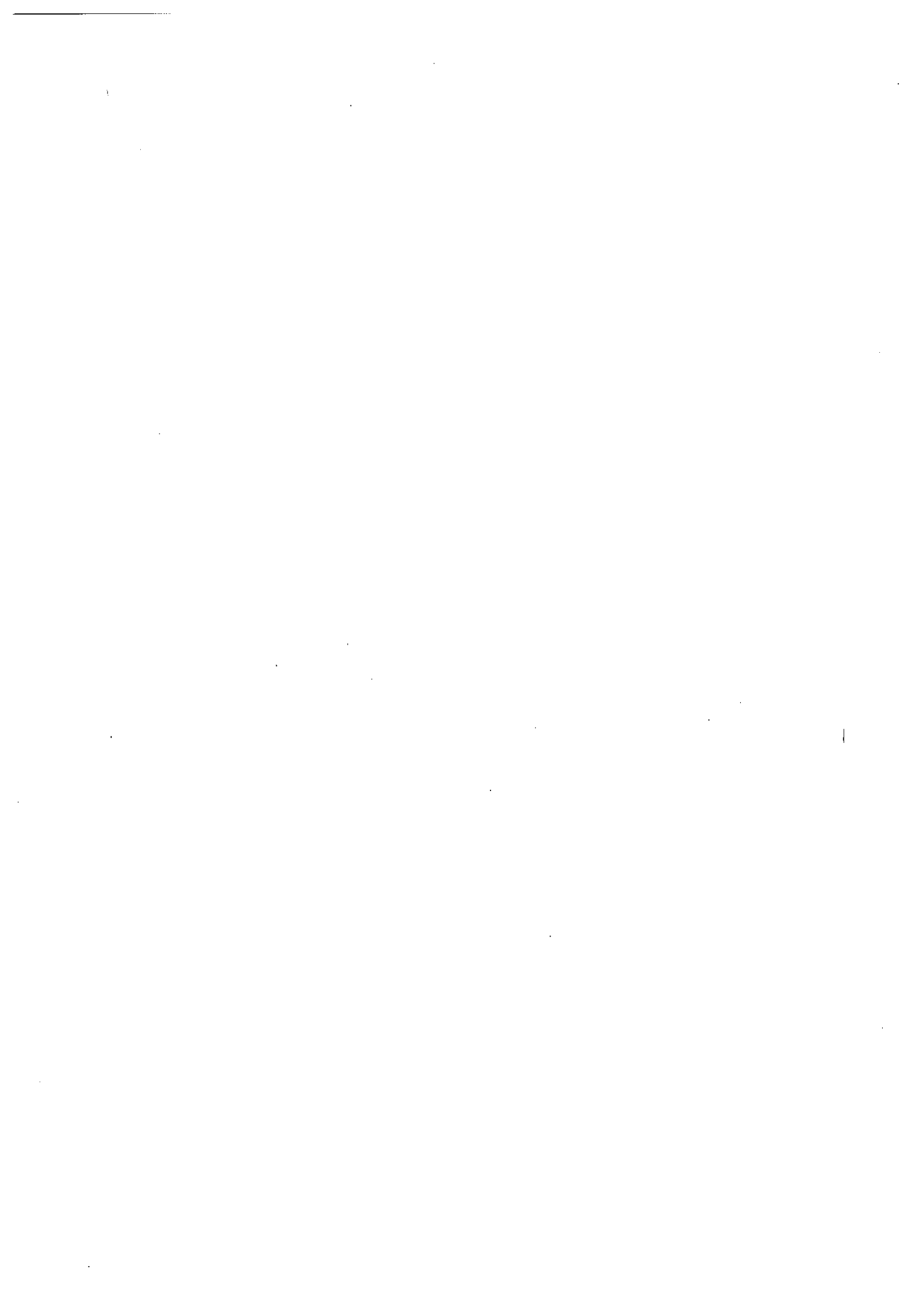


**Form 16.1 : Water charges, Tariff filling fee and Audit fee**

The Singareni Collieries Company Ltd  
Singareni Thermal Power Project

Name of the Petitioner:  
Name of the Generating Station:

| S.No | Particulars        | TSERC 01<br>of 2019<br>Regulation<br>number | Unit            | Ensuing Year   |                               |
|------|--------------------|---|-----------------|----------------|-------------------------------|
|      |                    |   |                 | One<br>2022-23 | Two<br>2023-24<br>(Estimated) |
| 1    | Water charges      | 2.59  | Rs. Lakh        | 224.00         | 224.00                        |
| 2    | Tariff Filling fee | 19.6  | Rs. Lakh        | 0.25           | 150.75                        |
| 3    | Audit fees         | 19.6  | Rs. Lakh        | 6.00           | 0.25                          |
| 4    | <b>Total</b>       |   | <b>Rs. Lakh</b> | <b>230.25</b>  | <b>375.00</b>                 |



### Form 16.2: Incentive

Name of the Petitioner:  
Name of the Generating Station:

The Singareni Collieries Company Ltd  
Singareni Thermal Power Project

| Sl. | Particulars                              | Unit   | FY       |           |           |           |           |           |           |           |
|-----|--|--------|----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
|     |  |        | n-1      | n         | n+1       | n+2       | n+3       | n+4       | n+5       |           |
|     |  |        | 2022-23  | 2023-24   | 2024-25   | 2025-26   | 2026-27   | 2027-28   | 2028-29   |           |
| 1.  | Target PLF                               | %      | Audited  | Estimated | Projected | Projected | Projected | Projected | Projected | Projected |
| 2.  | Units to be sent out at target PLF       | MU     | 85%      | 85%       | 85%       | 85%       | 85%       | 85%       | 85%       | 85%       |
| 3.  | Sent Out Units                           | MU     | 8421.426 | 8444.498  | 8421.426  | 8421.426  | 8421.426  | 8444.498  | 8421.426  | 8421.426  |
| 4.  | Additional Generation                    | MU     | 8741.959 | 8528.228  | 8794.656  | 9055.238  | 9055.238  | 9081.297  | 9055.238  | 9055.238  |
| 5.  | Incentive Rate for additional generation | Rs/Kwh | 320.533  | 83.730    | 373.230   | 633.8     | 633.812   | 636.8     | 633.8     | 633.8     |
| 6.  | Incentive for additional generation      | Rs Crs | 0.5      | 0.5       | 0.5       | 0.5       | 0.5       | 0.5       | 0.5       | 0.5       |
|     |  |        | 16.03    | 4.19      | 18.66     | 31.69     | 31.69     | 31.84     | 31.69     | 31.69     |

**Note:**

The above calculations are done based on normative PLF of 85%, actual generation will be considered for claiming incentive during true up.



**Annexure -F : Copy of the authorization letter**





**The Singareni Collieries Company Limited**  
(A Government Company)  
2 x 600 MW Singareni Thermal Power Project  
Jaipur (V&M), Pln: 504 216, Adilabad District, TS

**NOTE**

Ref No. STPP/FAD/Tariff/2457A

DT: 27.01.2016.

Sub: Payment of fee to TSERC along with application for determination of Tariff for STPP- Reg.

1. COD of Unit I is scheduled in the month of March 2016 and unit II in April 2016. Power Purchase Agreement was entered with Telangana State Discoms on 18.01.2016.
2. Capital cost of the project and Tariff application are required to be filed with TSERC for determination of Tariff. Preparation of capital cost and Tariff application has been assigned to M/s KPMG on consultancy basis. All the inputs required for preparation of application were furnished to KPMG. It is expected to complete the job and file the application with TSERC by the end of this month.
3. As per Telangana State Electricity Regulatory commission, Hyderabad (Conduct of Business) Regulations, 2015, Chapter II, point Sl. No. 11 (5), the proceedings initiated before the commission is to be signed by the Managing Director or a Director of the company. Any other person signing the petition should have authorization from the Board of Directors by a specific or general resolution. FLAG-A
4. Further as per regulation no. 11 of 2013 of APERC (TSERC has adopted the same regulations as per TSERC regulation no.1 of 2014) a fee of Rs 15,000/- per MW for conventional generation with a maximum of Rs 100 Lakhs is to be paid to TSERC along with the application. Fee at the rate Rs 15000/- per MW works out to Rs 180 lakhs. Hence payment of fee along with application is Rs 100 Lakhs. FLAG-B

Contd...



N-2


5. Funds for the above are proposed to be utilized from the head "Contingency".  
Details of head RCE "Contingency" are given here under. Rs Crores.

| Funds under head | Funds so far allocated | Funds for present proposal | Cumulative including proposal | funds present | Balance funds |
|------------------|------------------------|----------------------------|-------------------------------|---------------|---------------|
| "Contingency"    | 145.86                 | 1.0                        | 147.86                        |               | 8.32          |

6. Board in its meeting held on 18.10.2015 authorized C&MD to provide funds up to Rs 8250 Crores. So far funds provision has been made to Rs 7547.81 crores.

7. Submitted for

- i) Approval for payment of Rs 100 lakhs to TSERC towards fee along with tariff application.
- ii) Nominating the officer to sign on the Tariff application.

b/  29/11/20  
Dy. GM (F&A), STPP

ED, STPP

GM (F&A)

Director (E&M)

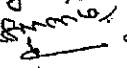
Director (P&P)

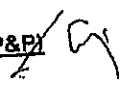
Director (Operations)

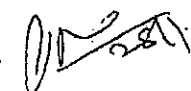
Director (Finance)


C&MD

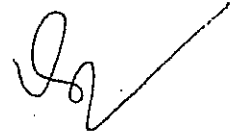
Signed on Scanner Copy

As per para (3) of No-1, the signing authority for RCE will be Director (Finance)  28/11/16









**Annexure-G: Copy of Banker's Cheque for  
Rs.1,50,00,000 (One crore fifty lakh only) bearing no:  
725886, dated: 29.01.2024**



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जारी करने का स्थान भारतीय स्टेट बैंक  
Issuing Branch: REDDY COLONY, MANCHERIAL  
कोड नं. / CODE No: 20124  
Tel No. 08736-252837

मांग ड्राफ्ट  
DEMAND DRAFT

Key: YEBJOW  
Sr. No: 100740

2 9 0 1 2 0 2 4  
D D M M Y Y Y Y

मांगे जानेपर SECRETARY TELANGANA STATE ELECTRICITY REGULATORY COMMISSION

या उनके आदेश पर  
OR-ORDER

ON DEMAND PAY  
One Crore Fifty Lakh Only

रुपये RUPEES

अदा करें ₹ 15000000.00

IOI 000542725886  
Name of Applicant

Key: YEBJOW Sr. No: 100740  
THE SINGARENI COLLIERIES COMPA

AMOUNT BELOW 15000001(0/8)

मूल्य प्राप्त / VALUE RECEIVED

भारतीय स्टेट बैंक  
STATE BANK OF INDIA  
अदाकर्ता शाखा / DRAWVEE BRANCH: HYDERABAD MAIN BRANCH  
कोड नं. / CODE No: 00847

*Gudhara*  
प्राधिकृत हस्ताक्षरकर्ता  
SIGNATORY

*Prasad*  
शाखा प्रबंधक  
BRANCH MANAGER

कम्प्यूटर द्वारा मुद्रित होने पर ही वैध  
VALID ONLY IF COMPUTER PRINTED

केवल 3 महीने के लिए वैध  
VALID FOR 3 MONTHS ONLY

₹ 1,50,000/- एवं अधिक के लिखत दो अधिकारियों द्वारा हस्ताक्षरित होने पर ही वैध है।  
INSTRUMENTS FOR ₹ 1,50,000/- & ABOVE ARE NOT VALID UNLESS SIGNED BY TWO OFFICERS

⑈ 7 2 5 8 8 6 ⑈ 00000 20000: 00054 2⑈ 16



**Annexure-H : Annual Report & Accounts of SCCL for  
FY 2022-23 (Book)**



# 102<sup>nd</sup> Annual Report & Accounts

## 2022-23



**THE SINGARENI COLLIERIES COMPANY LIMITED**  
(A GOVERNMENT COMPANY)



# OUR MISSION

- ✦ **To retain our strategic role of a premier Coal Producing Company in the country and excel in a competitive business environment.**
- ✦ **To strive for self-reliance by optimum utilisation of existing resources and earn adequate return on the capital employed.**
- ✦ **To exploit the available mining blocks with maximum conservation and utmost safety by adopting suitable technologies & practices and constantly upgrading them against international benchmarks.**
- ✦ **To supply reliable and qualitative coal in adequate quantities and strive to satisfy customers needs by constantly sharing their experience and customising our product.**
- ✦ **To emerge as a model employer and maintain harmonious industrial relations within the legal and social framework of the State.**
- ✦ **To emerge as a responsible Company through good Corporate Governance, by laying emphasis on protection of environment & ecology and with due regard for corporate social obligations.**



# THE SINGARENI COLLIERIES COMPANY LIMITED

(A Government Company)

## 102<sup>ND</sup> ANNUAL REPORT & ACCOUNTS FOR THE YEAR 2022-2023

### C O N T E N T S

|  |     |
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#### **BANKERS:**

State Bank of India, Indian Bank,  
Canara Bank, Union Bank of India

#### **STATUTORY AUDITORS:**

##### **Joint Statutory Auditors**

1. M/s. M. Anandam & Co., (HY0002)  
Mohan Road, Khammam-507001 (T.S.)  
and
2. M/s. Brahmayya & Co, (SR0013)  
Govindarajulu Naidu Street, Vijayawada, A.P.

#### **COST AUDITORS:**

M/s. PKR & Associates LLP,  
Cost Accountants,  
101, K S Kovela Apartment,  
Bhagyanagar Phase III,  
Near MNR College, Kukatpally,  
Hyderabad – 500 085.

#### **SECRETARIAL AUDITOR:**

Sri K.V. Chalama Reddy, Company Secretary,  
Plot No. 8-2-603/23/3, 2<sup>nd</sup> Floor, HSR Summit,  
Banjara Hills, Rd. No. 10, Hyderabad -500 034.

#### **Location of mining areas:**

##### **Khammam & Bhadradri Kothagudem Districts**

Yellandu  
Rudrampur  
Manuguru

##### **Peddapalli District**

Ramagundam (Godavarikhani) I, II and III

##### **Mancherial & Komarambheem Asifabad Districts**

Srirampur  
Mandamarri  
Bellampalli

##### **Jayashankar Bhoopalpalli District**

Bhoopalpalli



## BOARD OF DIRECTORS

1. *Chairman & Managing Director*  
Sri N. Sridhar

(From 01.01.2015 FN)

### Functional Directors (Whole time)

2. *Director (Finance) & CFO*  
Sri N. Balram

(From 05.12.2018)

3. *Director (Personnel, Administration & Welfare)*  
Sri N. Balram (FAC)

(From 01.05.2021 to 19.08.2022) &  
(From 01.02.2023)

Sri S. Chandrasekhar (FAC)

(From 20.08.2022 to 31.01.2023)

4. *Director (Electrical & Mechanical)*  
Sri D.Satyanarayana Rao

(From 25.09.2020 AN)

5. *Director (Operations)*  
Sri NVK Srinivas  
Sri S. Chandrasekhar

(From 01.02.2023)

(From 02.05.2017 AN to 31.01.2023)

6. *Director (Planning & Projects)*  
Sri G. Venkateswara Reddy  
Sri N.Balram (FAC)

(From 01.02.2023)

(From 01.08.2020 to 31.01.2023)

### Government of India nominee Directors (Part time)

1. Sri Manoj Kumar  
*Chairman-cum- Managing Director, Western Coalfields Ltd., Nagpur*

(From 08.02.2021)

2. Sri D.K.Solanki  
*Dy. Secretary, Ministry of Coal, Govt. of India, New Delhi*

(From 03.01.2022)

3. Smt. Santosh  
*Dy.Director General, Ministry of Coal, Govt. of India, New Delhi*

(From 22.02.2023)

Sri PSL Swami  
*Director, Ministry of Coal, Govt. of India, New Delhi*

(From 26.06.2019 to 25.10.2022)

### Government of Telangana nominee Directors (Part time)

4. Sri K.Rama Krishna Rao  
*Special Chief Secretary, Finance Dept., Govt. of Telangana*

(From 28.06.2014)

5. Sri Sunil Sharma  
*Special Chief Secretary, Energy Dept., Govt. of Telangana.*

(From 22.10.2021)

**Smt. Korlapati Sunitha Devi**  
Company Secretary

**Sri Mullapudi Subba Rao**  
General Manager (Finance & Accounts)



## BOARD OF DIRECTORS

(As on 29.09.2023)



**Sri N. Sridhar,**  
Chairman & Managing Director



**Sri N. Balram**  
Director (Finance) &  
(PA&W) (FAC) and CFO



**Sri D. Satyanarayana Rao**  
Director  
(Electrical & Mechanical)



**Sri N.V.K. Srinivas**  
Director  
(Operations)



**Sri G. Venkateswara Reddy**  
Director  
(Planning & Projects)



**Sri K. Rama Krishna Rao**  
Director



**Sri Sunil Sharma**  
Director



**Sri Manoj Kumar**  
Director



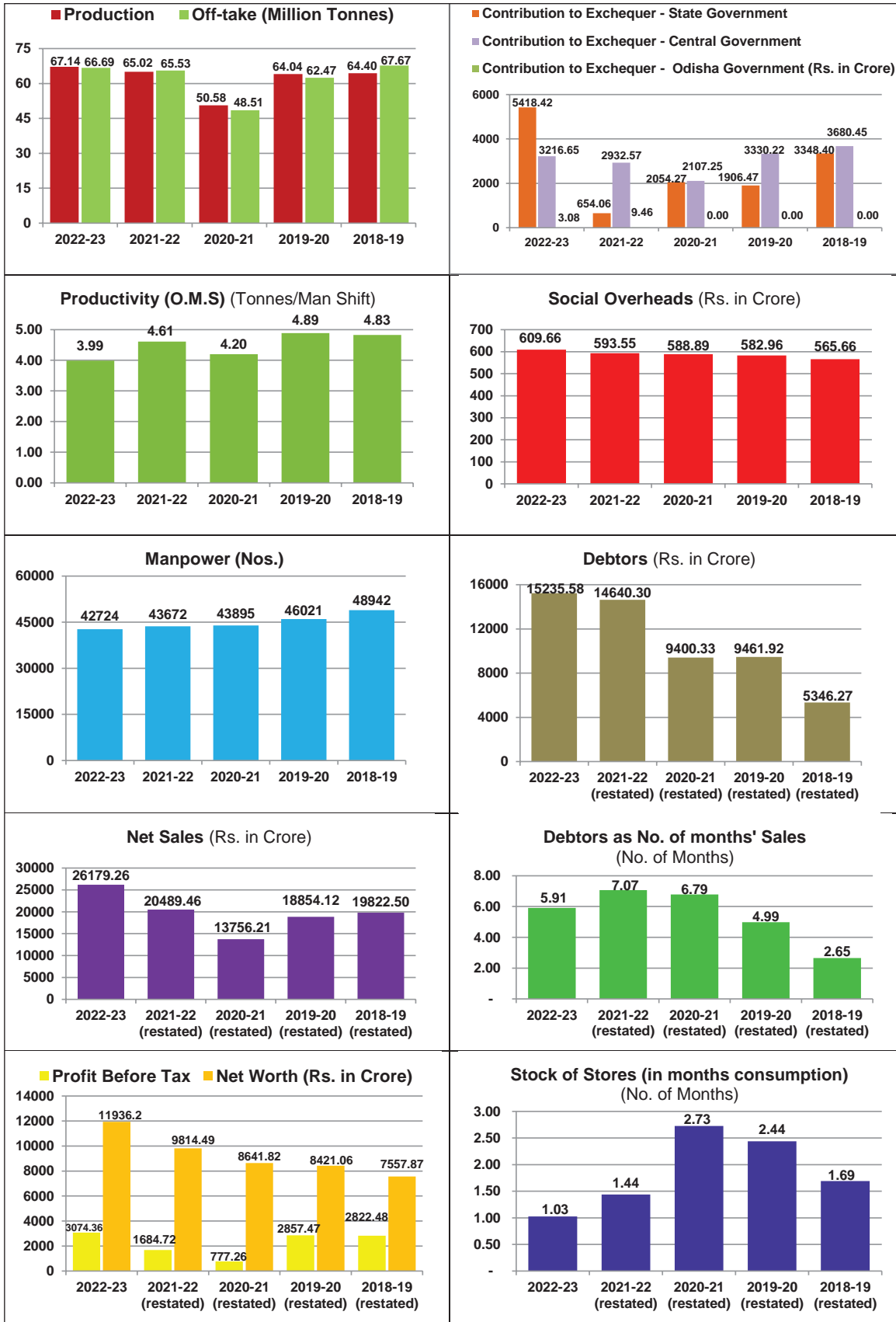
**Sri D. K. Solanki**  
Director



**Smt. Santosh**  
Director



## Graphs Indicating Important Statistics





## PERFORMANCE INDICATORS AT A GLANCE

| Sl. No. | INDICATORS                                       | UNIT          | 2022-23  | 2021-22<br>(restated) | 2020-21<br>(restated) | 2019-20<br>(restated) | 2018-19<br>(restated) |
|---------|--|---------------|----------|-----------------------|-----------------------|-----------------------|-----------------------|
| 1       | Production                                       |               |          |                       |                       |                       |                       |
|         | a) Opencast                                      | (Lakh Tonnes) | 599.38   | 585.71                | 460.65                | 553.78                | 552.24                |
|         | b) Underground                                   | (Lakh Tonnes) | 71.99    | 64.51                 | 45.15                 | 86.66                 | 91.77                 |
|         | c) Total   | (Lakh Tonnes) | 671.37   | 650.22                | 505.80                | 640.44                | 644.01                |
| 2       | Off-take   | (Lakh Tonnes) | 666.93   | 655.33                | 485.13                | 624.65                | 676.69                |
| 3       | Stock of Coal                                    | (Lakh Tonnes) | 52.81    | 48.39                 | 53.96                 | 34.68                 | 18.64                 |
| 4       | Output per Man Shift                             | (Tonnes)      | 3.99     | 4.61                  | 4.20                  | 4.89                  | 4.83                  |
| 5       | Power Generation From 2x600 MW STPP              |               |          |                       |                       |                       |                       |
|         | a) Gross Generation                              | (MUs)         | 9303.96  | 9352.93               | 7345.06               | 9226.88               | 8698.48               |
|         | b) Auxiliary consumption                         | (MUs)         | 562.00   | 545.37                | 449.73                | 555.65                | 490.27                |
|         | c) Net export                                    | (MUs)         | 8741.96  | 8807.57               | 6895.33               | 8671.23               | 8208.21               |
|         | d) Plant Load Factor (PLF)                       | %             | 88.24    | 88.90                 | 69.59                 | 87.53                 | 83.71                 |
| 6       | Manpower   | (Nos.)        | 42724    | 43672                 | 43895                 | 46021                 | 48942                 |
| 7       | Net Sales  | (Rs Crore)    | 26179.26 | 20489.46              | 13756.21              | 18854.12              | 19822.50              |
|         | a) Coal Sales                                    | (Rs Crore)    | 21764.00 | 16628.38              | 10536.28              | 14727.36              | 16339.43              |
|         | b) Power Sales                                   | (Rs Crore)    | 4415.26  | 3861.08               | 3219.93               | 4126.76               | 3483.07               |
| 8       | Total Income                                     | (Rs Crore)    | 28755.47 | 21890.22              | 15870.94              | 19778.32              | 20699.36              |
| 9       | Profit Before Tax                                | (Rs Crore)    | 3074.36  | 1684.72               | 777.26                | 2857.47               | 2822.48               |
| 10      | Profit After Tax                                 | (Rs Crore)    | 2222.46  | 1193.21               | 441.59                | 1003.52               | 1822.91               |
| 11      | Accumulated Profit                               | (Rs Crore)    | 9007.89  | 6641.48               | 5542.47               | 5498.01               | 4720.31               |
| 12      | Other Comprehensive Income                       | (Rs.Crore)    | -813.42  | -439.48               | -403.17               | -474.39               | -456.04               |
| 13      | General Reserve                                  | (Rs Crore)    | 1960.40  | 1860.40               | 1760.40               | 1660.40               | 1560.40               |
| 14      | Equity Share Capital                             | (Rs Crore)    | 1733.20  | 1733.20               | 1733.20               | 1733.20               | 1733.20               |
| 15      | Net Worth  | (Rs Crore)    | 11936.20 | 9814.49               | 8641.82               | 8421.06               | 7557.87               |
| 16      | Earning per Share                                | (Rs.)         | 14.98    | 7.09                  | 2.14                  | 5.90                  | 10.61                 |
| 17      | Long-Term Debt (including current maturity)      | (Rs Crore)    | 2820.59  | 3702.59               | 3997.09               | 4189.84               | 4282.29               |
| 18      | Total Debt (Long Term Debt + Current Borrowings) | (Rs Crore)    | 2824.94  | 4139.55               | 5345.85               | 4454.68               | 4294.66               |
| 19      | Long Term Debt to Total Equity Ratio             | (Ratio)       | 0.24:1   | 0.38:1                | 0.46:1                | 0.50:1                | 0.57:1                |
| 20      | Total Debt to Total Equity Ratio                 | (Ratio)       | 0.24:1   | 0.42:1                | 0.62:1                | 0.53:1                | 0.57:1                |
| 21      | Cost of Sales to Sales                           | %             | 88.26    | 91.78                 | 94.35                 | 84.84                 | 85.76                 |
| 22      | Debtors as No. of months' Sales                  | (Months)      | 5.91     | 7.07                  | 6.79                  | 4.99                  | 2.65                  |
| 23      | Contribution to Exchequer                        |               |          |                       |                       |                       |                       |
|         | - State Government                               | (Rs Crore)    | 5418.42  | 654.06                | 2054.27               | 1906.47               | 3348.40               |
|         | - Central Government                             | (Rs Crore)    | 3216.65  | 2932.57               | 2107.25               | 3330.22               | 3680.45               |
|         | - Odisha Government                              | (Rs Crore)    | 3.08     | 9.46                  |                       |                       |                       |



## The Singareni Collieries Company Limited

( A Government Company )

Regd. office: Kothagudem Collieries (PO) – 507 101

Bhadradri Kothagudem Dist., Telangana State

**CIN: U10102TG1920SGC000571**

Website: www.scclmines.com email: cosecy@scclmines.com

### NOTICE

Notice is hereby given to all the shareholders of The Singareni Collieries Company Limited that the 102<sup>nd</sup> Annual General Meeting of the Company will be held on **Friday the 29<sup>th</sup> day of September, 2023 at 11.00 a.m.** at the Registered office, Head office building, Kothagudem Collieries (P.O) – 507 101, Bhadradri Kothagudem District, Telangana State to transact the following business.

1. To consider and adopt the Board's Report and the audited Annual Accounts for the financial year 2022-23.
2. To declare dividend @10% on the paid-up equity share capital for the financial year 2022-23.
3. To appoint Director in place of Smt. Santosh who retires under Article 98 of the Articles of Association of the company and is eligible for re-election.
4. To fix the remuneration payable to Statutory Auditors to be appointed by C&AG of India for the financial year 2023-24.

“RESOLVED that pursuant to the provisions of Section 142 and other applicable provisions if any, of the Companies Act, 2013, the sanction be and is hereby accorded for payment of remuneration and reimbursement of T.A & out of pocket expenses as decided by the Board of Directors to Statutory Auditors to be appointed by the C&AG of India for the audit of accounts of the Company for the financial year 2023-24.”

#### SPECIAL BUSINESS:

5. To consider and if thought fit to pass with or without modification the following resolution as an ordinary resolution.

“RESOLVED that pursuant to the provisions of Section 148 and other applicable provisions if any, of the Companies Act, 2013 and the Companies (Audit and Auditors) Rules, 2014, the sanction be and is hereby accorded for payment of remuneration of Rs.5 Lakhs and reimbursement of T.A & out of pocket expenses to M/s PKR & Associates LLP, Hyderabad, Cost Auditors appointed by the Board of Directors in the 567<sup>th</sup> meeting held on 14.07.2023 for the audit of cost accounting records of the Company for the financial year 2023-24.”

Date : 02.09.2023  
Place : Kothagudem

By order of the Board  
Sd/-  
**(K.Sunitha Devi)**  
Company Secretary  
ACS No. 51468

**Notes:**

1. A member entitled to attend and vote is entitled to appoint a proxy to attend and vote instead of himself and the proxy need not be a member.
2. The explanatory statement pursuant to section 102 of the Companies Act, 2013 in respect of the special business is annexed.
3. The Board of Directors in the 567<sup>th</sup> meeting held on 14.07.2023 recommended dividend @10% on the paid up equity share capital for the financial year 2022-23. If approved the dividend will be paid to the shareholders as at the opening hours of 30.09.2023.
4. The Register of members and Share transfer books of the Company will remain closed from 23.09.2023 to 29.09.2023 (both days inclusive) 7 days accordingly.
5. The shareholders are requested to intimate any change in their address to the Registered office of the Company for sending all correspondence.

**ANNEXURE TO NOTICE**

Explanatory statements pursuant to Section 102 of the Companies Act, 2013.

**Resolution No.5:**

The Board of Directors in the 567<sup>th</sup> meeting held on 14.07.2023 appointed M/s PKR & Associates LLP, Cost Accountants as Cost Auditors for the audit of cost accounting records of the Company for the financial year 2023-24 on the following terms & conditions.

- a) The fee for Cost Audit for the financial year 2023-24 will be Rs.5 lakhs.
- b) The travelling and out of pocket expenses will be restricted to 50% of the audit fee subject to production of documentary evidence.
- c) Taxes shall be paid extra as applicable on furnishing the registration number with the appropriate authority.

Pursuant to the provisions of Section 148 of the Companies Act, 2013 and the Companies (Audit and Auditors) Rules, 2014, approval of the shareholders is sought for payment of remuneration and reimbursement of T.A & out of pocket expenses to M/s PKR & Associates LLP as Cost Auditors for the financial year 2023-24 as recommended by the Board of Directors.

None of the Directors is personally interested in the resolution proposed to be passed.





**102<sup>nd</sup> Annual General Meeting of SCCL held on 29.09.2023 at Registered Office, Kothagudem**



**Coal Production in Open cast mine with Shovel, Dumper combination**



## BOARD'S REPORT

Dear Members,

Your Board of Directors have pleasure in presenting the 102<sup>nd</sup> Annual Report and audited financial statements of the Company for the financial year ended on 31<sup>st</sup> March 2023.

### PERFORMANCE:

The performance achieved by the Company during the year is as under:

| Performance parameters   | 2022-23         | 2021-22<br>(Restated) | % variance<br>over 2021-22 |
|--|-----------------|-----------------------|----------------------------|
| <b>Coal</b>  |                 |                       |                            |
| Production (in million tonnes)                                     | <b>67.14</b>    | 65.02                 | 3.26%                      |
| Despatches (in million tonnes)<br>(excluding Colliery consumption) | <b>66.69</b>    | 65.53                 | 1.77%                      |
| Productivity (output per man shift in tonnes)                      | <b>3.99</b>     | 4.61                  | -13.45%                    |
| <b>Power (2x600 MW STPP)</b>                                       |                 |                       |                            |
| Gross generation (Million Units)                                   | <b>9303.96</b>  | 9352.93               | -0.52%                     |
| Auxiliary consumption (Million Units)                              | <b>562.00</b>   | 545.37                | 3.05%                      |
| Net export (Million Units)   | <b>8741.96</b>  | 8807.57               | -0.74%                     |
| Gross sales of coal and power (Rs. in crore) (including all taxes) | <b>33065.07</b> | 26585.75              | 24.37%                     |

### OPERATIONAL RESULTS:

The Financial Performance of the Company for the year 2022-23 as compared to the previous year is as under:

(Rs. in crore)

| Particulars  | 2022-23         | 2021-22<br>(Restated) |
|--|-----------------|-----------------------|
| <b>Total revenue</b>   | <b>28755.47</b> | 21890.22              |
| Profit before interest, depreciation, provisions, tax & prior period adjustments | <b>6666.51</b>  | 5727.20               |
| Less: Finance Costs  | <b>1600.73</b>  | 1326.12               |
| Depreciation and Amortisation  | <b>2276.42</b>  | 1619.76               |
| Provisions including write-offs  | <b>214.71</b>   | 1145.12               |
| Tax expenses (Incl. Tax on OCI)  | <b>851.90</b>   | 491.51                |
| Other comprehensive income   | <b>(499.71)</b> | (48.51)               |
| <b>Total comprehensive income – Profit After Tax</b>                             | <b>2222.46</b>  | <b>1193.20</b>        |
| Appropriations :   |                 |                       |
| Dividend   | <b>173.32*</b>  | 129.99                |
| Transfer to General Reserve  | <b>100</b>      | 100                   |

\* Dividend @ 10% on the paid up equity capital for the financial year 2022-23 is recommended by your Board of Directors in the 567<sup>th</sup> meeting held on 14.07.2023.

**Share capital:**

During the year under report, there is no change in the authorised and paid-up share capital of the Company and it remained at Rs.1800 crore and Rs.1733.20 crore respectively as in the previous year.

**Capital Expenditure:**

The amount spent on capital additions during the year under report was Rs.1130.92 crore as against Rs.1613.23 crore incurred in the previous year.

**Foreign exchange earnings and outgo:**

The foreign exchange outgo during the year under report was Rs.5.53 crore as against Rs.9.82 crore in the previous year, which is mainly due to import of equipment & spares, payment of consultancy charges etc. There were no foreign exchange earnings during the year under report.

**PRODUCTION PERFORMANCE:****Production from Opencast & Underground mines:**

The Company has achieved **67.14** million tonnes of production during the year under report as against the target of **70.00** million tonnes (including 2.50 MT from Naini coal mine in Odisha). Out of the total production, opencast projects have produced **59.94** million tonnes and Underground mines have produced **7.20** million tonnes.

The technology-wise details of production achieved during the year under report against the targets as well as achievement in the previous year are as under:

(in million tonnes)

| Sl. No.   | Technology               | 2022-23       |               | 2021-22<br>Actual | % variance over<br>2021-22 |
|-----------|--------------------------|---------------|---------------|-------------------|----------------------------|
|           |                          | Target        | Actual        |                   |                            |
| <b>1.</b> | <b>Underground</b>       |               |               |                   |                            |
|           | <b>Machine mining:</b>   |               |               |                   |                            |
| i.        | Road header              | 0.030         | -             | 0.007             | -                          |
| ii.       | Longwall                 | 1.930         | 1.537         | 1.035             | 48.50                      |
| iii.      | High wall                | -             | -             | 0.193             | -                          |
| iv.       | Bolter Miner             | 0.240         | 0.127         | 0.135             | -5.93                      |
| v.        | Side Dump Loaders        | 4.595         | 4.047         | 4.023             | 0.60                       |
| vi.       | Load Haul Dumpers        | 0.645         | 0.334         | 0.399             | -16.29                     |
| vii.      | Continuous miner         | 1.360         | 1.154         | 0.657             | 75.65                      |
|           | <b>Total underground</b> | <b>8.800</b>  | <b>7.199</b>  | <b>6.450</b>      | <b>11.61</b>               |
| <b>2.</b> | <b>Opencast</b>          | <b>61.200</b> | <b>59.937</b> | <b>58.571</b>     | <b>2.33</b>                |
|           | <b>Total (1 + 2)</b>     | <b>70.000</b> | <b>67.137</b> | <b>65.021</b>     | <b>3.25</b>                |

**Reasons for shortfall in production against the target:**

The main reason for shortfall in production is delay in commissioning of New projects (2.50 MT planned from Naini OC & 1 MT planned VK OC) due to delay in Forest Land diversions.

**Overburden removal performance:**

During the year under report, the Company has achieved overburden removal of 410.11 million cubic metres in opencast projects as against 383.39 million cubic metres achieved



in the previous year. The details of overburden removal by Company equipment and through outsourcing agencies are as under:

(in million Cu. Mtrs.)

| Particulars       | 2022-23       |               | 2021-22       | Variance over 2021-22 |             |
|-------------------|---------------|---------------|---------------|-----------------------|-------------|
|                   | Target        | Actual        | Actual        | Absolute              | Percentage  |
| Company equipment | 60.00         | 49.86         | 52.39         | -2.53                 | -4.83       |
| Outsourcing       | 365.00        | 360.25        | 331.00        | 29.25                 | 8.84        |
| <b>Total</b>      | <b>425.00</b> | <b>410.11</b> | <b>383.39</b> | <b>26.72</b>          | <b>6.97</b> |

➤ Main reasons for shortfall in OB removal are heavy rainfall & delay in start of new opencast projects.

### Utilization of Capacity:

| Particulars                 | 2022-23      |              |                           | 2021-22      |              |                           |
|-----------------------------|--------------|--------------|---------------------------|--------------|--------------|---------------------------|
|                             | Target       | Actual       | % Achieved against Target | Target       | Actual       | % Achieved against Target |
| <b>Capacity Utilization</b> | <b>86.80</b> | <b>83.25</b> | <b>95.9</b>               | <b>95.00</b> | <b>90.83</b> | <b>95.6</b>               |

### Productivity in terms of out put per man shift:

Productivity in terms of output per man shift in underground mines & opencast projects and for the entire Company for the year under report vis-à-vis previous year is as under:

(in tonnes)

| Particulars           | 2022-23 |        | 2021-22 | Variance over 2021-22 |            |
|-----------------------|---------|--------|---------|-----------------------|------------|
|                       | Target  | Actual | Actual  | Absolute              | Percentage |
| Underground Mines     | 1.66    | 1.27   | 1.19    | 0.08                  | 6.7        |
| Opencast projects     | 17.83   | 13.94  | 15.15   | -1.21                 | -8.0       |
| UG & OC - Mines       | 7.42    | 5.31   | 6.09    | -0.78                 | -12.8      |
| - Mines & Departments | 5.49    | 3.99   | 4.61    | -0.62                 | -13.4      |

### Performance of HEMM:

Performance of Heavy Earth Moving Machinery in terms of availability and utilisation as against the previous year is indicated below:

| HEMM         | Numbers on roll |            | CMPDI Norms    |                      | % Availability |           | % Utilisation on Scheduled shift hours |           |
|--------------|-----------------|------------|----------------|----------------------|----------------|-----------|--|-----------|
|              | 2022-23         | 2021-22    | % availability | % utilisation on SSH | 2022-23        | 2021-22   | 2022-23                                | 2021-22   |
| Draglines    | 1               | 1          | 85             | 73                   | 77             | 45        | 52 (71)                                | 25 (34)   |
| Shovels      | 73              | 74         | 80             | 60                   | 82             | 82        | 50 (83)                                | 53 (88)   |
| Dumpers      | 457             | 468        | 67             | 50                   | 83             | 85        | 35 (70)                                | 36 (72)   |
| Dozers       | 111             | 111        | 70             | 45                   | 75             | 77        | 22 (49)                                | 23 (51)   |
| Drills       | 58              | 60         | 78             | 40                   | 81             | 85        | 23 (58)                                | 25 (63)   |
| Others       | 181             | 177        |                |                      | 76             | 80        | 20                                     | 21        |
| <b>Total</b> | <b>881</b>      | <b>891</b> |                |                      | <b>80</b>      | <b>83</b> | <b>31</b>                              | <b>32</b> |

**Note:** Figures shown in brackets indicate percentage achievement of CMPDI norm.



## Performance of Underground Mining Machinery

Performance of Underground Mining Machinery in terms of availability and utilisation as against the previous year is indicated below:

| UGMM Equipment        | Numbers on roll |            | SCCL Norms     |                          | % Availability |           | % Utilisation on Scheduled shift hours * |           |
|-----------------------|-----------------|------------|----------------|--------------------------|----------------|-----------|--|-----------|
|                       | 2022-23         | 2021-22    | % Availability | % Utilization w.r.t. SSH | 2022-23        | 2021-22   | 2022-23                                  | 2021-22   |
| Longwall              | 1               | 1          | 75             | 67                       | 54             | 52        | 29 (43)                                  | 26 (38)   |
| Road Header           | 5               | 5          | 83             | 42                       | 92             | 100       | -  | 1 (2)     |
| Bolter Miner          | 2               | 2          | -              | -                        | -              | -         | -  | -         |
| Continuous Miner      | 5               | 5          | 75             | 42                       | 77             | 76        | 15 (36)                                  | 9 (21)    |
| Load Hauler Dumper    | 24              | 28         | 91             | 57                       | 75             | 76        | 29 (51)                                  | 25 (44)   |
| Side Discharge Loader | 149             | 163        | 91             | 58                       | 93             | 93        | 29 (50)                                  | 27 (47)   |
| <b>Total</b>          | <b>186</b>      | <b>204</b> |                |                          | <b>90</b>      | <b>91</b> | <b>28</b>                                | <b>26</b> |

Note: \* Figures shown in ( ) indicate % achievement of system utilization.

\* Bolter Miner at ALP & SK mines and Continuous Miner at PVK & KP UG are by outsourcing.

## MARKETING:

### Target and off-take of coal:

Your Company has achieved 66.69 million tonnes off-take of coal during the year under report, against the target of 70.00 million tonnes. During the year, the Company has got 161 new customers under power, non-power and e-auction categories. The Company has entered into MoUs with 8 Public Sector power utilities. The details of sector-wise AAP target & off-take during the year under report as compared to the previous year are as under.

(in million tonnes)

| Sector            | 2022-23      |              |              | 2021-22      |              |              |
|-------------------|--------------|--------------|--------------|--------------|--------------|--------------|
|                   | Target       | Off-take     | % Achieved   | Target       | Off-take     | % Achieved   |
| Power             | 57.80        | 54.97        | 95.10        | 56.00        | 53.65        | 95.81        |
| Cement            | 2.90         | 3.21         | 110.69       | 3.16         | 3.07         | 97.03        |
| Captive power     | 3.40         | 3.20         | 94.12        | 3.51         | 3.21         | 91.53        |
| Heavy Water Plant | 0.60         | 0.61         | 101.67       | 0.60         | 0.56         | 93.72        |
| Sponge Iron       | 0.38         | 0.41         | 109.33       | 0.30         | 0.25         | 84.83        |
| Other Industries  | 4.93         | 4.29         | 87.11        | 4.43         | 4.78         | 108.00       |
| <b>Total</b>      | <b>70.00</b> | <b>66.69</b> | <b>95.27</b> | <b>68.00</b> | <b>65.53</b> | <b>96.37</b> |



## Mode of dispatches:

The details of dispatches through different modes during the year under report as against previous year are as indicated below;

(in million tonnes)

| Year                          | Rail  | Road  | Merry-go-round | Rope-way | Total |
|-------------------------------|-------|-------|----------------|----------|-------|
| 2022-23                       | 44.74 | 14.04 | 7.30           | 0.61     | 66.69 |
| 2021-22                       | 44.85 | 12.89 | 7.23           | 0.56     | 65.53 |
| Absolute increase/ decrease % | -0.25 | 8.92  | 0.97           | 8.93     | 1.77  |

## Rake Loading performance:

(No of Rakes\*)

| Year    | Target | Actual |
|---------|--------|--------|
| 2022-23 | 12153  | 11461  |
| 2021-22 | 11972  | 11462  |

\* Rake consists of 57 to 59 wagons.

## Measures taken for improving the quality of Coal:

Measures taken for improving the quality of Coal are as under;

- Sampling of coal is being done regularly to ensure that declared coal grade is being dispatched. Required measures are being taken to maintain quality of coal as per declared grade in addition to the Third Party Sampling system. The complaints received from customers are redressed promptly.
- Regular review meetings are conducted with customers to address their concerns if any, both at Area level and also at SCCL level.
- “Quality week” is being conducted every year to bring awareness at production units.

## EXPLORATION ACTIVITIES:

1428.98 million tonnes of reserves were proved in Talcher Coalfield during the year under report against 480.91 million tonnes proved in the previous year. With this the total proved reserves in Godavari Valley Coalfield have gone up to 11849.54 million tonnes as on 31.3.2023. -

## INDUSTRIAL RELATIONS:

The details of strikes, Lay Offs, man days and production lost during the year under report as against in the previous year are as under:

| Particulars     | Unit  | 2022-23 | 2021-22 |
|-----------------|-------|---------|---------|
| Strikes         | No.   |         | 02      |
| Lay Offs        | No.   | 2       | 01      |
| Mandays lost    | No.   | 7770    | 166174  |
| Production lost | Tonne | 16667   | 552339  |



## **EMPLOYEES' WELFARE MEASURES AND SOCIAL SECURITY SCHEMES:**

Welfare and social security to the employees are given due importance and various welfare activities viz., housing & sanitation, educational, recreational, medical facilities with super specialty hospital services and social security schemes that were in vogue are being continued.

- Monthly monetary compensation to female dependents in case of death/total permanent disablement due to cause other than mine accident and medical unfitness & death due to mine accident of employee to Rs.26,292.97 i.e., equivalent of minimum basic of category-I as per 10<sup>th</sup> wage agreement of NCWA employees.
- The overall housing satisfaction as on 31.3.2023 was 100% as against 100% at the end of previous year.
- Measures are being taken for continuous improvement of Company's hospitals.
- The provisions of Maternity Benefit Act are being implemented benefiting the Women employees of the Company. Under this Act Women employees are sanctioned 26 weeks Maternity Benefit Leave.
- Grant of Child Care Leave to female NCWA employees (w.e.f. 30th October, 2017)
- There are 22 swimming pools throughout the Company for the benefit of employees.
- Canteen facilities have been improved.
- All employees were advised to observe International Yoga Day on 21st June, 2022.
- The Singareni Collieries Educational Society sponsored by the Company has been running 9 Schools at various areas, Women's PG & Degree and Girls Junior College at Kothagudem and one Polytechnic College at Srirampur. Apart from curriculum and academic activities, encouragement has also being given for NCC, Scouts & Guides movement, various arts like drawing, music etc.
- Employees are being provided sports facilities & required infrastructure and are also encouraged to participate in sports & games.
- Contributory Post-Retirement Medicare scheme is being implemented for retired NCWA & Executive cadre employee.

## **Social Overheads:**

During the year under report an expenditure of Rs.609.66crore was incurred on various social overheads as against Rs. 593.55 crore incurred in the previous year.

## **Activities through Singareni Seva Samithi:**

The Company has taken up several welfare activities through 'Singareni Seva Samithi', a non-profit organisation established by the SCCL in 1998 are as under;

- About 2728 dependants of employees / Ex-employees and locals have undergone training in Skill development programmes through KGMV in different vocational trades like Maggam work, Tailoring, Fashion designing, Beautician etc.
- Out of above 2728 candidates, 298 persons in Tailoring, 110 persons Maggam work, Fashion Designing 90 and 54 persons in Beautician course were trained during the year.
- Sales activity at SSS shop in Uppal Shilparamam is continued.
- Financial assistance extended to 99 children of outsourced employees working at Hyderabad office for continuing their education.



- Special children were supported by the Company, who are associated with Satya Sai Deaf & Dumb School, Manuguru.
- Financial support extended to Vanavasi Kalyan Parishad organized schools at Corporate & MM areas for the benefit of Tribal children.
- As per Govt. of India directions, all Employees were advised to observe International Yoga Day on 21<sup>st</sup> June, 2023.
- International Women's Day organized at all Areas on 8<sup>th</sup> March, 2023.
- As part of Har Ghar Tiranga programme - to encourage Tailoring trained groups of SSS, permission given to MMR area Tailoring group to prepare 10,000 nos of National Flags for distribution to off-loading work force in connection with Independence Day celebrations on 15<sup>th</sup> Aug., 2022 Azadi ka Amrit Mahotsav.

### CSR Committee of Board:

Corporate Social Responsibility Committee of Board constituted under the provisions of Section 135 of the Companies Act, 2013 read with Companies (Corporate Social Responsibility Policy) Rules, 2014 consists following members.

- |      |                              |                   |
|------|------------------------------|-------------------|
| i)   | Chairman & Managing Director | - Chairman        |
| ii)  | Director (Finance)           | - Member          |
| iii) | Director (Operations)        | - Member          |
| iv)  | Director (P,A&W)             | - Member Convenor |

Annual Report on CSR activities of the Company for the financial year 2022-23 is being submitted in this meeting as separate item. On approval of the Board the same will be given as Annexure-I.

### INFORMATION TECHNOLOGY & NETWORKING:

The following measures were taken for using Information Technology in the operations of the Company.

- **Maintenance and Other Support jobs**
  - a. Existing Web based Applications
  - b. SCCL website
  - c. Deployment and Maintenance of web applications in various web servers like scclmines, webhyd, webcor
  - d. Technical support for conducting Web Counseling for various designations
  - e. Monthly processing of payroll data to SAP HR pertaining to Gas Bills re-imbusement.
  - f. Customization of Online Application System for various Apprentices External Notifications
  - g. User Trainings
- Development of web based application for Hospital Management System (HMS)
- Incorporated enhancements in CPRMS Web Application and implemented.
- Developed Web based application to upload important medical records pertaining to In-patient SCCL employees.
- Incorporated enhanced Safety Application and implemented.





- Enhancements incorporated and implemented in Civil Billing System
- Marketing related enhancements incorporated and implemented.
- Incorporated major enhancements in slntraweb for HRD Dept.

### SAFETY STATUS:

Your Company is taking all measures for improving the safety status in mines. Corporate and Region level Safety Review Meetings were conducted regularly. Safety Audit was also being done. The details of accidents and persons involved are as under:

| Year    | Fatal            |                         | Serious          |                        | Injury rate per million tonne of production |         |
|---------|------------------|-------------------------|------------------|------------------------|---|---------|
|         | No. of accidents | No. of persons involved | No. of accidents | No. of persons injured | Fatal                                       | Serious |
| 2022-23 | 4                | 4                       | 98               | 101                    | 0.06  | 1.52    |
| 2021-22 | 8                | 16                      | 100              | 104                    | 0.25  | 1.60    |

### HUMAN RESOURCE DEVELOPMENT:

The objective of HRD department of the Company is to improve the competencies of all its employees and to enable them to become excellent performers, responsible citizens and best teams and ideal family members by harnessing their full potential so as to make them to lead healthy, peaceful, stress-free prosperous life. The Company has good in-house training centers with facilities like Library, LCD projectors, Computers and Internet at various areas. During the year under report, the details of total training centers are as indicated below:

| Sl. No. | Name of the centre  | No. of centres |
|---------|---|----------------|
| 1.      | Mines Vocational Training Centres (MVTC)  | 10             |
| 2.      | Technical Training Centre (TTC), Ramagundam (for opencast technology)                   | 1              |
| 3.      | Underground Mechanisation Training Institute (UMTI), RG-II (for underground technology) | 1              |
| 4.      | Nargundkar Institute of Management (NIM), RG-II (for executive training)                | 1              |

Number of executives & non-executives covered under in-house and outside training programmes are as under:

| Sl. No. | Particulars of training programmes                    | 2022-23    |                | 2021-22    |                |
|---------|---|------------|----------------|------------|----------------|
|         |   | Executives | Non-Executives | Executives | Non-Executives |
| 1.      | In-house  | 257        | 80             | 417        | 166            |
| 2.      | Induction Trainings                                   | 45         | 15             | 38         | -              |
| 3.      | Within the country                                    |            |                |            |                |
|         | - External training                                   | 478        | 266            | 262        | 155            |
|         | - Service training (Skill development)                | 63         | 279            | 34         | 139            |
| 4.      | UMTI( Employees trained on various UG Mine Machinery) | 22         | 2024           | 89         | 1404           |
| 5.      | TTC (NO.Of employees Trained) *                       | -          | 4064           | 34         | 2906           |
| 6.      | Outside the country                                   | -          | -              | -          | -              |



## Awards :

- SCCL has awarded with the India's most trusted Company's award during the year 2022 by the Federation of Indian Mineral Industries (FIMI).
- SCCL received "Indigo Brow Charkra CSR Excellence Award & Green Emerald Environment Excellence Award" of Geominetech VIBGYOR Golden Rainbow Awards 2020-21 awarded during 2022.
- FIMI Award was obtained for PVK 5 Inc, KGM with HRD follow up & meetings with FIMI.
- Participated in Coal Conclave exhibition organized by FIMI, New Delhi at HITEX Hyderabad. The paper submitted by SCCL on "Emerging Trends in Coal Dispatch System at SCCL" was awarded as Best Paper. STPP model exhibited in the exhibition was awarded as Best Model.

## Manpower:

The manpower of the company has come down from 43,672 as at the end of the previous year to 42,733 by the end of the year under report.

## Measures for conservation of energy:

The specific energy consumption in KWH / tonne of coal production has increased during the year under report by 4% over the previous year as detailed below:

| Description                              | 2022-23 |        | 2021-22 |        | % increase over 2021-22 |
|--|---------|--------|---------|--------|-------------------------|
|  | Target  | Actual | Target  | Actual |                         |
| Specific energy consumption in KWH/tonne | 14.50   | 11.43  | 14.50   | 10.99  | 4.00                    |

## PROJECTS AND SCHEMES:

### Projects/schemes under implementation:

As at the end of May 2023, there are 16 coal mining on-going projects (14 opencast and 2 Underground) under various stages of implementation with a sanctioned capital cost of Rs 5704.08 crs. and rated Capacity of 52.97 MTPA.

The implementation of 4 on-going projects is as per schedule, 12 projects are lagging behind schedule. SCCL is taking all possible steps to reduce the slippage in implementing the projects.

### Projects approved by the Company:

The Board of Directors of the Company have approved the following project / scheme during the year 2022-23 within its delegated powers:

| Sl. No. | Name of the Project    | Sanctioned Capital (Rs. crore) | Capacity per annum (MTPA) | Approved on |
|---------|------------------------|--------------------------------|---------------------------|-------------|
| 1.      | FR of Mahaveerkhani OC | 460.75                         | 2.00                      | 08.12.2022  |

### Future scenario of Coal industry with particular reference to SCCL in the light of coal, legal, financial & economic policy changes:

SCCL has diversified its activities in Thermal Power generation, Solar Power Plants, Explosive manufacturing for blasting in OC mines, etc.

SCCL is implementing agency for a new Coal S&T Project on "Establishment of Geo-thermal energy (20KW) capacity power generation Pilot Project at SCCL Command area of Manuguru based on closed loop Binary Organic Rankine Cycle Process Technology". Sub-Implementing Agency is Director General, Geological survey of India (GSI) and Shriram Institute for Industrial Research.

### Performance of 2x600 MW power project:

Power generation from 2x600 MW STPP has started from 01.06.2016. At present both the Units are in Operation. During the FY 2022-23, 9304 MU of power was generated from both the units and 8741 MU of power was exported to TSDISCOMs.



## Flue Gas Desulphurisation System (FGD):

The Board of Directors in the 548<sup>th</sup> meeting dated 13.03.2019 accorded approval to the DPR of Flue Gas Desulphurisation System (FGD) at a capital outlay of Rs.645.33 crore for installation at 2x600 MW STPP as required under MoEF&CC guidelines issued vide Gazette Notification dt.7.12.2015 to keep actual Sox emission value within the statutory limits.

Vide letter No. 499/PR.A1/2019 Dt: 14.06.2019 Govt of Telangana has accorded approval of DPR (Detailed project report) for installation of FGD system in existing 2X600MW STPP at capital outlay of Rs.645.3275 Crs. Accordingly, Open enquiry was floated for awarding the FGD contract.

The Board in the meeting held on 10.12.2021 accorded approval for awarding contract of Flue Gas Desulphurization (FGD) system package for STPP stage-1 on M/s PES Engineering Pvt. Ltd at a total cost of Rs.696.50 Crore (including taxes) by providing additional funds of Rs.54 Crs. Zero date of the project is 10.03.2022. At present Engineering completed, Bought out items ordering completed, civil works of unit-1 & unit-2 chimney, tanks, flue gas duct foundations completed and structural works of flue cans, flue gas ducts and support structures are in progress.

## Status of 1x800 MW additional 3<sup>rd</sup> unit (Stage-2) of STPP:

Govt. of Telangana has accorded approval for 800 MW Super Critical Unit (Stage-2) as a part of expansion of 2x600 MW (Stage-1) STPP vide letter dated 16.3.2017 and approved DPR at a cost of Rs.5,879.62 crore on 23.09.2017. NOC for Chimney height obtained from Airports Authority of India. MoEF&CC has issued ToR on 26.09.2017. Pre-award Consultancy work awarded to NTPC.

Govt. of Telangana has accorded approval for 800 MW Super Critical Unit (Stage-II) as a part of expansion of 2x600 MW (Stage-I) STPP and approved DPR at a cost of Rs.6,789.96 crore vide letter dated 22.06.2022.

NOC for Chimney height obtained from Airports Authority of India on 28.07.2022. MoEF& CC has issued Environment clearance vide file no J-13012/08/2015-IA II(T), dated 18.12.2019. TSDISCOMs expressed their willingness to enter into long term PPA with Singareni TPP for purchase of entire 800 MW capacity proposed under Stage-II. PPA is under preparation. Pre-award Consultancy work is awarded to NTPC.

## SOLAR POWER:

- The Board of Directors in the meeting held on 11.05.2018 approved to set up 300 MW capacity solar plants in SCCL. Out of the approved 300 MW Solar plants, 224 MW plant at 9 locations were commissioned. The solar energy exported to the grid from these solar plants for the year 2022-23 is as below.

| Sl. No | Location           | Solar Plant Capacity (MW) | EPC Firm                               | Synchronised to full capacity on | Exported during 2022-23 (kWh units) |
|--------|--------------------|---------------------------|--|----------------------------------|-------------------------------------|
| 1      | Manuguru           | 30                        | <b>BHEL</b>                            | 07.09.2020                       | 43,382,400                          |
| 2      | Yellandu           | 39                        |  | 05.03.2021                       | 54,176,031                          |
| 3      | Ramagundam-3       | 50                        |  | 31.12.2021                       | 54,568,654                          |
| 4      | STPP               | 10                        |  | 10.02.2020                       | 15,537,600                          |
| 5      | Mandamarri Stage-1 | 28                        | <b>Adani Infra (India) Ltd.</b>        | 04.08.2021                       | 47,553,096                          |
| 6      | Mandamarri Stage-2 | 15                        |  | 27.05.2021                       | 25,849,400                          |
| 7      | Bhupalapalli       | 10                        |  | 05.06.2021                       | 16,945,348                          |
| 8      | Kothagudem         | 37                        |  | 03.11.2021                       | 58,990,214                          |
| 9      | STPP (Floating)    | 5                         | <b>Novus Green Energy Systems Ltd.</b> | 22.01.2023                       | 1,088,400                           |
|        | <b>TOTAL</b>       | <b>224</b>                |  |                                  | <b>318,091,143</b>                  |



- The remaining 76 MW Solar Plants will be commissioned during the year 2023-24. Details of EPC Firms are as below.

| Sl. No. | Location        | Solar Plant capacity (MW) | Awarded to                  |
|---------|-----------------|---------------------------|-----------------------------|
| 1       | Kothagudem      | 22.5                      | Enrich Earthin Project1 LLP |
| 2       | Kothagudem      | 10.5                      |                             |
| 3       | Chennur SRP     | 11.0                      |                             |
| 4       | RGM-3           | 22.0                      | Gensol Engg.                |
| 5       | Reservoir, STPP | 10.0                      | Novus Green Energy          |
|         | <b>TOTAL</b>    | <b>76.00</b>              |                             |

- It is proposed to establish 250 MW Floating solar PV plant one each at I&CAD Reservoirs at LMD Karimnagar and Mallanna Sagar, Siddipeta. DPR preparations are under process.
- SCCL Board has approved to install further 232 MW Solar plants to achieve Net Zero Energy target.

### **PROTECTION OF ENVIRONMENT, ECOLOGY & BIO-DIVERSITY:**

During the year under report, company has made afforestation activities by planting an area of 557.5 Ha. The total No. of plants planted are 46.20 Lakhs including free distribution.

- Environmental Clearances were obtained from MoEF&CC for the following projects:
  - JK-5 OC from 2.50 MTPA to 3.50 MTPA (Violation category)
  - IK-1A Incline - 0.54 MTPA (Violation category)
  - RG OC-III Exp. Ph-II – 9.52 MTPA (20%, Stage-2)
  - RG OC-I Exp. Ph-II – 3.30 MTPA to 5.30 MTPA
  - SRP OC-II Exp. – 2.50 MTPA to 3.50 MTPA
  - GDK-7 LEP – 0.368 MTPA (Violation category)
- ToRs were obtained from MoEF&CC for the following projects:
  - Goleti OC
  - JK OC
- EAC recommended for grant of Environmental Clearance for the following projects:
  - MOCP (Violation category)
  - Kasipet-1 Incline (Violation category)
- Wild life conservation plan (WLCP) for coal mines of Srirampur Area was prepared and got approved by PCCF & Chief Wildlife Warden, Government of Telangana. WLCP for Mandamarri Area has been prepared and submitted to PCCF for approval.
- Third party environmental audit work was awarded to ICFRE, Dehradun (4 mines) & CSIR-NEERI, Nagpur (3 mines) in compliance to one of the EC conditions. The audit work was completed by ICFRE and CSIR-NEERI.
- SCCL awarded the work of satellite data based land use studies of 42 mines to Greencindia Pvt. Ltd. and the firm completed the work for 24 mines during 2022.



- SCCL awarded the work of “Post-Project Environmental Monitoring in SCCL Mining Areas” to EPTRI for a period of 5 years and work commenced in September 2022.
- SCCL awarded the work of “Post-Project Environmental Monitoring at Naini coal mine for a period of 2 years and work will start after commencement of mining operations.
- SCCL awarded the work of “Collection of one season Environmental Baseline Data for 5 mines” to EPTRI.
- SCCL awarded the work of CMC to M/s ENVEA for 8 old CAAQMS which were procured during 1<sup>st</sup> phase.
- As per MoC guidelines, project-wise EC compliance status and post project Environmental monitoring data are being uploaded in Mine Data Management System (MDMS) Portal of MoC.
- As per the guidelines of Ministry of Coal, following activities were taken up by the “Sustainable Development Cell (SDC)” established in the company.
  - i. Creation of eco-parks/mine tourism sites
  - ii. Mine water utilization
  - iii. Bio-Reclamation / Plantation
  - iv. Alternate usage of OB
  - v. Ecological studies through reputed agencies
  - vi. Scientific study on usage of fly ash in running mines
  - vii. Environmental audit through reputed agencies
  - viii. Energy efficient measures
  - ix. Greening activities
  - x. Carbon neutrality roadmap
- Order placed on JNTU, Hyderabad for preparation of DPR towards implementation of engineering interventions for sustenance of aquatic life in the opencast mine voids in connection with compliance of EC conditions and report was submitted by the firm.
- Surveillance audit work was completed for continuation of ISO 9001 certification of Project Planning and Environment departments.
- Environmental awareness programs were conducted on the occasion of World Environment Day and Singareni Day.
- Officers from Corporate Environment department inspected mines & CHPs for monitoring compliance of EC/ CFO conditions along with Annual Fortnight Safety inspections.
- Works carried out by mine closure cell during 2022-23:
  - i. The quarterly reports of all the operating mines for financial year 2022-23 were submitted to the CCO. The annual mine closure reports of all mines for the year 2021-22 were submitted to CCO in August 2022.
  - ii. SCCL has so far received an amount of Rs.135.13 Crores from ESCROW accounts towards claims of progressive mine closure activities in respect of 10 mines.
  - iii. Third party verification of 2 mines, KK OC and KTK-5 was completed by NEERI, Nagpur and report was submitted to CCO for claiming 50% of amount deposited in ESCROW account.



## RESEARCH & DEVELOPMENT:

During the year under report, R&D activities taken up and benefits derived are as under;

- Scientific studies conducted in various subject areas by In-house expertise during 2022-23 are 64. Tentative charges for the studies are Rs 398.75 lakhs.
- Scientific studies conducted in various external Scientific Institutions during 2022-23 are 25. Tentative charges for the studies are Rs 247.75 lakhs.
- Conducted meetings with RADAR Committee members and prospective bidders available in India to frame the technical specifications of RADAR system for slope monitoring in opencast mines. After the meetings, technical specifications of the RADAR system were finalised and approval of was obtained from the competent authority.
- Carried out the blasting study of MNGOCP from 28.05.2022 to 01.06.2022 to conduct blasting between 50m to 100m from the earthen bund from 28.05.2022 to 01.06.2022.
- Carried out the blasting study, Bench Mark Powder Factor fixation study for placement of Explosives and Accessories for 2<sup>nd</sup> diversion of Vattivagu, study of impact of blasting operations in some of the OC mines, field trail blasts were conducted with electronic detonators for efficient safe blasting near the habitations at OCPs.
- Awarded PO for calibration of VoD mates and arranged calibration three numbers of VOD mates being arranged in the month of November 2022 at M/s Uttam Blastech Pvt Ltd.
- Establishment of Geo-technical Laboratory is in progress, procurement of Laboratory Equipment is under process.
- Arranged and conducted the surveillance audit on 29.03.2023 for renewal of ISO 9001:2015 certification to R&D Dept.
- Training program conducted on ventilation and blasting at MVTC's.
- Appraised MoEFCC and obtained exemption of EC in coordination with CIL for S&T project on conversion of CO<sub>2</sub> to Methanol being implemented at STPP. Application submitted by SCCL for obtaining CFE from TSPCB.
- Approval accorded for conducting feasibility study to establish Ammonium Nitrate plant of 400 TPD capacity by gasification of high ash coal. BHEL and EIL was requested to submit the consent and budgetary estimate for conducting feasibility study. Proposal submitted by EIL was qualified, meeting conducted with officials of EIL for detailed discussions and negotiations. Proposal moved for financial approval for awarding the study to EIL.
- Meeting conducted with Dr. Rao Balusu, Scientist, CSIRO-Australia on 14.11.2022 at Kothagudem about future longwall panels and other issues of Adriyala Longwall Project.
- Draft MoU between SCCL and TSMDC for marketing and other terms and conditions for sale of M-Sand being produced by SCCL through TSMDC portal.
- Climatic simulation study conducted for ALP for improvement of environmental conditions in Bolter-miner workings by installation of air cooling system in PE-3 Entry.

The expenditure incurred on R&D during the year under report is Rs. 5.93 crore as against Rs.4.30. crore incurred in the previous year.

**S&T Activities:**

- Design and Stability of pillars/Arrays of pillar for different Mining methods in coal mine workings (cost of the project is Rs 562.29 lakh).
- Development and field trial of 500 T capacity SAGES – III (Self Advanced Goaf Edge Supports for use with Continuous Miners, Phase –III, cost of the project is Rs 396.69 lakh)
- Establishment of Geo-thermal energy (20kW cap.) power generation Pilot Project at Manuguru area of SCCL command area based on Closed Loop Binary Organic Rankine Cycle Process Technology (cost of the project is Rs.172.28 lakh)
- Scaling up the conversion of CO<sub>2</sub> to Methanol and other value added chemicals with 500kg CO<sub>2</sub>/day capacity. The project was sanctioned under the CIL R&D Board Grant for an amount of Rs.19.9857 crore.

**Status of DST Projects of Ministry of Science & Technology, GoI:**

- Microbial recovery of Biogenic Methane from coal rejects with CO<sub>2</sub> sequestration using novel hybrid geo-photo bio-reaction by reclamation of the site.

**INTERNAL AUDIT:**

The Internal Audit Dept. conducts activities approved by Audit Committee of the Board, which *inter-alia* include;

- Scrutiny of financial transactions under pre-audit and post-audit modes
- Payroll audit including scrutiny of balance leave wages; basic pay fixations and anomalies.
- Surprise checks on attendance of workmen at Mines/depts.
- Physical verification of inventory under perpetual inventory verification system, verification of cash balances at cash offices, canteens, pit stores etc
- Verification of cost records
- Verification of FDRs held by the company
- Comprehensive studies on selected topics to review systems and procedures etc.

During the year under report, the Internal Audit dept., verified 13641 suppliers bills, service bills, etc. valuing Rs.4892.37 Crore under pre-audit and disallowed an amount of Rs.278.37 lakhs. Further, Internal Audit verified 8414 bills valuing Rs.653.03 crore under post-audit and advised for recovery of an amount of Rs.6.60 lakhs.

During wages audit, internal audit disallowed an amount of Rs.162.99 lakhs under pre-audit and Rs.147.22 lakhs under post-audit.

The status of compliance of Internal Audit memos issued against post-audit checks as on 31.3.2023 when compared to the end of previous year (31.03.2022) is as under;

| Period up to | Issued       |                  | Complied     |                  | Pending      |                  | % compliance No. of memos | Recovery percentage |
|--------------|--------------|------------------|--------------|------------------|--------------|------------------|---------------------------|---------------------|
|              | No. of memos | Value (Rs. lakh) | No. of memos | Value (Rs. lakh) | No. of memos | Value (Rs. lakh) |                           |                     |
| 31.3.2023    | 135          | 147.22           | 110          | 98.23            | 25           | 48.99            | 81.48                     | 66.72               |
| 31.3.2022    | 202          | 70.14            | 198          | 65.65            | 4            | 4.49             | 98.02                     | 93.60               |



## VIGILANCE:

During the year under report, while 83 cases were pending at the beginning, 324 cases were received during the year 2022-23. The Vigilance dept. has submitted reports in 128 cases and 279 cases were pending as on 31.3.2023. The Vigilance Dept. has conducted surprise checks and surveillance at CHPs, weigh bridges, check posts, OCPs, mines and certain strategic junction points in and around coal belt areas etc.,

system studies on issuing forest tendering process, guest houses, dependent employment cases etc. The shortcomings observed during vigilance studies were analysed and appropriate recommendations were given to the concerned for rectification action. The Vigilance reports are being reviewed by the Board of Directors.

## WHISTLE BLOWER MECHANISM:

Whistle Blower Mechanism of SCCL is in operation. During the year under report, there were no disclosures received under the mechanism.

## Implementation of Sexual Harassment of Women at Workplace (Prevention, Prohibition & Redressal) Act, 2013.

The Company has established procedures for dealing with the complaints under the above Act. During the year under report the complaints received under the Act are Nil.

## SUBSIDIARY:

SCCL continues to hold Rs.1408.27 lakhs of equity amounting to 81.54% in A.P Heavy Machinery & Engineering Ltd. as on 31<sup>st</sup> March, 2023. During the year 2022-23 the Company has earned a net profit of Rs.353.43 lakh as against Rs.276 lakhs loss in the previous year.

The APHMEL has been in schedule-IX Companies under the A.P. Reorganisation Act, 2014. As approved by the share holders of APHMEL in the extraordinary general meeting held on 1.4.2017 and reconfirmed by the Board in the meeting held on 4.9.2017, MD, APHMEL vide Lr.No.APHMEL/MD/SR/2018 dt.31.1.2018 submitted demerger proposal to the Expert Committee seeking for "apportionment of 0.86% of equity of APHMEL amounting to Rs.14,90,100/- held by erstwhile Govt. of AP between the successor States of AP and Telangana in the ratio of 58.32 : 41.68 as mentioned in the Act i.e., allocation of 86,903 equity shares to the present Govt., of AP and 62,107 equity shares to the Govt. of Telangana being the only issue to be resolved under the AP Reorganisation Act, 2014 with respect to APHMEL." Contrary to the demerger proposal submitted by MD, APHMEL, the Expert Committee vide DO Lr.No.5614/Expert Committee/2014 dt.15.3.2018 of Chairman of the Committee, has given its recommendation to the effect that APHMEL shall pass to the residual state of Andhra Pradesh in its entirety in terms of Section 53(1) of the A.P. Reorganisation Act, 2014 since its all the assets & liabilities are located in that State. The SCCL has furnished its objections to the Expert Committee recommendation on APHMEL vide Lr.No.CRP/CS/437/374 dt.28.3.2018 to the Spl.Chief Secretary, Energy Dept., GoT. Vide DO Lr.No.1583/Budget A 2/2017 dt.21.5.2018, Chief Secretary to the GoT has requested Secretary, Ministry of Home Affairs, GoI to set aside the recommendation of the Expert Committee on APHMEL and issue directions under Section 71(a) of the Act regarding the division of the interests in the shares of the then Andhra Pradesh in APHMEL and protect the interests of Telangana and Central Govt. as the SCCL Company is jointly owned by Govt. of Telangana and Govt. of India in the ratio of 51:49.

Consolidated Financial Statements presented by the Company include the financial information of A.P Heavy Machinery & Engineering Ltd ("APHMEL"), subsidiary company. There has been no material change in the nature of the business of APHMEL. As per the requirement of Section 129(3) of the Companies Act, 2013, a separate statement containing the salient features of the financial statements of the subsidiary in prescribed Form AOC-1 is attached to the financial statements of the Company.





### Related party transactions:

During the year under report, your Company had related party transactions with the APHMEL (Subsidiary) as under.

|                           |                                   |
|---------------------------|-----------------------------------|
| On arms length basis:     | Rs. 31,54,56,602.48               |
| Not on arms length basis: | Rs. 6,01,04,571.03                |
| <b>Total</b>              | <b><u>Rs. 37,55,61,173.51</u></b> |

The particulars of contracts or arrangements with related parties referred to in sub-section (1) of Section 188 are prepared in Form No. AOC-2 pursuant to clause (h) of sub-section (3) of Section 134 of the Act read with Rule 8(2) of the Companies (Accounts) Rules, 2014 and are disclosed in **Annexure-II** to this Report

### New Blocks allotted to SCCL outside GVCF:

- Naini Coal block: Awaiting the permission to start mining in the Forest Land area from Odisha State Govt. All other permissions are obtained.
- New patrapara and Penagadapa block in Telangana are surrendered to MoC.

### Processed OB for civil works / commercial purpose:

3 Proceed OB Plants are in operation in SCCL as alternate of river sand for stowing. Further, it is planned to commence one plant on experimental basis to meet IS:383 slanted to use the processed OB for civil works.

### Explosive Manufacturing:

Two explosive manufacturing plants with capacity of 30,000 TPA and 20,000 TPA are in operation. It is planned to double the capacity of both the plants.

### Consultancy and other job works of other Organisations:

During the year under report worth of Consultancy works received Rs.2.19 crore and consultancy charges received Rs.4.22 crore.

The consultancy services and other job works of other organisations performed mainly are as under:

- ✓ Check survey at Mangampet Barytes mine of M/s. APMDC.
- ✓ Core sample collection by drilling & analysis of samples to prepare Grade of coal report for Tadicherla-I Coal mine of TSGENCO.
- ✓ Pre-level survey & joint measurement with MDO quarterly at Tadicherla-I coal mine of TSGENCO.
- ✓ Annual coal Stock measurement in various mines of M/s. CIL.
- ✓ Quarterly / Pre-Level / Dump survey at Suliyari coal mine of M/s.APMDC.

### JV Company with APMDC:

Pursuant to the directions of erstwhile Govt., of AP Joint Venture Company named as 'APMDC SCCL Suliyari Coal Company Ltd.' was formed on 1.7.2013 along with APMDC for exploration and mining of coal from Suliyari-Belwar coal block in Madhya Pradesh. The equity participation was in the ratio of 51:49 between APMDC and SCCL and the SCCL has invested Rs.9.80 crore which is kept by JV Company in share application money account. Objectives of formation of the JV Company with erstwhile APMDC have become null & void as the allotment of this coal block to the erstwhile APMDC was cancelled by Hon'ble Supreme Court along with other coal blocks. However, in pursuance of the AP Reorganization Act, 2014, the APMDC has been bifurcated into APMDC and TMDC. Later though the coal block is reallocated to the present APMDC under non-host PSU category, the transfer of the rights of the coal block to the JV Company and other conditions of the JV agreement cannot be fulfilled as per the eligibility conditions of MoC



in the Allotment Document. Therefore the Board in 539<sup>th</sup> meeting held on 04.03.2017 approved for voluntary winding-up of the JV Company. The JV Company has been requested to take measures for winding up.

### **STATUTORY AUDITORS:**

For the financial year 2022-23, the Comptroller & Auditor General of India has appointed M/s. M Anandam & Co, Chartered Accountants, Khammam and M/s. Brahmayya & Co., Chartered Accountants, Vijayawada as Joint Statutory Auditors of the Company under Section 139 of the Companies Act, 2013.

### **SECRETARIAL AUDITOR:**

For the financial year 2022-23, the Board of Directors of the Company have appointed Sri K.V. Chalama Reddy, Company Secretary in practice, Hyderabad as Secretarial Auditor of the Company under Section 204 (1) of the Companies Act, 2013.

The Secretarial Audit Report vis-à-vis management replies for the remarks of the Secretarial Auditor is given as **Annexure-III**.

### **COST ACCOUNTING RECORDS:**

As per the Company's (Cost Accounting Records) Rules, 2011 issued by Ministry of Corporate Affairs, your Company has been maintaining cost accounting records.

### **Cost Auditors:**

On the recommendation of 56<sup>th</sup> meeting of Audit Committee, the Board of Directors in the 563<sup>rd</sup> meeting held on 29.07.2022 appointed M/s.PKR & Associates, LLP as Cost Auditors of the Company for the financial year 2022-23.

### **Internal Auditor:**

Sri G.Venkata Ramana, GM(F&A) (Internal Audit) has been appointed as Internal Auditor of the Company w.e.f., 12.01.2022 under Section 138 of The Companies Act, 2013.

### **Chief Financial Officer:**

Sri N.Balram, IRS Director (Finance) has been appointed as Chief Financial Officer of the Company w.e.f., 13.03.2019.

### **AUDIT COMMITTEE:**

Audit committee of the Company consists of all non-executive Directors viz., Sri Sunil Sharma, Special Chief Secretary, Energy Dept., Govt. of Telangana, Sri K.Rama Krishna Rao, Special Chief Secretary, Finance Dept., Govt. of Telangana, Sri Manoj Kumar, C-MD, Western Coalfields Ltd., Sri D.K.Solanki, Deputy Secretary, Ministry of Coal, Govt. of India and Smt. Santosh, Dy.Director General, Ministry of Coal, Govt. of India as Members. The Board has concurred with the recommendations of the Committee given in its five meetings held during the year under report.

### **TRANSFER OF UNPAID DIVIDEND TO IEPF:**

An amount of Rs.15,303/- is lying in the "Unpaid Dividend Account for the Year 2015-16". The amount becomes due for credit to Investor Education and Protection Fund and the same will be remitted to the Fund within the due date as per the provisions of the Companies Act.

### **BOARD / BOARD COMMITTEE MEETINGS:**

The details of Board / Board Committee meetings held during the year and attendance of Directors / Members are as under:

**Board:**

| Meeting No. | Date of Meeting | Total Strength of the Board | No. of Directors Present |
|-------------|-----------------|-----------------------------|--------------------------|
| 561         | 08.04.2022      | 9                           | 9                        |
| 562         | 26.04.2022      | 9                           | 8                        |
| 563         | 29.07.2022      | 9                           | 8                        |
| 564         | 21.09.2022      | 9                           | 8                        |
| 565         | 08.12.2022      | 8                           | 7                        |
| 566         | 31.03.2023      | 10                          | 10                       |

**Audit Committee:**

| Meeting No. | Date of Meeting | Total Strength of the Committee | No. of Directors Present |
|-------------|-----------------|---------------------------------|--------------------------|
| 55          | 08.04.2022      | 5                               | 5                        |
| 56          | 29.07.2022      | 5                               | 3                        |
| 57          | 21.09.2022      | 5                               | 3                        |
| 58          | 08.12.2022      | 4                               | 3                        |
| 59          | 31.03.2023      | 5                               | 5                        |

**Technical Committee:**

| Meeting No. | Date of Meeting | Total Strength of the Committee | No. of Directors Present |
|-------------|-----------------|---------------------------------|--------------------------|
| 1/2022      | 08.04.2022      | 4                               | 4                        |
| 2/2022      | 21.09.2022      | 4                               | 3                        |
| 3/2022      | 08.12.2022      | 4                               | 4                        |
| 1/2023      | 31.03.2023      | 4                               | 4                        |

**Committee of Directors (Appellate Authority under CD&A Rules)**

| Meeting No. | Date of Meeting | Total Strength of the Committee | No. of Directors Present |
|-------------|-----------------|---------------------------------|--------------------------|
| 14          | 04.06.2022      | 3                               | 3                        |

**Corporate Social Responsibility (CSR) Committee:**

| Meeting No. | Date of Meeting | Total Strength of the Committee | No. of Directors Present |
|-------------|-----------------|---------------------------------|--------------------------|
| 21          | 06.04.2022      | 3                               | 3                        |
| 22          | 28.07.2022      | 3                               | 3                        |
| 23          | 20.09.2022      | 3                               | 3                        |
| 24          | 07.12.2022      | 3                               | 3                        |
| 25          | 28.03.2023      | 3                               | 3                        |

**DIRECTORS:**

Sri N. Sridhar, IAS is continuing as C&MD of the Company from 01.01.2015 as appointed by the Govt., of Telangana vide GO Rt. No.53 dt.31.12.2014 of Energy (HR.A1) Dept.

Sri N.Balram, IRS is continuing as Director (Finance) from 05.12.2018 and as CFO of the Company from 13.03.2019. He has held full additional charge of the post of Director (P,A&W) from 01.05.2021 to 19.08.2022 and he has also held



full additional charge of the post of Director (P&P) from 01.08.2020 to 31.01.2023. He is holding full additional charge of the post of Director (PA&W) from 01.02.2023.

Sri D. Satyanarayana Rao is continuing as Director (Electrical & Mechanical) from 25.09.2020 AN.

Sri S. Chandrasekhar has been Director (Operations) of the Company from 02.05.2017 to 31.01.2023. He has held full additional charge of the post of Director (PA&W) from 20.08.2022 to 31.01.2023. Later Sri NVK Srinivas has been appointed as Director (Operations) of the Company w.e.f. 01.02.2023.

Sri G. Venkateswara Reddy has been appointed as Director (Planning & Projects) of the Company w.e.f. 01.02.2023

Sri K. Rama Krishna Rao, IAS, Special Chief Secretary, Finance dept., Govt. of Telangana is continuing as Director on the Board of the Company from 28.06.2014 afternoon.

Sri Sunil Sharma, Spl. Chief Secretary to Govt., Energy department, Govt. of Telangana is continuing as Director on the Board of the Company from 22.10.2021.

Sri Manoj Kumar, C-MD, Western Coalfields Ltd. is continuing as Director of the Company from 08.02.2021.

Sri PSL Swami, Director, Ministry of Coal, Govt. of India has been Director of the Company from 26.06.2019 to 25.10.2022. Later Smt. Santosh Dy. Director General, Ministry of Coal, Govt. of India has been appointed as Director on the Board of the Company from 22.02.2023.

Sri D.K.Solanki, Dy.Secretary, Ministry of Coal, Govt. of India is continuing as Director on the Board of the Company from 03.01.2022.

Your Directors wish to place on record their appreciation of the valuable services rendered by Sri S. Chandrasekhar as Director on the Board of the Company.

During the year under report 6 Board meetings were held.

### **DIRECTORS' RESPONSIBILITY STATEMENT:**

Pursuant to the requirement under Section 134 of the Companies Act, 2013, with respect to Directors' responsibility statement, your Board of Directors hereby confirm that-

- i. in the preparation of the annual accounts, the applicable accounting standards have been followed and there are no material departures;
- ii. they have selected such accounting policies and applied them consistently and made judgments and estimates that are reasonable and prudent so as to give a true and fair view of the state of affairs of the Company at the end of the financial year and of the profit of the Company for that period;
- iii. they have taken proper and sufficient care for the maintenance of adequate accounting records in accordance with the provisions of the Act for safeguarding the assets of the Company and for preventing and detecting fraud and other irregularities;
- iv. they have prepared the accounts of the Company on a going concern basis;
- v. a consultancy contract has been awarded on M/S. Anekshan Consulting pvt. Ltd., Pune for Design, testing, Implementation and Documentation of Internal Controls over Financial Reporting (ICFR).
- vi. they have devised proper systems to ensure compliance with the provisions of all applicable laws and that such systems were adequate and operating effectively.



## **DEPOSITS:**

The Company has not invited/accepted any deposits from the public in terms of Section 73 of the Companies Act, 2013 during the Financial Year ended 31st March 2023.

## **SECRETARIAL STANDARDS:**

The Company is in due compliance with the Secretarial Standards as issued by the Institute of Company Secretaries of India.

## **Annual Return:**

The Extract of Annual Return in Form MGT-9 is given as Annexure-IV. In terms of the provisions of Section 92 and Section 134 of the Act read with Rule 12 of the Companies (Management and Administration) Rules, 2014.

The Annual Return in Form MGT-7 for the year 2022-23. In terms of the provisions of Section 92(3) the Act is available on website of the Company.

## **REVISION IN FINANCIAL STATEMENTS:**

There has been no revision in the financial statements.

## **ACKNOWLEDGEMENTS:**

Your Directors placed on record their appreciation for the guidance, support and co-operation received from the Govt. of Telangana, particularly Energy & Finance Departments and the Govt. of India particularly the Ministries of Coal, Finance and Environment, Forests & Climate Change.

Your Directors express their thankfulness for the confidence and support received from the valued customers, bankers & financial institutions and all stake holders of the Company. Your Directors gratefully acknowledge the valuable guidance extended by the Statutory Auditors, Cost Auditors, Secretarial Auditor, the Comptroller & Auditor General of India, Ministry of Corporate Affairs and the Director General of Mines Safety.

Your Directors place on record their deep sense of gratitude and appreciation for the relentless efforts of employees but for which the performance achieved by the Company would have never been possible.

For and on behalf of the Board of Directors

Sd/-

**(N. Sridhar)**

Chairman & Managing Director

DIN: 02510496

Date : 30.08.2023

Place : Hyderabad



**Sri N. Sridhar IAS, C&MD Chaired 567<sup>th</sup> Board of Directors Meeting of The Singareni Collieries Company Limited held at Singareni Bhavan, Hyderabad**



**Dust suppression activity with water Sprinkler on Haul roads of OC mines**



## REPORT ON CSR ACTIVITIES FOR THE YEAR 2022-23

### 1. Brief outline on CSR Policy of the Company:

The CSR policy has been approved by the Board of Directors on 31.1.2015.

The Board in the 561<sup>st</sup> meeting held on 08-04-2022 has accorded approval for earmarking CSR Budget for an amount of Rs.70 crore for the financial year 2022-23 as recommended by CSR Committee and approved policy of Company.

### SALIENT FEATURES OF CSR POLICY

#### Objective:

The main objective of this Policy is to integrate CSR and Sustainability as a key business process for achieving triple-bottom line impact as mentioned below;

SCCL recognizes that pursuit of sustainable development is an integral part of growing its business, creating value for its stakeholders and in building a responsible future through ethical business practices and governance.

SCCL supports practical measures and policies that will help to protect and improve the environment.

SCCL adopts a responsible approach towards communities and aim for sustainable development without creating dependency.

#### Major Thrust Areas:

Major thrust areas are identified to have long term benefits to the society at large which are as under:

1. Basic Services (Drinking Water supply, Sanitation etc.)
2. Health
3. Education
4. Livelihood and Local Economic Development
5. Interventions for marginalized communities such as SCs and STs
6. Other related activities.

#### Geographical area to be covered:

A substantial portion of CSR Budget i.e., to the extent of 80% shall be spent on CSR activities in the districts of Telangana, Odisha and other States where the SCCL is having/may have coal mining/power and other business projects, 20% may be spent outside the aforesaid Areas.

However, contribution to State/National level funds like State Disaster Management Authority Fund, PMRF and PM CARES Fund will not come in the purview of above geographical restriction.

#### Implementation:

A major portion of the CSR activities should be undertaken in project mode. Every project shall be time framed.

Identified CSR activities are to be implemented / carried out by the Company itself or by other agencies as prescribed in the provisions of the Companies Act, 2013 and the Rules made there under.



## 2. Composition of CSR Committee:

| Sl. No | Name of Director    | Designation / Nature of Directorship  | Number of meetings of CSR Committee held during the year | Number of meetings of CSR Committee attended during the year |
|--------|---------------------|---|--|--|
| 1      | Sri N.Sridhar       | C & M.D   | 5  | 5  |
| 2      | Sri S.Chandrasekhar | Director (Operations) from 02.05.2017 to 31.01.2023 & Director (PA&W) (FAC) from 20.08.2022 to 31.01.2023 | 4  | 4  |
| 3      | Sri N.Balram        | Director (Finance) & Director (PA&W) (FAC) from 01.02.2023  | 5  | 5  |
| 4      | Sri N.V.K Srinivas  | Director (Operations) from 01.02.2023   | 1  | 1  |

- The Composition of CSR Committee, CSR Policy and CSR projects approved by the board is placed in Company's website and its Web link is – <https://scclmines.com/scclnew/csr>.
- Impact assessment of CSR projects carried out in pursuance of the Companies (Corporate Social Responsibility Policy) Rules, 2014, if applicable: Not Applicable (because of ongoing projects)
- Details of the amount available for set off in pursuance of sub-rule(3) of rule 7 of the Companies (Corporate Social Responsibility Policy) Rules, 2014 and amount required for set off for the financial year, if any

| S. No | Financial Year | Amount available for set-off from preceding financial years (in Rs) | Amount required to be set-off for the financial year, if any (in Rs) |
|-------|----------------|---|--|
| 1     | 2022-23        | Not applicable  | Not applicable   |

- Average Net profit of the company as per section 135(5)

| Year               | Net profit calculated in accordance with provisions of Section 198 of the Companies Act, 2013 (Rs. in crore) |
|--------------------|--|
| 2019-20 (Restated) | 2862.46  |
| 2020-21 (Restated) | 778.93   |
| 2021-22 (Restated) | 1731.15  |
| <b>Total</b>       | <b>5372.54</b>   |
| Average Net Profit | 1790.85  |

- Two percent of average net profit of the company as per section 135(5): Rs 35.82 crore
  - Surplus arising out of the CSR projects or programmes or activities of the previous financial years: Not Applicable
  - Amount required to be set off for the financial year, if any: 0
  - Total CSR obligation for the financial year (7a+7b-7c): Rs.35.82 Crores
- (a) CSR amount spent or unspent for the financial year:

| Total Amount Spent for the Financial Year (in Rs.) | Amount Unspent (in Rs.)  |                   |   |                |                   |
|--|--|-------------------|---|----------------|-------------------|
|  | Total Amount transferred to Unspent CSR Account as per section 135(6). |                   | Amount transferred to any fund specified under Schedule VII as per second proviso to section 135(5) |                |                   |
|  | Amount.  | Date of transfer. | Name of the Fund  | Amount.        | Date of transfer. |
| FY 2022-23<br>(Rs 10,44,31,518 /-)                 | 32,60,59,074/-   | 29.04.2023        | Not applicable  | Not applicable | Not applicable    |





**(b) Details of CSR amount spent against ongoing projects for the financial year: Annexure-A**

| 1      | 2                    | 3  | 4                   | 5                        |           | 6                  | 7   | 8   | 9   | 10   | 11   |                          |
|--------|----------------------|--|---------------------|--------------------------|-----------|--------------------|---|---|---|--|--|--------------------------|
|        |                      |  |                     | State                    | Dis-trict |                    |   |   |   |  | Name   | CSR Reg-istration number |
| Sl. No | Name of the project. | Item from the list of activities in Schedule VII to the Act. | Local area (Yes/No) | Location of the project. |           | Pro-ject duration. | Amount allocated for the project (in Rs.) | Amount spent in the current financial year (in Rs.) | Amount trans-ferred to Unspent CSR Account for the project as per Section 135(6) (in Rs.) | Mode of Imple-mentation - Direct (Yes/No). | Mode of Implemen-tation Through Im-plementing Agency |                          |
| 1      |                      |  |                     |                          |           |                    |   |   |   |  |  |                          |
| 2      |                      |  |                     |                          |           |                    |   |   |   |  |  |                          |
|        | <b>TOTAL</b>         |  |                     |                          |           |                    |   |   |   |  |  |                          |

**(c) Details of CSR amount spent against other than ongoing projects for the financial year: Annexure-B**

| 1      | 2                   | 3  | 4                   | 5                       |          | 6                                     | 7   | 8  |                          |
|--------|---------------------|--|---------------------|-------------------------|----------|---------------------------------------|---|--|--------------------------|
|        |                     |  |                     | State                   | District |                                       |   | Name   | CSR Registra-tion number |
| Sl. No | Name of the project | Item from the list of activities in Schedule VII to the Act. | Local area (Yes/No) | Location of the project |          | Amount spent for the project (in Rs.) | Mode of Imple-mentation – Direct (Yes/No) | Mode of Implementation Through Implementing Agency |                          |
| 1      |                     |  |                     |                         |          |                                       |   |  |                          |
| 2      |                     |  |                     |                         |          |                                       |   |  |                          |
|        | <b>TOTAL</b>        |  |                     |                         |          |                                       |   |  |                          |

(d) Amount spent in Administrative Overheads: Nil

(e) Amount spent on Impact Assessment, if Applicable: Nil

(f) Total amount spent for the Financial Year: Rs. 10,44,31,518 /-  
(8b+8c+8d+8e)

(g) Excess amount for set off, if any:

| Sl.No | Particular  | Amount (in Rs.) |
|-------|---|-----------------|
| (i)   | Two percent of average net profit of the company as per section 135 (5)                                     | 35.82 crore     |
| (ii)  | Total amount spent for the Financial Year (including provision made and deposited in CSR Bank Account)      | 43,04,90,592    |
| (iii) | Excess amount spent for the financial year[(ii)-(i)]  | -               |
| (iv)  | Surplus arising out of the CSR projects or programmes or activities of the previous financial years, if any | Not applicable  |
| (v)   | Amount available for set off in succeeding financial years [(iii)-(iv)]                                     | Not applicable  |

**9. (a) Details of Unspent CSR amount for the preceding three financial years:**

| Sl. No | Preceding Financial Year | Amount transferred to Unspent CSR Account under section 135(6) (in Rs.) | Amount spent in the report-ing Financial Year (in Rs.) | Amount transferred to any fund specified under schedule VII as per section 135(6), if any |                 |                  | Amount remaining to be spent in suc-ceeding financial years.(in Rs.) |
|--------|--------------------------|---|--|---|-----------------|------------------|--|
|        |                          |   |  | Name of the fund  | Amount (in Rs.) | Date of transfer |  |
| 1      | 2021-22                  | 34,71,45,282/-  | 11,20,95,929/-   |   |                 |                  | 23,50,49,353/-   |
| 2      | 2020-21                  | 10,92,47,481/-  | 3,92,28,696/-  |   |                 |                  | 3,17,96,690/-  |
| 3      | 2019-20                  | 22,96,95,051/-  | 7,37,27,434/-  |   |                 |                  | 10,61,95,142/-   |
|        | <b>TOTAL</b>             | <b>68,60,87,814/-</b>   | <b>22,50,52,059/-</b>                                  |   |                 |                  | <b>37,30,41,185/-</b>  |



**(b) Details of CSR amount spent in the financial year for ongoing projects of the preceding financial year(s):  
Annexure-C**

| 1      | 2          | 3                   | 4   | 5                | 6   | 7  | 8   | 9  |
|--------|------------|---------------------|---|------------------|---|--|---|--|
| Sl. No | Project ID | Name of the Project | Financial Year in which the project was commenced | Project duration | Total amount allocated for the project (in Rs.) | Amount spent on the project in the reporting Financial Year (in Rs.) | Cumulative amount spent at the end of reporting Financial Year (in Rs.) | Status of the project - Completed/ Ongoing |
|        |            |                     |   |                  |   |  |   |  |

**(c) Details of CSR amount spent in the financial year for projects of the preceding financial year for which provision is made: Annexure-D, E & F**

| 1      | 2          | 3                   | 4   | 5                | 6   | 7  | 8   | 9  |
|--------|------------|---------------------|---|------------------|---|--|---|--|
| Sl. No | Project ID | Name of the Project | Financial Year in which the project was commenced | Project duration | Total amount allocated for the project (in Rs.) | Amount spent on the project in the reporting Financial Year (in Rs.) | Cumulative amount spent at the end of reporting Financial Year (in Rs.) | Status of the project - Completed/ Ongoing |
|        |            |                     |   |                  |   |  |   |  |

**10.** In case of creation or acquisition of capital asset, furnish the details relating to the asset so created or acquired through CSR spent in the financial year (**asset-wise details**).

- Date of creation or acquisition of the capital asset(s): Nil
- Amount of CSR spent for creation or acquisition of capital asset: Nil
- Details of the entity or, public authority or beneficiary under whose name such capital asset is registered, their address etc.: Not applicable
- Provide details of the capital asset(s) created or acquired (including complete address and location of the capital asset): Not applicable

**11. Specify the reason(s), if the company has failed to spend two percent of the average net profit as per section 135(5):**

The Board has accorded approval for earmarking Rs.43,04,90,592/- as against the earlier sanctioned budget of Rs 70 crores towards CSR budget for 2022-23 which is equivalent of 2.40% of average profits of the preceding 3 years. During the FY 2022-23, 75 No. of CSR proposals were sanctioned for an amount of Rs.43,04,90,592/-, the actual amount spent during FY 2022-23 was Rs.10.44 crore. The prescribed amount of CSR expenditure i.e., 2% average net profits of preceding 3 years amounts to Rs.35.82 crore. The CSR activities / programmes sanctioned are at various stages of implementation. The amount spent during FY 2022-23 is less than the prescribed amount. However, the amount sanctioned for various proposals during FY 2022-23 is more than the prescribed amount.

Sd/-  
Director  
(Operations)

Sd/-  
Director (Finance) & (PA&W) FAC /  
Chief Financial Officer  
[Person specified under clause (d) of sub-section (1)  
of section 380 of the Act]

Sd/-  
(Chairman CSR Committee)  
&  
Chairman and Managing Director,  
SCCL.

Date : 14.07.2023

Place : Hyderabad

**CSR projects sanctioned during the FY 2022-23**

| S. No. | Request by/ Authority   | Executing SCCL Area/ Authority | Approved Note No & Date                      | Sanction letter No & Date           | Project ID / SIO | CSR Activity  |
|--------|---|--------------------------------|--|-------------------------------------|------------------|---|
| 1      | General Manager Civil, SCCL   | Corporate                      | CRP/CVL/OFFICE/2022/226, 18-08-2022          | CRP/PER/C/CSR/2631, 03-09-2022      | C22011000089     | Procurement and supply of Bleaching powder to sanitize the flood affected areas in and around Bhadrachalam town         |
| 2      | Sri S Venkata Veeraiah, Hon'ble MLA Sathupalli                                      | Kothagudem                     | KGM/JVR/AGT/2021/368/1150/65, 16-06-2022     | CRP/PER/C/CSR/1847, 22-06-2022      | C22011100061     | Refilling of oxygen cylinders by SCCL to use at Community Health Centres of Sathupalli and Penuballi                    |
| 3      | 10th ward Counselor Sarpanch Sathupalli Municipality                                | Kothagudem                     | KGM/JVR/WO/5733/64, 09-12-2022               | CRP/PER/C/CSR/3798, 28-12-2022      | C22011100070     | Providing 7.5 HP motor to Borehole at 10th ward in Sathupalli Municipality.   |
| 4      | Sri D Sridhar Babu, Hon'ble MLA Manthani  | Ramagundam -3                  | RG3/CVL/CSR/22-23/2574, 06-03-2023           | CRP/PER/C/CSR/734, 28-03-2023       | C22012300118     | Deployment of 200HP truck mounted 1 cu.m hydraulic excavator for desilting of L6 canal from Rajapur village to Manthani |
| 5      | District Collector Jayashankar Bhupalpalli  | Bhopala Paly                   | BHP/CVL/A-1/637, 18-04-2022                  | CRP/PER/EE/CSR/1311, 04-05-2022     | C22012400032     | Providing drinking water to the people at Kaleswaram  |
| 6      | General Manager Bhupalpalli, SCCL   | Bhopala Paly                   | BHP/PO/KTKOC-2 PROJECT/49/2023/5, 15-02-2023 | CRP/PER/C/CSR/616, 16-03-2023       | C22012400124     | Organizing medical camp to the villagers of Gaddiganipalli and other near surrounding villages in Bhupalpalli           |
| 7      | Sarpanches of Goleti, Pulikuta, Narsapur and Indiranagar villages of Rebbana Mandal | Bellampally                    | BPA/CVL/CSR/441/66, 06-06-2022               | CRP/PER/C/CSR/2022/1956, 02-07-2022 | C22013100063     | Drilling of 15 Nos hand bore wells in the surrounding villages of Rebbana Mandal  |
| 8      | Sri Balka Suman, Hon'ble MLA Chennur  | STPP                           | CRP/PER/C/CSR/187, 27-03-2023                | CRP/PER/C/CSR/728, 28-03-2023       | C22019100126     | Construction of drains and other civil works in Chennur Municipality  |
| 9      | Principal, Govt Junior College Chunchupalli, Kothagudem                             | Corporate                      | CRP/PER/EE/CSR/231, 02-05-2022               | CRP/PER/EE/CSR/1314, 04-05-2022     | C22021000041     | Providing fans,tube lights and chairs to Govt Junior college in Kothagudem  |



|  | Item from the list of activities in Schedule VII to the Act. | Amount sanctioned in Rupees | Spent in Rupees | Unspent amount/ Provision made in Rupees | Local Area or other | State     | District                | Status of the project - completed (or) ongoing |
|--|--|-----------------------------|-----------------|--|---------------------|-----------|-------------------------|--|
|  | i  | 17,70,000                   | 17,70,000       | -  | Local Area          | Telangana | Bhadradi Kothagudem     | Completed                                      |
|  | i  | 6,25,000                    | 6,25,000        | -  | Local Area          | Telangana | Khammam                 | Completed                                      |
|  | i  | 1,21,450                    | 74,958          | 46,492                                   | Local Area          | Telangana | Khammam                 | Ongoing  |
|  | i  | 11,25,000                   | -               | 11,25,000                                | Local Area          | Telangana | Peddapalli              | Ongoing  |
|  | i  | 2,40,000                    | -               | 2,40,000                                 | Local Area          | Telangana | Jayashankar Bhupalpalli | Ongoing  |
|  | i  | 3,00,000                    | 2,90,000        | 10,000                                   | Local Area          | Telangana | Jayashankar Bhupalpalli | Ongoing  |
|  | i  | 14,43,000                   | -               | 14,43,000                                | Local Area          | Telangana | Komarambheem Asifabad   | Ongoing  |
|  | i  | 1,50,00,000                 | -               | 1,50,00,000                              | Local Area          | Telangana | Mancherial              | Ongoing  |
|  | ii   | 1,54,000                    | 1,54,000        | -  | Local Area          | Telangana | Bhadradi Kothagudem     | Completed                                      |



| S. No. | Request by/ Authority  | Executing SCCL Area/ Authority | Approved Note No & Date            | Sanction letter No & Date           | Project ID / SIO | CSR Activity   |
|--------|--|--------------------------------|------------------------------------|-------------------------------------|------------------|--|
| 10     | Govt of India and GM(Per) Welfare, SCCL  | Corporate                      | CRP/PER/C/CSR/423, 28-07-2022      | CRP/PER/C/CSR/2344, 30-07-2022      | C22021000083     | Har Ghar Tiranga campaign - Purchase and distribution of National flags to the people in SCCL operational districts under CSR                      |
| 11     | District Collector Bhadradi Kothagudem   | Corporate                      | CRP/PER/EE/CSR/555, 13-10-2022     | CRP/PER/C/CSR/3041, 22-10-2022      | C22021000095     | Construction of community hall for Disabled persons welfare in Kothagudem Mandal   |
| 12     | Sri S Venkata Veeraiah, Hon'ble MLA Sathupalli   | Kothagudem                     | KGM/JVR/WO/5018/653, 04-11-2022    | CRP/PER/C/CSR/3243, 22-11-2022      | C22021100080     | Renovation of Govt Primary School at Vengala Rao Nagar in Sathupalli   |
| 13     | Sarpanch of Rejarla Gram panchayat   | Kothagudem                     | KGM/JVR/WO/5310/71, 24-11-2022     | CRP/PER/C/CSR/3659, 16-12-2022      | C22021100101     | Renovation of Govt. School at SC Colony, Rejerla Grama Panchayat, Sathupalli   |
| 14     | Principal, Govt Junior College Gundala   | Yellandu                       | CRP/PER/EE/CSR/166, 04-04-2022     | CRP/PER/EE/CSR/1383, 12-05-2022     | C22021200043     | Promoting education by providing facilities in Govt Junior college, Gundala  |
| 15     | District Educational Officer Kothagudem District   | Yellandu                       | YLD/PER/61/2022/77, 17-12-2022     | CRP/PER/C/CSR/8, 03-01-2023         | C22021200111     | Financial assistance for District Level Science fair in S.C.High School Yellandu   |
| 16     | The Principal, Government Degree College, Manuguru                                       | Manuguru                       | CRP/PER/EE/CSR/301, 06-06-2022     | CRP/PER/C/CSR/2022/1955, 02-07-2022 | C22021300062     | Providing furniture to Govt Degree college in Manuguru   |
| 17     | Sri Rega Kantha Rao, Hon'ble MLA Pinapaka  | Manuguru                       | MNG/CVL/A-1/3658/336, 28-01-2023   | CRP/PER/C/CSR/292, 07-02-2023       | C22021300106     | Repair works to Z.P.High School and Govt Junior and Degree college in Manuguru   |
| 18     | GM CDN, SCCL   | Hyderabad                      | CRP/PER/C/CSR/2022/201, 20-04-2022 | CRP/PER/EE/CSR/1435, 18-05-2022     | C22022000033     | Skill development training for the unemployed youth  |
| 19     | Dy Commissioner of Police, Central Zone, Hyderabad City                                  | Hyderabad                      | CRP/PER/C/CSR/686, 28-12-2022      | CRP/PER/C/CSR/33, 06-01-2023        | C22022000112     | Financial support for Pre-Recruitment Police Training Programme for unemployed youth in Central Zone, Hyderabad                                    |
| 20     | Principal, University College of Engineering (Autonomous), Osmania University, Hyderabad | Hyderabad                      | CRP/PER/C/CSR/172, 21-03-2023      | CRP/PER/C/CSR/682, 23-03-2023       | C22022000114     | Construction of Class Rooms and Seminar Hall Cum Auditorium and Other Infrastructural Works at Dept Of ECE, UCE(A), Osmania University, Hyderabad. |



|  | Item from the list of activities in Schedule VII to the Act. | Amount sanctioned in Rupees | Spent in Rupees | Unspent amount/ Provision made in Rupees | Local Area or other | State     | District                   | Status of the project - completed (or) ongoing |
|--|--|-----------------------------|-----------------|--|---------------------|-----------|----------------------------|--|
|  | ii   | 14,93,363                   | 14,93,363       | -  | Local Area          | Telangana | SCCL operational districts | Completed                                      |
|  | ii   | 10,00,000                   | -               | 10,00,000                                | Local Area          | Telangana | Bhadradri Kothagudem       | Ongoing  |
|  | ii   | 8,23,000                    | -               | 8,23,000                                 | Local Area          | Telangana | Khammam                    | Ongoing  |
|  | ii   | 2,90,000                    | -               | 2,90,000                                 | Local Area          | Telangana | Khammam                    | Ongoing  |
|  | ii   | 10,00,000                   | 4,68,932        | 5,31,068                                 | Local Area          | Telangana | Bhadradri Kothagudem       | Ongoing  |
|  | ii   | 54,110                      | 54,110          | -  | Local Area          | Telangana | Bhadradri Kothagudem       | Completed                                      |
|  | ii   | 5,00,000                    | -               | 5,00,000                                 | Local Area          | Telangana | Bhadradri Kothagudem       | Ongoing  |
|  | ii   | 52,57,000                   | -               | 52,57,000                                | Local Area          | Telangana | Bhadradri Kothagudem       | Ongoing  |
|  | ii   | 1,00,00,000                 | 20,27,132       | 79,72,868                                | Local Area          | Telangana | SCCL operational districts | Ongoing  |
|  | ii   | 10,00,000                   | 10,00,000       | -  | Other Area          | Telangana | Hyderabad                  | Completed                                      |
|  | ii   | 1,48,00,000                 | 74,00,000       | 74,00,000                                | Other Area          | Telangana | Hyderabad                  | Ongoing  |



| S. No. | Request by/ Authority  | Executing SCCL Area/ Authority | Approved Note No & Date             | Sanction letter No & Date       | Project ID / SIO | CSR Activity   |
|--------|--|--------------------------------|-------------------------------------|---------------------------------|------------------|--|
| 21     | Sri D Krishna Kumar, Founder Manochaitanya Institution, Godavarikhani            | Ramagundam -1                  | CRP/PER/EE/CSR/2022/530, 18-05-2022 | CRP/PER/EE/CSR/1609, 01-06-2022 | C22022100051     | Financial aid and purchase of Vocational Training machinery for Manochaitanya Institution established for differently abled children at Godavarikhani                    |
| 22     | Commissioner of Police, Ramagundam   | Ramagundam -1                  | RG.I/CVL/29/331, 27-06-2022         | CRP/PER/C/CSR/2150, 15-07-2022  | C22022100074     | Construction of play ground near Commissioner of Police Office in Ramagundam.  |
| 23     | Sub-Divisional Police Officer, Kothagudem  | Corporate                      | KGM/CVLC/2022/133, 04-04-2022       | CRP/PER/EE/CSR/1223, 28-04-2022 | C22031000031     | Providing public grievance hall near I-Town Police Station, Kothagudem   |
| 24     | District Collector Bhadradi Kothagudem   | Corporate                      | CRP/PER/C/CSR/526, 22-09-2022       | CRP/PER/C/CSR/2808, 27-09-2022  | C22031000066     | Installation of CCTV cameras for surveillance in Educational Institutions in Bhadradi Kothagudem District for safety and security of working and girl students           |
| 25     | Superintendent of Police, Bhadradi Kothagudem                                    | Corporate                      | KGM/CVLC/2022/251, 27-06-2022       | CRP/PER/C/CSR/2148, 15-07-2022  | C22031000072     | Providing repairs to public grievance hall at Ganeshpuram in Kothagudem  |
| 26     | 10th Ward Counsellor, Sathupally Municipality and Rejerla Village People         | Kothagudem                     | KGM/JVR/WO/4728/608, 30-09-2022     | CRP/PER/C/CSR/3042, 22-10-2022  | C22031100096     | Installation of CC cameras for surveillance in Vengalrao nagar, Jalagam Nagar and Rejerla villages of Sathupalli constituency for safety and security of the wome/public |
| 27     | Inspector of Police Yellandu Town  | Yellandu                       | YLD/IT/331/841/211, 10-11-2022      | CRP/PER/C/CSR/3660, 16-12-2022  | C22031200102     | Installation of CCTV cameras for surveillance in Yellandu town for women/public safety and security  |
| 28     | Sri Mallepalli Laxmaiah, Chairperson of Centre for Dalit Studies Society(an NGO) | Hyderabad                      | CRP/PER/C/CSR/450, 12-08-2022       | CRP/PER/C/CSR/2553, 25-08-2022  | C22032000087     | Centre for Dalit studies – Impact of the SCCL on the lives of Dalits and Marginal sections – A case study of coal mines in Telangana State                               |



|  | Item from the list of activities in Schedule VII to the Act. | Amount sanctioned in Rupees | Spent in Rupees | Unspent amount/ Provision made in Rupees | Local Area or other | State     | District                   | Status of the project - completed (or) ongoing |
|--|--|-----------------------------|-----------------|--|---------------------|-----------|----------------------------|--|
|  | ii   | 15,00,000                   | 15,00,000       | -  | Local Area          | Telangana | Peddapalli                 | Completed                                      |
|  | ii   | 10,00,000                   | 10,00,000       | -  | Local Area          | Telangana | Peddapalli                 | Completed                                      |
|  | iii  | 17,91,000                   | 11,53,133       | 6,37,867                                 | Local Area          | Telangana | Bhadradri Kothagudem       | Ongoing  |
|  | iii  | 9,55,400                    | 9,55,400        | -  | Local Area          | Telangana | Bhadradri Kothagudem       | Completed                                      |
|  | iii  | 15,30,000                   | -               | 15,30,000                                | Local Area          | Telangana | Bhadradri Kothagudem       | Ongoing  |
|  | iii  | 6,00,000                    | -               | 6,00,000                                 | Local Area          | Telangana | Khammam                    | Ongoing  |
|  | iii  | 10,00,000                   | 10,00,000       | -  | Local Area          | Telangana | Bhadradri Kothagudem       | Completed                                      |
|  | iii  | 25,00,000                   | 12,00,000       | 13,00,000                                | Local Area          | Telangana | SCCL operational districts | Ongoing  |





| S. No. | Request by/ Authority  | Executing SCCL Area/ Authority | Approved Note No & Date              | Sanction letter No & Date       | Project ID / SIO | CSR Activity  |
|--------|--|--------------------------------|--------------------------------------|---------------------------------|------------------|---|
| 29     | Dy. Commissioner of Police (Admn), Ramagundam, HAC, Peddapalli District  | Ramagundam -1                  | RG.I/PER/101/659, 10-08-2022         | CRP/PER/C/CSR/2552, 25-08-2022  | C22032100086     | Installation of CCTV cameras for surveillance in Godavarikhani-I town Area for safety and security of the women/ public                               |
| 30     | CI of Manthani   | Ramagundam -3                  | RG3/PER/CSR/91/12, 20-02-2023        | CRP/PER/C/CSR/614, 16-03-2023   | C22032300110     | Installation of CCTV cameras for surveillance in Manthani town and Ramagiri Mandal for safety and security of women/people                            |
| 31     | Addl.DCP (Admn), Ramagundam, I/c DCP Mancheri Zone                       | Mandamarri                     | MMR/GMO/G/006/2022/983/5, 09-12-2022 | CRP/PER/C/CSR/3658, 16-12-2022  | C22033200069     | Installation of CCTV cameras for surveillance in Mandamarri Area for safety and security of women/ public and girl child                              |
| 32     | Asst. Commissioner of Police, I/c Mancheri                               | Srirampur                      | CRP/PER/C/CSR/2022/246, 11-05-2022   | CRP/PER/EE/CSR/1516, 27-05-2022 | C22033400044     | Installation of CCTV cameras for surveillance in Srirampur, Naspur and Mancheri for safety and security of the women/ public.                         |
| 33     | Secretary, Annapurna Gosamrakshana Samithi, Palwancha                    | Corporate                      | CRP/PER/C/CSR/612, 14-11-2022        | CRP/PER/C/CSR/152, 25-01-2023   | C22041000122     | Animal welfare - procurement of grass / fodder for survival of animals in Kothagudem  |
| 34     | Sri Kartik Sapre, Chief Executive of Narmada Samagra organization        | Hyderabad                      | CRP/PER/C/CSR/25, 12-01-2023         | CRP/PER/C/CSR/681, 22-03-2023   | C22042000125     | Financial support for Narmada Samagra Organization towards conservation of River Narmada and Health of the river catchment areas in Nation's interest |
| 35     | District Collector Jayashankar Bhupalpalli                               | Bhopala Paly                   | BHP/FTY/A/2022/157, 16-07-2022       | CRP/PER/C/CSR/2356, 30-07-2022  | C22042400085     | Procurement of plants material for raising multi layer green belt Avenue Plantation from Bhupalpally to Mahadevpur Road under CSR                     |
| 36     | Sri Mallepalli Laxmaiah, Special Officer, Buddhavanam, Govt of Telangana | Corporate                      | CRP/PER/EE/CSR/239, 03-05-2022       | CRP/PER/EE/CSR/1382, 12-05-2022 | C22051000042     | Development of historical Buddhist site at Karukonda in Bhadradi Kothagudem District  |



|  | Item from the list of activities in Schedule VII to the Act. | Amount sanctioned in Rupees | Spent in Rupees | Unspent amount/ Provision made in Rupees | Local Area or other | State          | District                   | Status of the project - completed (or) ongoing |
|--|--|-----------------------------|-----------------|--|---------------------|----------------|----------------------------|--|
|  | iii  | 10,00,000                   | 10,00,000       | -  | Local Area          | Telangana      | Peddapalli                 | Completed                                      |
|  | iii  | 15,00,000                   | -               | 15,00,000                                | Local Area          | Telangana      | Peddapalli                 | Ongoing  |
|  | iii  | 10,00,000                   | 3,00,000        | 7,00,000                                 | Local Area          | Telangana      | Mancherial                 | Ongoing  |
|  | iii  | 10,36,934                   | 10,36,934       | -  | Local Area          | Telangana      | Mancherial                 | Completed                                      |
|  | iv   | 3,50,000                    | 3,50,000        | -  | Local Area          | Telangana      | Bhadradi Kothagudem        | Completed                                      |
|  | iv   | 25,00,000                   | 25,00,000       | -  | Other Area          | Madhya Pradesh | District in Madhya Pradesh | Completed                                      |
|  | iv   | 1,00,00,000                 | 1,00,00,000     | -  | Local Area          | Telangana      | Jayashankar Bhupalpalli    | Completed                                      |
|  | v  | 20,00,000                   | 6,00,000        | 14,00,000                                | Local Area          | Telangana      | Bhadradi Kothagudem        | Ongoing  |



| S. No. | Request by/ Authority   | Executing SCCL Area/ Authority | Approved Note No & Date                      | Sanction letter No & Date      | Project ID / SIO | CSR Activity   |
|--------|---|--------------------------------|--|--------------------------------|------------------|--|
| 37     | President of Abhyudaya Kala Seva Samithi  | Corporate                      | CRP/PER/C/CSR/134, 03-03-2023                | CRP/PER/C/CSR/735, 28-03-2023  | C22051000119     | Financial support for providing food and drinking water to participating school children in the cultural activities at Telangana Balotsav, Kothagudem                          |
| 38     | District Collector Bhadradi Kothagudem  | Corporate                      | CRP/PER/C/CSR/41, 19-01-2023                 | CRP/PER/C/CSR/153, 25-01-2023  | C22051000123     | Financial Assistance under CSR for conducting Theatre Dramas in Kothagudem by Surabhi Theatre Group for promoting Art and Culture  |
| 39     | Sri Mohammad Ali Baig, Qadir Ali Baig Theatre, Festival Director  | Hyderabad                      | CRP/PER/C/CSR/545, 07-10-2022                | CRP/PER/C/CSR/2942, 11-10-2022 | C22052000094     | Cultural event - Qadir ali baig theater festival in Hyderabad  |
| 40     | Sri Susanta Kumar Behera, Hon'ble MLA Chendipada  | Naini                          | NAINI AREA/DEV WORKS/2022/375/66, 18-08-2022 | CRP/PER/C/CSR/2588, 30-08-2022 | C22055100077     | Annual Ma Ramachandi Yatra in Kosala village of Odisha State   |
| 41     | Forest Divisional Officer Kothagudem  | Corporate                      | CRP/PER/C/CSR/2023/32, 14-01-2023            | CRP/PER/C/CSR/322, 11-02-2023  | C22071000107     | Financial support for organizing Regional Level sports meet at Kothagudem  |
| 42     | Under Secretary to the Ministry of Coal, Government of India  | Hyderabad                      | CRP/PER/C/CSR/178, 22-03-2023                | CRP/PER/C/CSR/719, 25-03-2023  | C22072000132     | National Sports Development Fund(NSDF) - extending financial support to potential athletes in bringing laurels in forthcoming Asian games and Olympic games                    |
| 43     | Sri Pulluri Sudhaker, General Secretary, Adilabad Erstwhile District, Badminton Association, HQ. Mancherial | Srirampur                      | CRP/PER/C/CSR/515, 16-09-2022                | CRP/PER/C/CSR/2807, 27-09-2022 | C22073400065     | Promoting Sports - Financial Assistance to Adilabad District Badminton Association for organizing under 17 Boys and Girls Badminton Championship Tournament at Mancherial town |
| 44     | Sri Diwakar Rao Nadipelli, Hon'ble MLA Mancherial   | Srirampur                      | CRP/PER/C/CSR/635, 02-12-2022                | CRP/PER/C/CSR/3535, 05-12-2022 | C22073400097     | Telangana State level 32 <sup>nd</sup> Sub-Junior Inter District Kabaddi Championship at DSA Grounds, Mancherial   |



|  | Item from the list of activities in Schedule VII to the Act. | Amount sanctioned in Rupees | Spent in Rupees | Unspent amount/ Provision made in Rupees | Local Area or other | State     | District            | Status of the project - completed (or) ongoing |
|--|--|-----------------------------|-----------------|--|---------------------|-----------|---------------------|--|
|  | v  | 2,00,000                    | -               | 2,00,000                                 | Local Area          | Telangana | Bhadradi Kothagudem | Ongoing  |
|  | v  | 3,00,000                    | 3,00,000        | -  | Local Area          | Telangana | Bhadradi Kothagudem | Completed                                      |
|  | v  | 5,00,000                    | 5,00,000        | -  | Other Area          | Telangana | Hyderabad           | Completed                                      |
|  | v  | 2,00,000                    | 1,00,000        | 1,00,000                                 | Local Area          | Odisha    | Angul               | Ongoing  |
|  | vii  | 1,90,000                    | 1,90,000        | -  | Local Area          | Telangana | Bhadradi Kothagudem | Completed                                      |
|  | vii  | 50,00,000                   | -               | 50,00,000                                | Other Area          | Delhi     | Delhi               | Ongoing  |
|  | vii  | 1,50,000                    | 1,50,000        | -  | Local Area          | Telangana | Mancherial          | Completed                                      |
|  | vii  | 5,00,000                    | 5,00,000        | -  | Local Area          | Telangana | Mancherial          | Completed                                      |



| S. No. | Request by/ Authority   | Executing SCCL Area/ Authority | Approved Note No & Date          | Sanction letter No & Date           | Project ID / SIO | CSR Activity  |
|--------|---|--------------------------------|----------------------------------|-------------------------------------|------------------|---|
| 45     | Sri S Venkata Veeraiah, Hon'ble MLA Sathupalli                                      | Kothagudem                     | CRP/PER/C/CSR/368, 07-07-2022    | CRP/PER/C/CSR/3227, 17-07-2022      | C22101100081     | Rural development works such as laying roads in the villages of Sathupalli constituency   |
| 46     | GM KGM, SCCL  | Kothagudem                     | KGM/GMO/2021/029/228, 03-08-2022 | CRP/PER/C/CSR/2578, 27-08-2022      | C22101100088     | Repairs to houses at BC colony and SC colony near Kistaram village and BC colony at Rejerla village of Sathupalli                                     |
| 47     | Smt Banoth Hari Priya, Hon'ble MLA Yellandu Constituency                            | Yellandu                       | CRP/PER/C/CSR/518, 17-09-2022    | CRP/PER/C/CSR/2811, 27-09-2022      | C22101200092     | Rural development works such as laying CC roads in Tekulapally village of Yellandu Constituency   |
| 48     | Sri Rega Kantha Rao, Hon'ble MLA Pinapaka   | Manuguru                       | CRP/PER/C/CSR/340, 22-06-2022    | CRP/PER/C/CSR/2022/1957, 02-07-2022 | C22101300071     | Construction of meeting hall for rural public in Manuguru   |
| 49     | Sri Rega Kantha Rao, Hon'ble MLA Pinapaka   | Manuguru                       | CRP/PER/C/CSR/382, 13-07-2022    | CRP/PER/C/CSR/2792, 24-09-2022      | C22101300078     | Construction of community halls for SC, Minority and rural backward community people of Manuguru  |
| 50     | Sri Rega Kantha Rao, Hon'ble MLA Pinapaka   | Manuguru                       | MNG/CVL/A-1/3050/283, 29-12-2022 | CRP/PER/C/CSR/87, 17-01-2023        | C22101300105     | Renovation works to community hall in Kommugudem village of Manuguru Area of of Bhadradi Kothagudem District  |
| 51     | District Collector Medak  | Hyderabad                      | CRP/PER/C/CSR/636, 02-12-2022    | CRP/PER/C/CSR/3536, 05-12-2022      | C22102000098     | Rural development activities such as Restoration of Oora cheruvu, laying roads and upgradation of Anganwadi centers in the villages of Medak District |
| 52     | OSD to Hon'ble Minister for Energy, Government of Telangana, Secretariat, Hyderabad | Hyderabad                      | CRP/PER/C/CSR/155, 14-03-2023    | CRP/PER/C/CSR/722, 27-03-2023       | C22102000116     | Rural development and infrastructural works for Saddala Cheruvu in Suryapet constituency  |
| 53     | Smt Dana-sari Anasuya (Seethakka), Hon'ble MLA Mulugu Constituency                  | Bhopala Paly                   | CRP/PER/C/CSR/467, 25-08-2022    | CRP/PER/C/CSR/2705, 13-09-2022      | C22102400091     | Rural development works such as laying CC roads, community halls, drilling bore wells etc. in the villages of Mulugu assembly constituency            |



|  | Item from the list of activities in Schedule VII to the Act. | Amount sanctioned in Rupees | Spent in Rupees | Unspent amount/ Provision made in Rupees | Local Area or other | State     | District            | Status of the project - completed (or) ongoing |
|--|--|-----------------------------|-----------------|--|---------------------|-----------|---------------------|--|
|  | x  | 2,00,00,000                 | 60,00,000       | 1,40,00,000                              | Local Area          | Telangana | Khammam             | Ongoing  |
|  | x  | 2,00,00,000                 | 47,28,471       | 1,52,71,529                              | Local Area          | Telangana | Khammam             | Ongoing  |
|  | x  | 10,00,000                   | -               | 10,00,000                                | Local Area          | Telangana | Bhadradi Kothagudem | Ongoing  |
|  | x  | 20,00,000                   | 6,00,000        | 14,00,000                                | Local Area          | Telangana | Bhadradi Kothagudem | Ongoing  |
|  | x  | 1,50,00,000                 | 45,00,000       | 1,05,00,000                              | Local Area          | Telangana | Bhadradi Kothagudem | Ongoing  |
|  | x  | 3,70,000                    | -               | 3,70,000                                 | Local Area          | Telangana | Bhadradi Kothagudem | Ongoing  |
|  | x  | 2,00,00,000                 | 60,00,000       | 1,40,00,000                              | Other Area          | Telangana | Medak               | Ongoing  |
|  | x  | 2,00,00,000                 | -               | 2,00,00,000                              | Other Area          | Telangana | Suryapet            | Ongoing  |
|  | x  | 1,00,00,000                 | 30,00,000       | 70,00,000                                | Local Area          | Telangana | Mulugu              | Ongoing  |



| S. No. | Request by/ Authority  | Executing SCCL Area/ Authority | Approved Note No & Date                   | Sanction letter No & Date      | Project ID / SIO | CSR Activity   |
|--------|--|--------------------------------|---|--------------------------------|------------------|--|
| 54     | Residents of Shanthinagar colony and GM BHP, SCCL  | Bhopala Paly                   | BHP/CVL/A-1/2389/311, 20-01-2023          | CRP/PER/C/CSR/323, 11-02-2023  | C22102400108     | Repair works to houses in Shanthinagar colony of Bhupalpalli Area  |
| 55     | Sri Gandra Venkata Ramana Reddy, Hon'ble MLA Bhupalpalli   | Bhopala Paly                   | BHP/CVL/A-1/470/65, 20-03-2023            | CRP/PER/C/CSR/727, 27-03-2023  | C22102400133     | Laying /widening of existing road including required cross drainage works from Ambedkar centre to Jangedu village in Bhupalpalli Constituency  |
| 56     | Sri Athram Sakku, Hon'ble MLA Asifabad   | Bellampally                    | CRP/PER/C/CSR/15, 06-01-2023              | CRP/PER/C/CSR/46, 09-01-2023   | C22103100104     | Construction of community halls in various villages of Asifabad Constituency   |
| 57     | GM MMR, SCCL   | Mandamarry                     | MMR/KKOCOP/G-001/2022/3773/46, 04-01-2023 | CRP/PER/C/CSR/689, 24-03-2023  | C22103200115     | Rural development works such as providing bore well, repairs to school building, construction of roads, drains, street lights, check dams, plants distribution, sewing machine distribution to the women etc in the villages of Bellampalli Constituency |
| 58     | Sri Indrakaran Reddy, Hon'ble Minister for Forest & Environment, Science & Technology, Law & Endowments, Govt of Telangana | Srirampur                      | CRP/PER/C/CSR/350, 25-06-2022             | CRP/PER/C/CSR/2149, 15-07-2022 | C22103400073     | Construction of community halls in the villages of Nirmal constituency   |
| 59     | Sri N Diwakar Rao, Hon'ble MLA Mancherial  | Srirampur                      | CRP/PER/C/CSR/661, 14-12-2022             | CRP/PER/C/CSR/3799, 28-12-2022 | C22103400103     | Providing lighting arrangements in Seetharampally village of Naspur Mandal   |
| 60     | Sri N Diwakar Rao, Hon'ble MLA Mancherial  | Srirampur                      | CRP/PER/C/CSR/176, 22-03-2023             | CRP/PER/C/CSR/718, 25-03-2023  | C22103400131     | Laying of CC roads, drains and providing lighting in the villages of Mancherial Constituency   |



|  | Item from the list of activities in Schedule VII to the Act. | Amount sanctioned in Rupees | Spent in Rupees | Unspent amount/ Provision made in Rupees | Local Area or other | State     | District                | Status of the project - completed (or) ongoing |
|--|--|-----------------------------|-----------------|--|---------------------|-----------|-------------------------|--|
|  | x  | 2,52,00,000                 | -               | 2,52,00,000                              | Local Area          | Telangana | Jayashankar Bhupalpalli | Ongoing  |
|  | x  | 4,00,00,000                 | -               | 4,00,00,000                              | Local Area          | Telangana | Jayashankar Bhupalpalli | Ongoing  |
|  | x  | 2,00,00,000                 | 60,00,000       | 1,40,00,000                              | Local Area          | Telangana | Komarambheem Asifabad   | Ongoing  |
|  | x  | 77,67,000                   | -               | 77,67,000                                | Local Area          | Telangana | Mancherial              | Ongoing  |
|  | x  | 3,00,00,000                 | 60,00,000       | 2,40,00,000                              | Local Area          | Telangana | Nirmal                  | Ongoing  |
|  | x  | 8,00,000                    | -               | 8,00,000                                 | Local Area          | Telangana | Mancherial              | Ongoing  |
|  | x  | 2,00,00,000                 | -               | 2,00,00,000                              | Local Area          | Telangana | Mancherial              | Ongoing  |





| S. No. | Request by/ Authority                            | Executing SCCL Area/ Authority | Approved Note No & Date              | Sanction letter No & Date          | Project ID / SIO | CSR Activity  |
|--------|--|--------------------------------|--------------------------------------|------------------------------------|------------------|---|
| 61     | Competent Authority, SCCL                        | Corporate                      | CRP/PER/C/CSR/537, 28-09-2022        | CRP/PER/C/CSR/3039, 22-10-2022     | C22121000079     | Reconstruction activities such as dewatering of flood affected Godavari Basin villages near Bhadrachalam by hiring Engine driven high discharge pumps under CSR |
| 62     | GM Civil, SCCL                                   | Corporate                      | CRP/CVL/2022-23/227, 16-07-2022      | CRP/PER/C/CSR/2340, 30-07-2022     | C22121000082     | Engagement of dozers/ excavators/tippers in flood affected villages of Bhadrachalam mandal for relief and reconstruction activities under CSR                   |
| 63     | GM Civil, SCCL                                   | Corporate                      | CRP/CVL/OF-FICE/2022/228, 18-08-2022 | CRP/PER/C/CSR/2632, 03-09-2022     | C22121000090     | Relief and reconstruction activities at flood affected Godavari Basin villages near Bhadrachalam under CSR  |
| 64     | SCCL Directors                                   | Kothagudem                     | KGM/PER/2022/462/542/521, 17-09-2022 | CRP/PER/C/CSR/2913, 08-10-2022     | C22121100093     | Rehabilitation, relief activities at Godavari flood affected villages at Bhadrachalam under CSR   |
| 65     | GM MNG, SCCL                                     | Manuguru                       | MNG/PER/18/1712, 16-07-2022          | CRP/PER/C/CSR/2350, 30-07-2022     | C22121300076     | Rehabilitation and relief activities to the flood affected people of Godavari Basin villages under CSR  |
| 66     | Sub Collector Bhadrachalam                       | Corporate                      | CRP/PER/EE/CSR/2012/153, 16-03-2022  | CRP/PER/C/2022/CSR/964, 05-04-2022 | C22991000013     | Providing drinking water to the people in Bhadrachalam.   |
| 67     | District Collector, Bhadradi Kothegudem District | Corporate                      | CRP/PER/C/CSR/4, 03-01-2023          | CRP/PER/C/CSR/88, 17-01-2023       | C22991000100     | Providing infrastructural facilities and upgradation of existing Anganwadi Centers in Bhadradi Kothagudem District  |
| 68     | District Collector Bhadradi Kothagudem           | Corporate                      | CRP/PER/C/CSR/122, 23-02-2023        | CRP/PER/C/CSR/519, 09-03-2023      | C22991000109     | Providing food, drinking water, sanitation and other facilities etc. to the people in Bhadrachalam  |



|  | Item from the list of activities in Schedule VII to the Act. | Amount sanctioned in Rupees | Spent in Rupees | Unspent amount/ Provision made in Rupees | Local Area or other | State     | District             | Status of the project - completed (or) ongoing |
|--|--|-----------------------------|-----------------|--|---------------------|-----------|----------------------|--|
|  | xii  | 33,04,000                   | 33,04,000       | -  | Local Area          | Telangana | Bhadradri Kothagudem | Completed                                      |
|  | xii  | 95,00,000                   | 56,00,752       | 38,99,248                                | Local Area          | Telangana | Bhadradri Kothagudem | Ongoing  |
|  | xii  | 15,00,000                   | 14,75,000       | 25,000                                   | Local Area          | Telangana | Bhadradri Kothagudem | Ongoing  |
|  | xii  | 8,50,335                    | 8,50,335        | -  | Local Area          | Telangana | Bhadradri Kothagudem | Completed                                      |
|  | xii  | 10,00,000                   | 4,79,998        | 5,20,002                                 | Local Area          | Telangana | Bhadradri Kothagudem | Ongoing  |
|  | i,v  | 2,00,000                    | 2,00,000        | -  | Local Area          | Telangana | Bhadradri Kothagudem | Completed                                      |
|  | iii,x  | 12,00,000                   | -               | 12,00,000                                | Local Area          | Telangana | Bhadradri Kothagudem | Ongoing  |
|  | i,v  | 10,00,000                   | 10,00,000       | -  | Local Area          | Telangana | Bhadradri Kothagudem | Completed                                      |



| S. No. | Request by/ Authority  | Executing SCCL Area/ Authority | Approved Note No & Date        | Sanction letter No & Date          | Project ID / SIO | CSR Activity   |
|--------|--|--------------------------------|--------------------------------|------------------------------------|------------------|--|
| 69     | Addl. Director General of Police, Intelligence, TS, Hyderabad                            | Hyderabad                      | CRP/PER/C/CSR/406, 21-07-2022  | CRP/PER/C/CSR/2355, 30-07-2022     | C22992000084     | Development of training ground with plantation and water facility at Integrated Intelligence Training Academy, Moinabad, Hyderabad.  |
| 70     | District Collector, Medak District   | Hyderabad                      | CRP/PER/C/CSR/687, 31-12-2022  | CRP/PER/C/CSR/3826, 02-01-2022     | C22992000099     | Providing infrastructural pre-primary education facilities, digitalization of High schools and providing facilities for Indoor and outdoor games in the rural villages of Medak District |
| 71     | Sri K Vidyasagar Rao, Hon'ble MLA Korutla  | Ramagundam -1                  | CRP/PER/C/CSR/52, 23-01-2023   | CRP/PER/C/CSR/151, 24-01-2023      | C22992100121     | Construction of Community Hall and infrastructural development works to Mini stadium in Metpally village of Korutla Constituency   |
| 72     | Commissioner, Raikal Municipality  | Ramagundam -1                  | CRP/PER/C/CSR/188, 27-03-2023  | CRP/PER/C/CSR/729, 28-03-2023      | C22992100127     | Development of park, providing Bus shelters and open Gyms in Raikal Municipality   |
| 73     | Sri G Venkata Ramana Reddy, Hon'ble MLA Bhupalpalli Constituency                         | Bhopala Paly                   | CRP/PER/C/CSR/618, 21-11-2022  | CRP/PER/C/CSR/3529, 03-12-2022     | C22992400068     | Rural development works such as construction of library building, community halls and roads etc. in the villages of Bhupalpalli constituency   |
| 74     | Commandant, IV Battalion, TSSP, Mamnoon Lines, Warangal, Police Dept., Govt of Telangana | Bhopala Paly                   | CRP/PER/C/CSR/186, 25-03-2023  | CRP/PER/C/CSR/738, 29-03-2023      | C22992400120     | Establishment of Gymnasium and equipemnt in Police Battalion premises at Mamnoon lines of Warangal for Police personnel and job Aspirants/ youth for physical fitness/ training purpose  |
| 75     | Sri Balka Suman, Hon'ble MLA Chennur   | Srirampur                      | CRP/PER/EE/CSR/170, 06-04-2022 | CRP/PER/C/CSR/2022/993, 07-04-2022 | C22993400021     | Providing infrastructure facilities near pranahitha river in Kotapally mandal of Mancherial district   |
|        |  |                                |                                |                                    |                  | <b>Total</b>   |



|  | Item from the list of activities in Schedule VII to the Act. | Amount sanctioned in Rupees | Spent in Rupees     | Unspent amount/ Provision made in Rupees | Local Area or other | State     | District                | Status of the project - completed (or) ongoing |
|--|--|-----------------------------|---------------------|--|---------------------|-----------|-------------------------|--|
|  | i,iv   | 25,00,000                   | 25,00,000           | -  | Other Area          | Telangana | Hyderabad               | Completed                                      |
|  | ii,vii   | 2,50,00,000                 | 1,25,00,000         | 1,25,00,000                              | Other Area          | Telangana | Medak                   | Ongoing  |
|  | vii,x  | 1,00,00,000                 | -                   | 1,00,00,000                              | Local Area          | Telangana | Dharmapuri              | Ongoing  |
|  | i,iii,iv   | 30,00,000                   | -                   | 30,00,000                                | Local Area          | Telangana | Jagtial                 | Ongoing  |
|  | v,x  | 2,00,00,000                 | -                   | 2,00,00,000                              | Local Area          | Telangana | Jayashankar Bhupalpalli | Ongoing  |
|  | i,ii,iii   | 20,00,000                   | -                   | 20,00,000                                | Local Area          | Telangana | Warangal                | Ongoing  |
|  | i,v  | 30,00,000                   | -                   | 30,00,000                                | Local Area          | Telangana | Mancherial              | Ongoing  |
|  |  | <b>43,04,90,592</b>         | <b>10,44,31,518</b> | <b>32,60,59,074</b>                      |                     |           |                         |  |

**8 (b) Details of CSR amount spent against ongoing projects for the financial year: Annexure-A**

| 1<br>Sl.<br>No. | 2<br>Name of the Project.  | 3<br>Item from<br>the list of<br>activities in<br>Schedule VII<br>to the Act. | 4<br>Local<br>area<br>(Yes/<br>No). | 5<br>Location of the project |                            | 6<br>Project<br>duration |
|-----------------|--|---|-------------------------------------|------------------------------|----------------------------|--------------------------|
|                 |  |   |                                     | State                        | District.                  |                          |
| 1               | Providing 7.5 HP motor to Borehole at 10th ward in Sathupalli, Municipality.   | i   | Yes                                 | Telangana                    | Khammam                    | 3                        |
| 2               | Deployment of 200HP truck mounted 1 cu.m hydraulic excavator for desilting of L6 canal from Rajapur village to Manthani  | i   | Yes                                 | Telangana                    | Peddapalli                 | 3                        |
| 3               | Providing drinking water to the people at Kaleswaram   | i   | Yes                                 | Telangana                    | Jayashankar Bhupalpalli    | 3                        |
| 4               | Organizing medical camp to the villagers of Gaddiganipalli and other near surrounding villages in Bhupalpalli  | i   | Yes                                 | Telangana                    | Jayashankar Bhupalpalli    | 3                        |
| 5               | Drilling of 15 Nos hand bore wells in the surrounding villages of Rebbana Mandal   | i   | Yes                                 | Telangana                    | Komarambheem Asifabad      | 3                        |
| 6               | Construction of drains and other civil works in Chennur Municipality   | i   | Yes                                 | Telangana                    | Mancherial                 | 3                        |
| 7               | Construction of community hall for Disabled persons welfare in Kothagudem Mandal   | ii  | Yes                                 | Telangana                    | Bhadradi Kothagudem        | 3                        |
| 8               | Renovation of Govt Primary School at Vengala Rao Nagar in Sathupalli   | ii  | Yes                                 | Telangana                    | Khammam                    | 3                        |
| 9               | Renovation of Govt. School at SC Colony, Rejerla Grama Panchayat, Sathupalli   | ii  | Yes                                 | Telangana                    | Khammam                    | 3                        |
| 10              | Promoting education by providing facilities in Govt Junior college, Gundala  | ii  | Yes                                 | Telangana                    | Bhadradi Kothagudem        | 3                        |
| 11              | Providing furniture to Govt Degree college in Manuguru   | ii  | Yes                                 | Telangana                    | Bhadradi Kothagudem        | 3                        |
| 12              | Repair works to Z.P.High School and Govt Junior and Degree college in Manuguru   | ii  | Yes                                 | Telangana                    | Bhadradi Kothagudem        | 3                        |
| 13              | Skill development training for the unemployed youth  | ii  | Yes                                 | Telangana                    | SCCL operational districts | 3                        |
| 14              | Construction of Class Rooms and Seminar Hall Cum Auditorium and Other Infrastructural Works at Dept Of ECE, UCE(A), Osmania University, Hyderabad.                       | ii  | No                                  | Telangana                    | Hyderabad                  | 3                        |
| 15              | Providing public grievance hall near I-Town Police Station, Kothagudem   | iii   | Yes                                 | Telangana                    | Bhadradi Kothagudem        | 3                        |
| 16              | Providing repairs to public grievance hall at Ganeshpuram in Kothagudem  | iii   | Yes                                 | Telangana                    | Bhadradi Kothagudem        | 3                        |
| 17              | Installation of CC cameras for surveillance in Vengalrao nagar, Jalagam Nagar and Rejerla villages of Sathupalli constituency for safety and security of the wome/public | iii   | Yes                                 | Telangana                    | Khammam                    | 3                        |
| 18              | Centre for Dalit studies – Impact of the SCCL on the lives of Dalits and Marginal sections – A case study of coal mines in Telangana State                               | iii   | Yes                                 | Telangana                    | SCCL operational districts | 3                        |



|  | 7  | 8   | 9   | 10                                       | 11  |                          |
|--|--|---|---|--|---|--------------------------|
|  | Amount allocated for the project (in Rs.). | Amount spent in the current financial Year (in Rs.) | Amount transferred to Unspent CSR Account for the project as per Section 135(6) (in Rs.). | Mode of Implementation - Direct (Yes/No) | Mode of Implementation - Through Implementing Agency Name | CSR Registration number. |
|  | 1,21,450                                   | 74,958  | 46,492  | Yes                                      |   |                          |
|  | 11,25,000                                  | -   | 11,25,000   | Yes                                      |   |                          |
|  | 2,40,000                                   | -   | 2,40,000  | Yes                                      |   |                          |
|  | 3,00,000                                   | 2,90,000  | 10,000  | Yes                                      |   |                          |
|  | 14,43,000                                  | -   | 14,43,000   | Yes                                      |   |                          |
|  | 1,50,00,000                                | -   | 1,50,00,000   | Yes                                      |   |                          |
|  | 10,00,000                                  | -   | 10,00,000   | Yes                                      |   |                          |
|  | 8,23,000                                   | -   | 8,23,000  | Yes                                      |   |                          |
|  | 2,90,000                                   | -   | 2,90,000  | Yes                                      |   |                          |
|  | 10,00,000                                  | 4,68,932  | 5,31,068  | Yes                                      |   |                          |
|  | 5,00,000                                   | -   | 5,00,000  | Yes                                      |   |                          |
|  | 52,57,000                                  | -   | 52,57,000   | Yes                                      |   |                          |
|  | 1,00,00,000                                | 2,027,132   | 79,72,868   | Yes                                      |   |                          |
|  | 1,48,00,000                                | 74,00,000   | 74,00,000   | Yes                                      |   |                          |
|  | 17,91,000                                  | 11,53,133   | 6,37,867  | Yes                                      |   |                          |
|  | 15,30,000                                  | -   | 15,30,000   | Yes                                      |   |                          |
|  | 6,00,000                                   | -   | 6,00,000  | Yes                                      |   |                          |
|  | 25,00,000                                  | 12,00,000   | 13,00,000   | Yes                                      |   |                          |

**8 (b) Details of CSR amount spent against ongoing projects for the financial year: Annexure-A**

| 1<br>Sl.<br>No. | 2<br>Name of the Project.   | 3<br>Item from<br>the list of<br>activities in<br>Schedule VII<br>to the Act. | 4<br>Local<br>area<br>(Yes/<br>No). | 5<br>Location of the project |                         | 6<br>Project<br>duration |  |
|-----------------|---|---|-------------------------------------|------------------------------|-------------------------|--------------------------|--|
|                 |   |   |                                     | State                        | District.               |                          |  |
| 19              | Installation of CCTV cameras for surveillance in Manthani town and Ramagiri Mandal for safety and security of women/people                                  | iii   | Yes                                 | Telangana                    | Peddapalli              | 3                        |  |
| 20              | Installation of CCTV cameras for surveillance in Mandamarri Area for safety and security of women/ public and girl child                                    | iii   | Yes                                 | Telangana                    | Mancherial              | 3                        |  |
| 21              | Development of historical Buddhist site at Karukonda in Bhadradri Kothagudem District   | v   | Yes                                 | Telangana                    | Bhadradri Kothagudem    | 3                        |  |
| 22              | Financial support for providing food and drinking water to participating school children in the cultural activities at Telangana Balotsav, Kothagudem       | v   | Yes                                 | Telangana                    | Bhadradri Kothagudem    | 3                        |  |
| 23              | Annual Ma Ramachandi Yatra in Kosala village of Odisha State  | v   | Yes                                 | Odisha                       | Angul                   | 3                        |  |
| 24              | National Sports Development Fund(NSDF) - extending financial support to potential athletes in bringing laurels in forthcoming Asian games and Olympic games | vii   | No                                  | Delhi                        | Delhi                   | 3                        |  |
| 25              | Rural development works such as laying roads in the villages of Sathupalli constituency   | x   | Yes                                 | Telangana                    | Khammam                 | 3                        |  |
| 26              | Repairs to houses at BC colony and SC colony near Kistaram village and BC colony at Rejerla village of Sathupalli   | x   | Yes                                 | Telangana                    | Khammam                 | 3                        |  |
| 27              | Rural development works such as laying CC roads in Tekulapally village of Yellandu Constituency   | x   | Yes                                 | Telangana                    | Bhadradri Kothagudem    | 3                        |  |
| 28              | Construction of meeting hall for rural public in Manuguru   | x   | Yes                                 | Telangana                    | Bhadradri Kothagudem    | 3                        |  |
| 29              | Construction of community halls for SC, Minority and rural backward community people of Manuguru  | x   | Yes                                 | Telangana                    | Bhadradri Kothagudem    | 3                        |  |
| 30              | Renovation works to community hall in Kommugudem village of Manuguru Area of Bhadradri Kothagudem District  | x   | Yes                                 | Telangana                    | Bhadradri Kothagudem    | 3                        |  |
| 31              | Rural development activities such as Restoration of Oora cheruvu, laying roads and upgradation of Anganwadi centers in the villages of Medak District       | x   | No                                  | Telangana                    | Medak                   | 3                        |  |
| 32              | Rural development and infrastructural works for Saddala Cheruvu in Suryapet constituency  | x   | No                                  | Telangana                    | Suryapet                | 3                        |  |
| 33              | Rural development works such as laying CC roads,community halls, drilling bore wells etc. in the villages of Mulugu assembly constituency                   | x   | Yes                                 | Telangana                    | Mulugu                  | 3                        |  |
| 34              | Repair works to houses in Shanthinagar colony of Bhupalpalli Area   | x   | Yes                                 | Telangana                    | Jayashankar Bhupalpalli | 3                        |  |
| 35              | Laying /widening of existing road including required cross drainage works from Ambedkar centre to Jangedu village in Bhupalpalli Constituency               | x   | Yes                                 | Telangana                    | Jayashankar Bhupalpalli | 3                        |  |



|  | 7  | 8   | 9   | 10                                       | 11  |                          |
|--|--|---|---|--|---|--------------------------|
|  | Amount allocated for the project (in Rs.). | Amount spent in the current financial Year (in Rs.) | Amount transferred to Unspent CSR Account for the project as per Section 135(6) (in Rs.). | Mode of Implementation - Direct (Yes/No) | Mode of Implementation - Through Implementing Agency Name | CSR Registration number. |
|  | 15,00,000                                  | -   | 15,00,000   | Yes                                      |   |                          |
|  | 10,00,000                                  | 3,00,000  | 7,00,000  | Yes                                      |   |                          |
|  | 20,00,000                                  | 6,00,000  | 14,00,000   | Yes                                      |   |                          |
|  | 2,00,000                                   | -   | 2,00,000  | Yes                                      |   |                          |
|  | 2,00,000                                   | 1,00,000  | 1,00,000  | Yes                                      |   |                          |
|  | 50,00,000                                  | -   | 50,00,000   | Yes                                      |   |                          |
|  | 2,00,00,000                                | 60,00,000   | 1,40,00,000   | Yes                                      |   |                          |
|  | 2,00,00,000                                | 47,28,471   | 1,52,71,529   | Yes                                      |   |                          |
|  | 1,000,000                                  | -   | 10,00,000   | Yes                                      |   |                          |
|  | 2,000,000                                  | 6,00,000  | 14,00,000   | Yes                                      |   |                          |
|  | 1,50,00,000                                | 45,00,000   | 1,05,00,000   | Yes                                      |   |                          |
|  | 3,70,000                                   | -   | 3,70,000  | Yes                                      |   |                          |
|  | 2,00,00,000                                | 60,00,000   | 1,40,00,000   | Yes                                      |   |                          |
|  | 2,00,00,000                                | -   | 2,00,00,000   | Yes                                      |   |                          |
|  | 1,00,00,000                                | 30,00,000   | 70,00,000   | Yes                                      |   |                          |
|  | 2,52,00,000                                | -   | 2,52,00,000   | Yes                                      |   |                          |
|  | 4,00,00,000                                | -   | 4,00,00,000   | Yes                                      |   |                          |



**8 (b) Details of CSR amount spent against ongoing projects for the financial year: Annexure-A**

| 1<br>Sl.<br>No. | 2<br>Name of the Project.  | 3<br>Item from<br>the list of<br>activities in<br>Schedule VII<br>to the Act. | 4<br>Local<br>area<br>(Yes/<br>No). | 5<br>Location of the project |                         | 6<br>Project<br>duration |
|-----------------|--|---|-------------------------------------|------------------------------|-------------------------|--------------------------|
|                 |  |   |                                     | State                        | District.               |                          |
| 36              | Construction of community halls in various villages of Asifabad Constituency   | x   | Yes                                 | Telangana                    | Komarambheem Asifabad   | 3                        |
| 37              | Rural development works such as providing bore well, repairs to school building, construction of roads, drains, street lights, check dams, plants distribution, sewing machine distribution to the women etc in the villages of Bellampalli Constituency | x   | Yes                                 | Telangana                    | Mancherial              | 3                        |
| 38              | Construction of community halls in the villages of Nirmal constituency   | x   | Yes                                 | Telangana                    | Nirmal                  | 3                        |
| 39              | Providing lighting arrangements in Seetharampally village of Naspur Mandal   | x   | Yes                                 | Telangana                    | Mancherial              | 3                        |
| 40              | Laying of CC roads, drains and providing lighting in the villages of Mancherial Constituency   | x   | Yes                                 | Telangana                    | Mancherial              | 3                        |
| 41              | Engagement of dozers/excavators/tippers in flood affected villages of Bhadrachalam mandal for relief and reconstruction activities under CSR   | xii   | Yes                                 | Telangana                    | Bhadradri Kothagudem    | 3                        |
| 42              | Relief and reconstruction activities at flood affected Godavari Basin villages near Bhadrachalam under CSR   | xii   | Yes                                 | Telangana                    | Bhadradri Kothagudem    | 3                        |
| 43              | Rehabilitation and relief activities to the flood affected people of Godavari Basin villages under CSR   | xii   | Yes                                 | Telangana                    | Bhadradri Kothagudem    | 3                        |
| 44              | Providing infrastructural facilities and upgradation of existing Anganwadi Centers in Bhadradri Kothagudem District  | iii,x   | Yes                                 | Telangana                    | Bhadradri Kothagudem    | 3                        |
| 45              | Providing infrastructural pre-primary education facilities, digitalization of High schools and providing facilities for Indoor and outdoor games in the rural villages of Medak District   | ii,vii  | No                                  | Telangana                    | Medak                   | 3                        |
| 46              | Construction of Community Hall and infrastructural development works to Mini stadium in Metpally village of Korutla Constituency   | vii,x   | Yes                                 | Telangana                    | Dharmapuri              | 3                        |
| 47              | Development of park, providing Bus shelters and open Gyms in Raikal Municipality   | i,iii,iv  | Yes                                 | Telangana                    | Jagtial                 | 3                        |
| 48              | Rural development works such as construction of library building, community halls and roads etc. in the villages of Bhupalpalli constituency   | v,x   | Yes                                 | Telangana                    | Jayashankar Bhupalpalli | 3                        |
| 49              | Establishment of Gymnasium and equipemnt in Police Battalion premises at Mamnoor lines of Warangal for Police personnel and job Aspirants/ youth for physical fitness/training purpose   | i,ii,iii  | Yes                                 | Telangana                    | Warangal                | 3                        |
| 50              | Providing infrastructure facilities near pranahitha river in Kotapally mandal of Mancherial district   | i,v   | Yes                                 | Telangana                    | Mancherial              | 3                        |
|                 | <b>Total</b>   |   |                                     |                              |                         |                          |



|  | 7  | 8   | 9   | 10                                       | 11  |                          |
|--|--|---|---|--|---|--------------------------|
|  | Amount allocated for the project (in Rs.). | Amount spent in the current financial Year (in Rs.) | Amount transferred to Unspent CSR Account for the project as per Section 135(6) (in Rs.). | Mode of Implementation - Direct (Yes/No) | Mode of Implementation - Through Implementing Agency Name | CSR Registration number. |
|  | 20,000,000                                 | 60,00,000   | 1,40,00,000   | Yes                                      |   |                          |
|  | 77,67,000                                  | -   | 77,67,000   | Yes                                      |   |                          |
|  | 30,000,000                                 | 60,00,000   | 2,40,00,000   | Yes                                      |   |                          |
|  | 8,00,000                                   | -   | 8,00,000  | Yes                                      |   |                          |
|  | 20,000,000                                 | -   | 2,00,00,000   | Yes                                      |   |                          |
|  | 9,500,000                                  | 56,00,752   | 38,99,248   | Yes                                      |   |                          |
|  | 1,500,000                                  | 14,75,000   | 25,000  | Yes                                      |   |                          |
|  | 1,000,000                                  | 4,79,998  | 5,20,002  | Yes                                      |   |                          |
|  | 1,200,000                                  | -   | 12,00,000   | Yes                                      |   |                          |
|  | 25,000,000                                 | 1,25,00,000   | 1,25,00,000   | Yes                                      |   |                          |
|  | 10,000,000                                 | -   | 1,00,00,000   | Yes                                      |   |                          |
|  | 3,000,000                                  | -   | 30,00,000   | Yes                                      |   |                          |
|  | 20,000,000                                 | -   | 2,00,00,000   | Yes                                      |   |                          |
|  | 2,000,000                                  | -   | 20,00,000   | Yes                                      |   |                          |
|  | 3,000,000                                  | -   | 30,00,000   | Yes                                      |   |                          |
|  | <b>39,65,57,450</b>                        | <b>7,04,98,376</b>                                  | <b>32,60,59,074</b>   |  |   |                          |

**8 (c) Details of CSR amount spent against other than ongoing projects for the financial year: Annexure-B**

| 1<br>S. No | 2<br>Name of the Project.  | 3<br>Item from the list of activities in Schedule VII to the Act. | 4<br>Local area (Yes/No). | 5<br>Location of the project |                            | 6<br>Amount spent in the current financial Year (in Rs.) | 7<br>Mode of Implementation - Direct (Yes/No) | 8<br>Mode of Implementation - Through Implementing Agency |                          |
|------------|--|---|---------------------------|------------------------------|----------------------------|--|---|---|--------------------------|
|            |  |   |                           | State.                       | District.                  |  |   | Name  | CSR Registration number. |
| 1          | Procurement and supply of Bleaching powder to sanitize the flood affected areas in and around Bhadrachalam town  | i   | Yes                       | Telangana                    | Bhadradi Kothagudem        | 17,70,000  | Yes   |   |                          |
| 2          | Refilling of oxygen cylinders by SCCL to use at Community Health Centres of Sathupalli and Penuballi   | i   | Yes                       | Telangana                    | Khammam                    | 6,25,000   | Yes   |   |                          |
| 3          | Providing fans,tube lights and chairs to Govt Junior college in Kothagudem   | ii  | Yes                       | Telangana                    | Bhadradi Kothagudem        | 1,54,000   | Yes   |   |                          |
| 4          | Har Ghar Tiranga campaign - Purchase and distribution of National flags to the people in SCCL operational districts under CSR                                  | ii  | Yes                       | Telangana                    | SCCL operational districts | 14,93,363  | Yes   |   |                          |
| 5          | Financial assistance for District Level Science fair in S.C.High School Yellandu   | ii  | Yes                       | Telangana                    | Bhadradi Kothagudem        | 54,110   | Yes   |   |                          |
| 6          | Financial support for Pre-Recruitment Police Training Programme for unemployed youth in Central Zone, Hyderabad  | ii  | No                        | Telangana                    | Hyderabad                  | 10,00,000  | Yes   |   |                          |
| 7          | Financial aid and purchase of Vocational Training machinery for Manochaitanya Institution established for differently abled children at Godavarikhani          | ii  | Yes                       | Telangana                    | Peddapalli                 | 15,00,000  | Yes   |   |                          |
| 8          | Construction of play ground near Commissioner of Police Office in Ramagundam.  | ii  | Yes                       | Telangana                    | Peddapalli                 | 10,00,000  | Yes   |   |                          |
| 9          | Installation of CCTV cameras for surveillance in Educational Institutions in Bhadradi Kothagudem District for safety and security of working and girl students | iii   | Yes                       | Telangana                    | Bhadradi Kothagudem        | 9,55,400   | Yes   |   |                          |


**8 (c) Details of CSR amount spent against other than ongoing projects for the financial year: Annexure-B**

| 1<br>S. No | 2<br>Name of the Project.   | 3<br>Item from the list of activities in Schedule VII to the Act. | 4<br>Local area (Yes/No). | 5<br>Location of the project |                            | 6<br>Amount spent in the current financial Year (in Rs.) | 7<br>Mode of Implementation - Direct (Yes/No) | 8<br>Mode of Implementation - Through Implementing Agency |                          |
|------------|---|---|---------------------------|------------------------------|----------------------------|--|---|---|--------------------------|
|            |   |   |                           | State.                       | District.                  |  |   | Name  | CSR Registration number. |
| 10         | Installation of CCTV cameras for surveillance in Yellandu town for women/ public safety and security  | iii   | Yes                       | Telangana                    | Bhadradi Kothagudem        | 10,00,000  | Yes   |   |                          |
| 11         | Installation of CCTV cameras for surveillance in Godavarikhani-I town Area for safety and security of the women/public                                | iii   | Yes                       | Telangana                    | Peddapalli                 | 10,00,000  | Yes   |   |                          |
| 12         | Installation of CCTV cameras for surveillance in Srirampur, Naspur and Mancherial for safety and security of the women/ public.                       | iii   | Yes                       | Telangana                    | Mancherial                 | 10,36,934  | Yes   |   |                          |
| 13         | Animal welfare - procurement of grass / fodder for survival of animals in Kothagudem  | iv  | Yes                       | Telangana                    | Bhadradi Kothagudem        | 3,50,000   | Yes   |   |                          |
| 14         | Financial support for Narmada Samagra Organization towards conservation of River Narmada and Health of the river catchment areas in Nation's interest | iv  | No                        | Madhya Pradesh               | District in Madhya Pradesh | 25,00,000  | Yes   |   |                          |
| 15         | Procurement of plants material for raising multi layer green belt Avenue Plantation from Bhupalpally to Mahadevapur Road under CSR                    | iv  | Yes                       | Telangana                    | Jayashankar Bhupalpalli    | 1,00,00,000  | Yes   |   |                          |
| 16         | Financial Assistance under CSR for conducting Theatre Dramas in Kothagudem by Surabhi Theatre Group for promoting Art and Culture                     | v   | Yes                       | Telangana                    | Bhadradi Kothagudem        | 3,00,000   | Yes   |   |                          |
| 17         | Cultural event - Qadir ali baig theater festival in Hyderabad   | v   | No                        | Telangana                    | Hyderabad                  | 5,00,000   | Yes   |   |                          |



**8 (c ) Details of CSR amount spent against other than ongoing projects for the financial year: Annexure-B**

| 1<br>S. No   | 2<br>Name of the Project.  | 3<br>Item from the list of activities in Schedule VII to the Act. | 4<br>Local area (Yes/No). | 5<br>Location of the project |                     | 6<br>Amount spent in the current financial Year (in Rs.) | 7<br>Mode of Implementation - Direct (Yes/No) | 8<br>Mode of Implementation - Through Implementing Agency |                          |
|--------------|--|---|---------------------------|------------------------------|---------------------|--|---|---|--------------------------|
|              |  |   |                           | State.                       | District.           |  |   | Name  | CSR Registration number. |
| 18           | Financial support for organizing Regional Level sports meet at Kothagudem  | vii   | Yes                       | Telangana                    | Bhadradi Kothagudem | 1,90,000   | Yes   |   |                          |
| 19           | Promoting Sports - Financial Assistance to Adilabad District Badminton Association for organizing under 17 Boys and Girls Badminton Championship Tournament at Mancherial town | vii   | Yes                       | Telangana                    | Mancherial          | 1,50,000   | Yes   |   |                          |
| 20           | Telangana State level 32 <sup>nd</sup> Sub-Junior Inter District Kabaddi Championship at DSA Grounds, Mancherial   | vii   | Yes                       | Telangana                    | Mancherial          | 5,00,000   | Yes   |   |                          |
| 21           | Reconstruction activities such as dewatering of flood affected Godavari Basin villages near Bhadrachalam by hiring Engine driven high discharge pumps under CSR                | xii   | Yes                       | Telangana                    | Bhadradi Kothagudem | 33,04,000  | Yes   |   |                          |
| 22           | Rehabilitation, relief activities at Godavari flood affected villages at Bhadrachalam under CSR  | xii   | Yes                       | Telangana                    | Bhadradi Kothagudem | 8,50,335   | Yes   |   |                          |
| 23           | Providing drinking water to the people in Bhadrachalam.  | i,v   | Yes                       | Telangana                    | Bhadradi Kothagudem | 2,00,000   | Yes   |   |                          |
| 24           | Providing food, drinking water, sanitation and other facilities etc. to the people in Bhadrachalam   | i,v   | Yes                       | Telangana                    | Bhadradi Kothagudem | 10,00,000  | Yes   |   |                          |
| 25           | Development of training ground with plantation and water facility at Integrated Intelligence Training Academy, Moinabad, Hyderabad.  | i,iv  | No                        | Telangana                    | Hyderabad           | 25,00,000  | Yes   |   |                          |
| <b>Total</b> |  |   |                           |                              |                     | <b>3,39,33,142</b>                                       |   |   |                          |


**9 (b) Details of CSR amount spent in the FY 2022-23 for ongoing projects of the preceding financial years(s): Annexure-C**

| 1     | 2   | 3   | 4   | 5                | 6   | 7  | 8   | 9   |
|-------|---|---|---|------------------|---|--|---|---|
| S. No | Project ID  | Name of the Project   | Financial Year in which the project was commenced | Project duration | Total amount allocated for the project (in Rs.) | Amount spent on the project in the reporting Financial Year (in Rs.) | Cumulative amount spent at the end of reporting Financial Year (in Rs.) | Status of the project - Completed/ongoing |
| 1     | CRP/PER/WEL/CSR/516, dtd.20.11.2017                                       | Roads, side drains & culverts works in Manuguru Mandal under CSR  | 2017-18   |                  | 18,00,000                                       | 11,96,431  | 17,36,431   | ongoing                                   |
| 2     | CRP/PER/WEL/CSR/552, DT 07.12.2017  | Development works such as roads, drains and sheds etc. in Bhupalpally Assembly Constituency under CSR   | 2017-18   |                  | 5,00,00,000                                     | 1,26,40,231  | 3,61,40,576   | ongoing                                   |
| 3     | CSR/PER/WEL/CSR/496, Dtd: 02.11.2017 CRP/PER/WEL/CSR/2978, dtd.09.11.2017 | Roads and other development works in certain villages of Thiryani Mandal  | 2017-18   |                  | 2,00,00,000                                     | 21,81,908  | 1,33,99,607   | ongoing                                   |
| 4     | BPA/MED/F/005/2068, dtd. 24-07-12/14                                      | Hiring of Ambulance for Mobile Medical camp   | 2014-15   |                  | 32,48,693                                       | 9,22,336   | 32,46,615   | ongoing                                   |
| 5     | CRP/PER/WEL/CSR/411 DT 29.08.2017   | Sanction of Ambedkar Bhavan at Constituency Head Quarters, Bellampalli with all facilities such as Marriage Hall, reading hall and Meeting hall etc. under CSR. | 2017-18   |                  | 1,00,00,000                                     | 33,11,043  | 63,11,043   | ongoing                                   |
| 6     | CRP/PER/WEL/CSR/977 DT 22.03.2018   | Development works such as laying CC roads and drains at Kasipet GP in Mancheril District under CSR.   | 2017-18   |                  | 1,07,90,000                                     | 3,35,125   | 97,17,520   | ongoing                                   |
| 7     | Approved Note. No.CRP/PER/WEL/CSR/266,DT:13.06-2017                       | Infrastructure development works in the Villages of Mancheril constituency CSR  | 2017-18   |                  | 1,00,00,000                                     | 3,47,177   | 81,38,978   | ongoing                                   |
| 8     | CRP/PER/WEL/CSR/272, DT: 19.07.2018                                       | Rural Development works in the Khammam Parliamentary Constituency   | 2018-19   |                  | 2,62,00,000                                     | 5,89,587   | 1,94,01,083   | ongoing                                   |
| 9     | CRP/PER/WEL/CSR/494, dtd.31.10.2017                                       | LED Street lights in three (03) Mandals i.e. Sujathanagar, Chunchupalli and Laxmidevipalli of Kothagudem Assembly Constituency under CSR.                       | 2017-18   |                  | 2,00,00,000                                     | 18,31,724  | 1,38,31,724   | ongoing                                   |
|       |   | <b>Total</b>  |   |                  | <b>15,20,38,693</b>                             | <b>2,33,55,562</b>   | <b>11,19,23,577</b>   |   |

**9 (c) Details of CSR amount spent in the FY 2022-23 of the FY 2021-22 for which provision is made: Annexure-D**

| 1      | 2            | 3  | 4   | 5                | 6   | 7  | 8   | 9  |
|--------|--------------|--|---|------------------|---|--|---|--|
| Sl. No | Project ID   | Name of the project  | Financial Year in which the project was commenced | Project duration | Total amount allocated for the project (in Rs.) | Amount spent on the project in the reporting Financial Year (in Rs.) | Cumulative amount spent at the end of reporting Financial Year (in Rs.) | Status of the project - Completed /Ongoing |
| 1      | C21012200050 | Drilling Bore wells in Peddampet village of Ramagundam-II Area   | 2021-22   | 3                | 12,15,000                                       | -  | -   | ongoing                                    |
| 2      | C21012300003 | Supply of Drinking water to Vakilpally Village by hiring tanker under CSR  | 2021-22   | 3                | 3,50,000  | -  | -   | ongoing                                    |
| 3      | C21012300032 | Procurement and Commissioning of 10 No.of Borewell pumpsets for Rajapur Village, Ramagiri Mandal, Peddapalli District                            | 2021-22   | 3                | 3,00,000  | 1,61,813   | 1,61,813  | ongoing                                    |
| 4      | C21012400021 | Hiring of two auto trolleys and two autos for spraying NaCl3 in residential areas in and around Bhupalli Area and for staff nurse conveyance     | 2021-22   | 3                | 10,00,000                                       | -  | -   | ongoing                                    |
| 5      | C21012400098 | Oganizing medical camp in Bhupalpalli under SCCL CSR   | 2021-22   | 3                | 2,50,000  | 2,00,715   | 2,00,715  | ongoing                                    |
| 6      | C21012400101 | Sanitation and drinking water supply facilities for Sammakka Sarakka Jathara at Medaram Village  | 2021-22   | 3                | 14,00,000                                       | 9,96,750   | 9,96,750  | ongoing                                    |
| 7      | C21013100013 | Procurement of Medicines /Surgical Items for Covid-19 patients at Area Hospital, Bellampalli   | 2021-22   | 3                | 2,00,000  | -  | -   | ongoing                                    |
| 8      | C21013200046 | Construction of class rooms and toilets blocks to Z.P.S Schools at Orregadda of Chennur constituency, certain works to urban park in Bellampalli | 2021-22   | 3                | 1,00,00,000                                     | 30,00,000  | 3,00,000  | ongoing                                    |


**9 (c) Details of CSR amount spent in the FY 2022-23 of the FY 2021-22 for which provision is made: Annexure-D**

| 1      | 2            | 3  | 4   | 5                | 6   | 7  | 8   | 9  |
|--------|--------------|--|---|------------------|---|--|---|--|
| Sl. No | Project ID   | Name of the project  | Financial Year in which the project was commenced | Project duration | Total amount allocated for the project (in Rs.) | Amount spent on the project in the reporting Financial Year (in Rs.) | Cumulative amount spent at the end of reporting Financial Year (in Rs.) | Status of the project - Completed /Ongoing |
| 9      | C21013400063 | Construction of drainage in Naspur Municipality of Mancherial District   | 2021-22   | 3                | 5,00,000  | -  | 1,50,000  | ongoing                                    |
| 10     | C21013400080 | Sanitation and health care facilities in Mancherial constituency.  | 2021-22   | 3                | 1,95,00,000                                     | 58,50,000  | 58,50,000   | ongoing                                    |
| 11     | C21021000105 | VOLVO Training to Un Employed Youth  | 2021-22   | 3                | 15,53,400                                       | -  | -   | ongoing                                    |
| 12     | C21021100018 | Providing dining hall & one number deep bore well at Zilla Parishad High School - Nacharam village, Dammapeta Mandal, Bhadradi kothagudem Telangana state              | 2021-22   | 3                | 14,00,000                                       | -  | -   | ongoing                                    |
| 13     | C21021100020 | Providing dining hall with kitchen at Zilla Parishad High School, old Centre, sathupalli and Kitchen shed for ZP High School, NTR Nagar Sathupalli of Khammam District | 2021-22   | 3                | 15,50,000                                       | 2,43,288   | 2,43,288  | ongoing                                    |
| 14     | C21021200082 | Providing coaching and study material to the unemployed youth in Yellandu Constituency   | 2021-22   | 3                | 12,00,000                                       | 12,00,000  | 12,00,000   | completed                                  |
| 15     | C21022000104 | Providing facilities to promote education in the Z.P.H.Schools of Shivampet and Chinna Gottimukla in Shivampet Mandal  | 2021-22   | 3                | 2,00,00,000                                     | -  | 60,00,000   | ongoing                                    |
| 16     | C21031300094 | Purchase of items required to set-up hostel for orphan children in Manuguru Area under CSR   | 2021-22   | 3                | 5,70,000  | -  | -   | ongoing                                    |



**9 (c) Details of CSR amount spent in the FY 2022-23 of the FY 2021-22 for which provision is made: Annexure-D**

| 1      | 2            | 3   | 4   | 5                | 6   | 7  | 8   | 9  |
|--------|--------------|---|---|------------------|---|--|---|--|
| Sl. No | Project ID   | Name of the project   | Financial Year in which the project was commenced | Project duration | Total amount allocated for the project (in Rs.) | Amount spent on the project in the reporting Financial Year (in Rs.) | Cumulative amount spent at the end of reporting Financial Year (in Rs.) | Status of the project - Completed /Ongoing |
| 17     | C21033400085 | Construction of Public Meeting Hall in Mancherial   | 2021-22   | 3                | 10,00,000                                       | 3,00,000   | 3,00,000  | ongoing                                    |
| 18     | C21039100083 | Construction of Mahila Bhavans in various villages of Chennur assembly Constituency   | 2021-22   | 3                | 1,05,00,000                                     | 31,50,000  | 31,50,000   | ongoing                                    |
| 19     | C21039100086 | Construction of mahila bhavans in various villages of Chennur   | 2021-22   | 3                | 1,00,00,000                                     | -  | -   | ongoing                                    |
| 20     | C21041300071 | Hiring of 1.00 Cum Shovel for de-silting including providing earthen bunds with excavated earth on either side of the Gundla Vaagu nalas at Paglderu village in Manuguru Mandal | 2021-22   | 3                | 3,00,000  | -  | -   | ongoing                                    |
| 21     | C21051200014 | Construction of Library Building in Mahabubabad district Head Quarters .  | 2021-22   | 3                | 60,00,000                                       | 59,82,124  | 59,82,124   | ongoing                                    |
| 22     | C21072300092 | Construction of pavillion gallery at college play ground in JNTUH Manthani.   | 2021-22   | 3                | 7,60,000  | 6,59,734   | 6,59,734  | completed                                  |
| 23     | C21101000072 | Rural Development works such as providing central lighting in Laxmidevipalli Mandal of Kothagudem Constituency  | 2021-22   | 3                | 2,00,00,000                                     | 60,00,000  | 1,20,00,000   | ongoing                                    |
| 24     | C21101100017 | Rural development works such as laying CC roads and side drains in the villages of Palair Assembly Constituency   | 2021-22   | 3                | 2,00,00,000                                     | 1,13,69,589  | 1,73,69,589   | ongoing                                    |


**9 (c) Details of CSR amount spent in the FY 2022-23 of the FY 2021-22 for which provision is made: Annexure-D**

| 1      | 2            | 3  | 4   | 5                | 6   | 7  | 8   | 9  |
|--------|--------------|--|---|------------------|---|--|---|--|
| Sl. No | Project ID   | Name of the project  | Financial Year in which the project was commenced | Project duration | Total amount allocated for the project (in Rs.) | Amount spent on the project in the reporting Financial Year (in Rs.) | Cumulative amount spent at the end of reporting Financial Year (in Rs.) | Status of the project - Completed /Ongoing |
| 25     | C21101100045 | Providing tarpaulins to old houses of the SC colony in Kistaram Villages   | 2021-22   | 3                | 6,56,000  | 4,16,793   | 4,16,793  | ongoing                                    |
| 26     | C21101100103 | Rural development projects in the villages of vemsoor and sathupalli Mandals   | 2021-22   | 3                | 2,00,00,000                                     | 58,50,000  | 58,50,000   | ongoing                                    |
| 27     | C21101200074 | Additional funds for providing internal CC roads, CC drains at Thadikalapudi, Taurya Thanda & Erya Thanda, Yellandu Area   | 2021-22   | 3                | 8,83,000  | -  | -   | ongoing                                    |
| 28     | C21101200079 | Rural development works in Yellandu constituency.  | 2021-22   | 3                | 2,00,00,000                                     | 60,00,000  | 60,00,000   | ongoing                                    |
| 29     | C21101300047 | Providing facilities like construction of community halls, dressing rooms, toilets for ladies and gents and railing for Divyangs (Physically Handicapped) to move towards the Godavari River at the villages of Kondaigudem, Ramanujavaram in Manuguru Area, Bhadradi Kothagudem | 2021-22   | 3                | 44,00,000                                       | 22,78,111  | 22,78,111   | ongoing                                    |
| 30     | C21101300061 | Widening of BT roads from Ambedkar center to Government Junior college with divider, paver blocks and central lighting in Manuguru   | 2021-22   | 3                | 2,00,00,000                                     | 1,06,99,821  | 1,66,99,821   | ongoing                                    |

**9 (c) Details of CSR amount spent in the FY 2022-23 of the FY 2021-22 for which provision is made: Annexure-D**

| 1      | 2            | 3   | 4   | 5                | 6   | 7  | 8   | 9  |
|--------|--------------|---|---|------------------|---|--|---|--|
| Sl. No | Project ID   | Name of the project   | Financial Year in which the project was commenced | Project duration | Total amount allocated for the project (in Rs.) | Amount spent on the project in the reporting Financial Year (in Rs.) | Cumulative amount spent at the end of reporting Financial Year (in Rs.) | Status of the project - Completed /Ongoing |
| 31     | C21102100016 | Rural Development works in Dharmannapet village of Dharmapuri assembly constituency   | 2021-22   | 3                | 2,00,00,000                                     | -  | 6,00,000  | ongoing                                    |
| 32     | C21102100019 | Rural Development works such as laying internal CC roads in Medipalli Village of Ramagundam Constituency                      | 2021-22   | 3                | 30,00,000                                       | 9,00,000   | 9,00,000  | ongoing                                    |
| 33     | C21102100078 | Rural development works in the villages of Jagtial and Peddapalli Districts.  | 2021-22   | 3                | 1,00,00,000                                     | 6,00,000   | 30,00,000   | ongoing                                    |
| 34     | C21102100084 | Construction of Multipurpose community hall in Siddipet   | 2021-22   | 3                | 2,00,00,000                                     | -  | 60,00,000   | ongoing                                    |
| 35     | C21102200049 | Construction of Bus Shelter in Dubbapalli village of Manthani Mandal  | 2021-22   | 3                | 3,19,000  | 1,83,600   | 1,83,600  | ongoing                                    |
| 36     | C21102300048 | Rural Development works in villages of Manthani Constituency  | 2021-22   | 3                | 2,00,00,000                                     | 1,40,00,000  | 2,00,00,000   | completed                                  |
| 37     | C21102300051 | Development works such as construction of bus shelter, new park in Ratnapur Village and avenue plantation in Ladnapur village | 2021-22   | 3                | 26,28,562                                       | 5,21,294   | 5,21,294  | ongoing                                    |
| 38     | C21102300054 | Rural Development works in villages of Manthani constituency  | 2021-22   | 3                | 2,00,00,000                                     | 80,00,000  | 1,40,00,000   | ongoing                                    |
| 39     | C21102300075 | Laying of approach road to agriculture fields in Uppatla village of Peddapalli District.                                      | 2021-22   | 3                | 10,00,000                                       | -  | -   | ongoing                                    |
| 40     | C21102400007 | Rural development works in Bhupalapally Assembly Constituency under SCCL CSR  | 2021-22   | 3                | 2,00,00,000                                     | 60,00,000  | 60,00,000   | ongoing                                    |


**9 (c) Details of CSR amount spent in the FY 2022-23 of the FY 2021-22 for which provision is made: Annexure-D**

| 1      | 2            | 3   | 4   | 5                | 6   | 7  | 8   | 9  |
|--------|--------------|---|---|------------------|---|--|---|--|
| Sl. No | Project ID   | Name of the project   | Financial Year in which the project was commenced | Project duration | Total amount allocated for the project (in Rs.) | Amount spent on the project in the reporting Financial Year (in Rs.) | Cumulative amount spent at the end of reporting Financial Year (in Rs.) | Status of the project - Completed /Ongoing |
| 41     | C21102400043 | Rural development works such as laying roads, borewells and construction of community halls in villages of Mulugu Assembly constituency   | 2021-22   | 3                | 1,00,00,000                                     | 22,96,296  | 52,96,296   | ongoing                                    |
| 42     | C21102400055 | Rural Development works in Rayaparthi and Peddavangara Mandals of Palakurthy Assembly Constituency  | 2021-22   | 3                | 2,00,00,000                                     | -  | 60,00,000   | ongoing                                    |
| 43     | C21102400095 | Rural development works in the villages of Bhupalpalli Constituency   | 2021-22   | 3                | 1,00,00,000                                     | 30,00,000  | 30,00,000   | ongoing                                    |
| 44     | C21103100035 | Rural development works in villages of Asifabad Assembly Constituency under SCCL CSR  | 2021-22   | 3                | 2,00,00,000                                     | 60,00,000  | 60,00,000   | ongoing                                    |
| 45     | C21103100052 | Rural development works in villages of Bellampalli assembly constituency  | 2021-22   | 3                | 2,00,00,000                                     | -  | 60,00,000   | ongoing                                    |
| 46     | C21109100033 | Infrastructure development works such as supply, erection, testing & commissioning of solar LED street lighting system for Godavari river approach road at surrounding villages of Singareni Thermal Power Project (STPP) | 2021-22   | 3                | 2,60,320  | 2,36,000   | 2,36,000  | ongoing                                    |
| 47     | C21992100053 | Laying CC roads, under ground drainages in various divisions of Ramagundam Municipal Corporation  | 2021-22   | 3                | 2,00,00,000                                     | 60,00,000  | 60,00,000   | ongoing                                    |
|        |              | <b>Total</b>  |   |                  | <b>41,26,95,282</b>                             | <b>11,20,95,929</b>  | <b>17,76,45,929</b>   |  |

**9 (C) Details of CSR amount in the FY 2022-23 of the FY 2020-21 for which provision is made: Annexure-E**

| 1      | 2            | 3   | 4   | 5                | 6   | 7   | 8   | 9  |
|--------|--------------|---|---|------------------|---|---|---|--|
| Sl. No | Project ID   | CSR activity  | Financial Year in which the project was commenced | Project duration | Total amount allocated for the project for the project (in Rs.) | Amount spent on the project in the reporting Financial Year(in Rs.) | Cumulative amount spent at the end of reporting Financial Year (in Rs.) | Status of the project - Completed/ ongoing |
| 1      | C20023400090 | Certain works such as construction of Library, additional class rooms, kitchen shed, toilets and compound walls to Govt Schools in Nirmal District. | 2020-21   |                  | 1,50,00,000   | 70,65,503   | 1,15,65,503   | ongoing                                    |
| 2      | C20101100051 | Laying BT roads in Kothagudem Constituency.   | 2020-21   |                  | 2,00,00,000   | 1,38,74,891   | 1,98,74,891   | ongoing                                    |
| 3      | C20012300087 | Procurement and commissioning of 1000 Litres/Hour RO plant at Akkepally village.  | 2020-21   |                  | 8,00,000  | -   | 2,06,500  | ongoing                                    |
| 4      | C20012300088 | Procurement and commissioning of 250 Litres/Hour RO plant at Mulkalapally village.  | 2020-21   |                  | 6,00,000  | 1,61,358  | 2,55,569  | ongoing                                    |
| 5      | C20012400074 | Preventive measures/ purchase of certain items about the pandemic CORONA Virus (Covid-19).  | 2020-21   |                  | 1,18,000  | -   | -   | ongoing                                    |
| 6      | C20012400014 | Procurement of Disposable items, Medicines etc. to meet the emergency situation arised due to COVID-19.   | 2020-21   |                  | 5,00,000  | -   | 4,78,767  | ongoing                                    |
| 7      | C20011300083 | Purchase of items required for preventive measures to be taken to curtail the spread of COVID-19 at Area Hospital, Manuguru.                        | 2020-21   |                  | 1,00,000  | -   | 93,802  | ongoing                                    |
| 8      | C20011100078 | Providing drinking water points during summer season in Sathupalli and surrounding villages of JVR Open Cast project.                               | 2020-21   |                  | 4,00,000  | -   | -   | ongoing                                    |


**9 (C) Details of CSR amount in the FY 2022-23 of the FY 2020-21 for which provision is made: Annexure-E**

| 1      | 2            | 3   | 4   | 5                | 6   | 7  | 8   | 9  |
|--------|--------------|---|---|------------------|---|--|---|--|
| Sl. No | Project ID   | CSR activity  | Financial Year in which the project was commenced | Project duration | Total amount allocated for the project for the project (in Rs.) | Amount spent on the project in the reporting Financial Year (in Rs.) | Cumulative amount spent at the end of reporting Financial Year (in Rs.) | Status of the project - Completed/ ongoing |
| 9      | C20101300084 | Development works such as construction of compound wall, repairs to School buildings in Bugga, Khammam Thogu villages and construction of water tank for school, bore hand pumps in Bugga village of Manuguru Area. | 2020-21   |                  | 13,00,000   | -  | -   | ongoing                                    |
| 10     | C20013100075 | COVID-19 – Catering food arrangements to quarantine center at Goleti.   | 2020-21   |                  | 2,06,459  | -  | 2,03,700  | ongoing                                    |
| 11     | C20013200082 | COVID-19 - Precautionary measures to control the spread of Novel Corona Virus (Covid-19).   | 2020-21   |                  | 3,00,000  | -  | 2,55,694  | ongoing                                    |
| 12     | C20011300085 | Procurement of masks to all the employees and their dependants of Manuguru Area in view of Covid-19.  | 2020-21   |                  | 3,45,000  | -  | 2,17,827  | ongoing                                    |
| 13     | C20013400091 | Providing 2 Nos of 3KL capacity tractor mounted tankers on hire basis for supply of drinking water to Guttedarpalli & Singapur villages for a period of six months.   | 2020-21   |                  | 5,00,000  | -  | -   | ongoing                                    |
| 14     | C20012300089 | Precautionary measures in view of Novel corona virus (Covid-19) – providing of masks, sanitizers etc. to each employee and their family members of Ramagundam-III Area.   | 2020-21   |                  | 2,00,000  | -  | 1,92,895  | ongoing                                    |

**9 (C) Details of CSR amount in the FY 2022-23 of the FY 2020-21 for which provision is made: Annexure-E**

| 1      | 2            | 3  | 4   | 5                | 6   | 7   | 8   | 9  |
|--------|--------------|--|---|------------------|---|---|---|--|
| Sl. No | Project ID   | CSR activity   | Financial Year in which the project was commenced | Project duration | Total amount allocated for the project for the project (in Rs.) | Amount spent on the project in the reporting Financial Year(in Rs.) | Cumulative amount spent at the end of reporting Financial Year (in Rs.) | Status of the project - Completed/ ongoing |
| 15     | C20022300073 | Providing Initial Medical Examination and imparting training free of cost to the Project Displaced Families/ Project Affected Families of Adriyala Project Area. | 2020-21   |                  | 7,32,000  | -   | -   | ongoing                                    |
| 16     | C20021100079 | Construction of shed at ZP high school, NTR Nagar, Sathupalli.   | 2020-21   |                  | 9,00,000  | -   | -   | ongoing                                    |
| 17     | C20012200072 | Procurement and fixing of 500 LPH RO plant at Penchikalpet village.  | 2020-21   |                  | 3,00,000  | 1,11,510  | 2,55,894  | ongoing                                    |
| 18     | C20013100076 | Drilling 5 Nos of hand borewells in Goleti Gramapanchayat.   | 2020-21   |                  | 5,00,000  | 1,94,105  | 1,94,105  | ongoing                                    |
| 19     | C20021200092 | Construction of Library building in Mahabubabad District Head Quarters.  | 2020-21   |                  | 1,00,00,000   | 14,64,100   | 1,00,00,000   | completed                                  |
| 20     | C20102300012 | Laying CC roads, community halls, central lighting system and underground drainages in various villages of Manthani assembly constituency.                       | 2020-21   |                  | 1,50,00,000   | 45,00,000   | 1,50,00,000   | completed                                  |
| 21     | C20101100080 | Construction of Panchayat Office building at Kistaram village & Gramapanchayat of Sathupalli Mandal.   | 2020-21   |                  | 25,00,000   | -   | -   | ongoing                                    |
| 22     | C20101100081 | Supply of LED street lights to Kistaram, Rejerla etc. villages of Sathupalli Mandal.   | 2020-21   |                  | 10,00,000   | -   | -   | ongoing                                    |


**9 (C) Details of CSR amount in the FY 2022-23 of the FY 2020-21 for which provision is made: Annexure-E**

| 1      | 2            | 3   | 4   | 5                | 6   | 7  | 8   | 9  |
|--------|--------------|---|---|------------------|---|--|---|--|
| Sl. No | Project ID   | CSR activity  | Financial Year in which the project was commenced | Project duration | Total amount allocated for the project for the project (in Rs.) | Amount spent on the project in the reporting Financial Year (in Rs.) | Cumulative amount spent at the end of reporting Financial Year (in Rs.) | Status of the project - Completed/ ongoing |
| 23     | C20101100021 | Providing bore wells, tree guards and LED/ tube lights for street lighting etc. in the surrounding Grama panchayats of VK-7 Mine and GKOC project of Kothagudem Area.   | 2020-21   |                  | 60,00,000   | 22,42,591  | 51,96,398   | ongoing                                    |
| 24     | C20012400013 | Drilling of bore well at Gaddiganipalli village (Project affected area) near KTKOC-II project, Bhupalpalli. Additional fund   | 2020-21   |                  | 26,405  | -  | -   | ongoing                                    |
| 25     | C20012400041 | Drilling of 15 Nos bore wells in KTKOC-II, KTKOC-III project affected villages and Bhupalpalli Municipality under CSR.  | 2020-21   |                  | 34,00,000   | -  | 23,11,180   | ongoing                                    |
| 26     | C20101100080 | Construction of Panchayat Office building and Primary Agricultural Co-operative Society building with godown at Kistaram village & Gramapanchayat of Sathupalli Mandal. | 2020-21   |                  | 75,00,000   | -  | -   | ongoing                                    |
| 27     | C20019100031 | Maintenance and repairs to Community Health Center building at Chennur.   | 2020-21   |                  | 35,00,000   | 14,69,652  | 21,95,831   | ongoing                                    |
| 28     | C20021200002 | Providing dual desk benches with back rest and repairs for two sheds of Govt Junior College, Karepally Mandal of Khammam District.                                      | 2020-21   |                  | 4,18,000  | 1,44,988   | 3,81,988  | ongoing                                    |



**9 (C) Details of CSR amount in the FY 2022-23 of the FY 2020-21 for which provision is made: Annexure-E**

| 1      | 2            | 3  | 4   | 5                | 6   | 7   | 8   | 9  |
|--------|--------------|--|---|------------------|---|---|---|--|
| Sl. No | Project ID   | CSR activity   | Financial Year in which the project was commenced | Project duration | Total amount allocated for the project for the project (in Rs.) | Amount spent on the project in the reporting Financial Year(in Rs.) | Cumulative amount spent at the end of reporting Financial Year (in Rs.) | Status of the project - Completed/ ongoing |
| 29     | C20991000071 | Infrastructure and other development works such as Community halls, additional class rooms, library building, greenery development etc. in the villages of Suryapet and Athmakur Mandals of Suryapet District. | 2020-21   |                  | 1,00,00,000   | 70,00,000   | 1,00,00,000   | completed                                  |
| 30     | C20072100086 | Development of Ambedkar Stadium in Metpally Mandal of Jagtial District.  | 2020-21   |                  | 50,00,000   | -   | 15,00,000   | ongoing                                    |
| 31     | C20022000011 | Providing infrastructure facilities for Three(3) classrooms along with restrooms for Undergraduate programme at Dept. of ECE(A), Osmania University of Hyderabad.  | 2020-21   |                  | 50,00,000   | -   | 15,00,000   | ongoing                                    |
| 32     | C20051200093 | Purchase of books, magazines and other study material for Yellandu Library.  | 2020-21   |                  | 5,00,000  | -   | -   | ongoing                                    |
| 33     | C20013100077 | Drinking water facility, sanitation and internal roads in Bellampalli constituency.  | 2020-21   |                  | 10,00,000   | -   | -   | ongoing                                    |
| 34     | C20032400061 | Maintenance of CCTV cameras installed in central Zone Warangal City Limits for safety and security of public.  | 2020-21   |                  | 10,00,000   | 10,00,000   | 10,00,000   | completed                                  |
|        |              | <b>Total</b>   |   |                  | <b>11,46,45,864</b>   | <b>3,92,28,698</b>  | <b>8,28,80,544</b>  |  |


**9 (c) Details of CSR amount spent in the FY 2022-23 of the FY 2019-20 for which provision is made: Annexure-F**

| 1     | 2            | 3  | 4   | 5                | 6   | 7  | 8   | 9  |
|-------|--------------|--|---|------------------|---|--|---|--|
| S. No | Project ID   | Name of the Project  | Financial Year in which the project was commenced | Project duration | Total amount allocated for the project for the project (in Rs.) | Amount spent on the project in the reporting Financial Year (in Rs.) | Cumulative amount spent at the end of reporting Financial Year (in Rs.) | Status of the project - Completed/ ongoing |
| 1     | C19101100098 | Supply of LED street lights under CSR to Kakarla-palli, Lingapalem, Kotha Lankapalli and Thallamada villages of Sathupalli.  | 2019-20   |                  | 9,75,000  | -  | 8,61,836  | ongoing                                    |
| 2     | C19021100064 | Providing of textbooks, shoes, belts etc. for 45 poor students of Mandal Parishad Primary School of Kistaram (v), Sathupalli.  | 2019-20   |                  | 50,000  | 12,300   | 49,800  | ongoing                                    |
| 3     | C19101100065 | Renovation of conference hall in 1st floor of Nyaya Seva Sadan, Building in the District Court Complex, Khammam.   | 2019-20   |                  | 12,50,000   | -  | 10,94,075   | ongoing                                    |
| 4     | C19101100065 | Certain additional enhanced work for renovation of conference hall in first floor of Nyaya Seva Sadan building in District Court Complex, Khammam.                               | 2019-20   |                  | 2,50,000  | -  | -   | ongoing                                    |
| 5     | C19021100066 | Providing financial aid towards payment of Honorarium for hired Hindi Teacher of Z.P.S.School Rejerla village, Sathupalli Mandal.  | 2019-20   |                  | 60,000  | 30,000   | 50,000  | ongoing                                    |
| 6     | C19021100067 | Providing CC path ways, renovation of girls toilets, extension of store shed, seating for dining, water supply arrangements etc. to Govt. School at Rejarla village, Sathupalli. | 2019-20   |                  | 14,00,000   | 9,12,940   | 9,12,940  | ongoing                                    |
| 7     | C19101100068 | Renovation/repair works to community hall such as CC path way, toilet repair, wall over the stage, water supply arrangements etc. at Ambedkar Colony, Penagadapa village.        | 2019-20   |                  | 7,85,000  | -  | 7,09,535  | ongoing                                    |

**9 (c) Details of CSR amount spent in the FY 2022-23 of the FY 2019-20 for which provision is made: Annexure-F**

| 1     | 2            | 3   | 4   | 5                | 6   | 7  | 8   | 9  |
|-------|--------------|---|---|------------------|---|--|---|--|
| S. No | Project ID   | Name of the Project   | Financial Year in which the project was commenced | Project duration | Total amount allocated for the project for the project (in Rs.) | Amount spent on the project in the reporting Financial Year (in Rs.) | Cumulative amount spent at the end of reporting Financial Year (in Rs.) | Status of the project - Completed/ ongoing |
| 8     | C19101100054 | Laying CC roads in villages and Mandals of Sathupalli Assembly constituency.  | 2019-20   |                  | 2,00,00,000   | 1,12,58,056  | 1,72,58,056   | ongoing                                    |
| 9     | C19043200069 | Raising and first year maintenance of Avenue plantations (8.0 Km) with tall plants along the Internal roads & Approach roads of Amma garden area  | 2019-20   |                  | 1,16,00,000   | -  | 56,36,240   | ongoing                                    |
| 10    | C19103200070 | Construction of integrated market at Chennur Municipality of Chennur Assembly Constituency.   | 2019-20   |                  | 1,50,00,000   | -  | -   | ongoing                                    |
| 11    | C19103200071 | Development works such as CC/BT Roads, Construction of open GYM, providing Hy-Mast Solar light, planting trees in Bellampalli Assembly Constituency   | 2019-20   |                  | 2,00,00,000   | 83,16,320  | 1,52,63,438   | ongoing                                    |
| 12    | C19019100072 | Drilling bore wells in the surrounding villages of Singareni Thermal Power Project under CSR programme.   | 2019-20   |                  | 49,54,000   | -  | 28,84,789   | ongoing                                    |
| 13    | C19029100073 | Imparting Fireman Training Course to land losers/locals of Singareni Thermal Power Project through Telangana State Fire Service Training Institute, Hyderabad.  | 2019-20   |                  | 10,53,384   | -  | 3,76,300  | ongoing                                    |
| 14    | C19109100074 | Providing of central lighting and central divider on old NH road from Ginning Mill to IB from KM 205/120 to 205/600 and central lighting from IB to Ambedkar Chowrastha from KM 0/0 to 0/100 in Chennur town & Providing of central lighting from IB to Ambedkar Chowrastha from KM 0/100 to 0/600 in Chennur town. | 2019-20   |                  | 50,00,000   | -  | -   | ongoing                                    |


**9 (c) Details of CSR amount spent in the FY 2022-23 of the FY 2019-20 for which provision is made: Annexure-F**

| 1     | 2            | 3   | 4   | 5                | 6   | 7  | 8   | 9  |
|-------|--------------|---|---|------------------|---|--|---|--|
| S. No | Project ID   | Name of the Project   | Financial Year in which the project was commenced | Project duration | Total amount allocated for the project for the project (in Rs.) | Amount spent on the project in the reporting Financial Year (in Rs.) | Cumulative amount spent at the end of reporting Financial Year (in Rs.) | Status of the project - Completed/ ongoing |
| 15    | C19102100077 | Development works such as laying roads, drilling bore wells, installation of R.O. Plants, providing tube lights etc., around neighbouring villages of Ramagundam-I Area under CSR Programme.      | 2019-20   |                  | 31,50,000   | -  | 20,39,211   | ongoing                                    |
| 16    | C19102100106 | Providing ground levelling work & parade wall constructin etc. for new parade ground and furniture for Police Stations in Ramagundam Police Commissionerate.                                      | 2019-20   |                  | 20,00,000   | -  | 20,00,000   | ongoing                                    |
| 17    | C19022100061 | Construction of Additional Class rooms and additional toilets in Z.P. High Schools of Dharmapuri assesbly constituency  | 2019-20   |                  | 2,00,00,000   | 1,40,00,000  | 2,00,00,000   | ongoing                                    |
| 18    | C19102100062 | Laying of CC roads and construction of underground drainages in various divisions of Ramagundam Muicipal Corporation  | 2019-20   |                  | 2,00,00,000   | 10,00,000  | 1,50,66,667   | ongoing                                    |
| 19    | C19103100078 | Infrastructure development works such as Roads, Borewells, Toilets and Washrroms in the surrounding villages of Bellampally Area  | 2019-20   |                  | 1,600,000   | -  | -   | ongoing                                    |
| 20    | C19103100079 | Development works such as Laying of CC Roads, Side drains, Construction of Bus shelters, Community Halls and providing compound walls, Kitchen Sheds to schools in Asifabad Assembly constituency | 2019-20   |                  | 2,00,00,000   | -  | 59,85,000   | ongoing                                    |

**9 (c) Details of CSR amount spent in the FY 2022-23 of the FY 2019-20 for which provision is made: Annexure-F**

| 1     | 2            | 3   | 4   | 5                | 6   | 7  | 8   | 9  |
|-------|--------------|---|---|------------------|---|--|---|--|
| S. No | Project ID   | Name of the Project   | Financial Year in which the project was commenced | Project duration | Total amount allocated for the project for the project (in Rs.) | Amount spent on the project in the reporting Financial Year (in Rs.) | Cumulative amount spent at the end of reporting Financial Year (in Rs.) | Status of the project - Completed/ ongoing |
| 21    | C19103400080 | Construction of CC roads and supply of Furniture for publice meeting hall in Hon'ble MLA Camp Office in Mancherial  | 2019-20   |                  | 21,33,900   | -  | 20,26,077   | ongoing                                    |
| 22    | C19103400081 | Laying of CC Roads, Construction of side drains, bus shelters,toilets and providing water supply arrangements,hymast lighting etc in villages and Mancherial town of mancherial assembly constituency | 2019-20   |                  | 1,80,00,000   | 23,40,697  | 1,32,41,851   | ongoing                                    |
| 23    | C19013400083 | Providing repairs to wash rooms at Upper primary school of Tekumetla(v) of Jaipur(m),Mancherial Dist,TS. Provision made Rs. 35400.00 doc. no.21037416,dt.31.3.2020                                    | 2019-20   |                  | 3,20,000  | -  | 2,10,431  | ongoing                                    |
| 24    | C19073400104 | Support to Telangana State level Badminton Association for organising Tournament at Mancherial town   | 2019-20   |                  | 1,50,000  | -  | -   | ongoing                                    |
| 25    | C19011200085 | Providing 20 bore wells for drinking water in the surrounding villages of Koyagudem Open Cast Project-III and Thadikalapudi Railway siding of Yellandu Area.  | 2019-20   |                  | 16,00,000   | -  | -   | ongoing                                    |
| 26    | C19011200086 | Providing of R.O plant one each at Erya and Thavurya Thandas.   | 2019-20   |                  | 4,00,000  | -  | -   | ongoing                                    |
| 27    | C19101200087 | Providing certain infrastructure facilities such as roads, bore wells, R.O plants etc. at Thadikalapudi village, near Yellandu. (8700012619)  | 2019-20   |                  | 53,90,000   | 30,23,691  | 38,06,607   | ongoing                                    |


**9 (c) Details of CSR amount spent in the FY 2022-23 of the FY 2019-20 for which provision is made: Annexure-F**

| 1     | 2            | 3   | 4   | 5                | 6   | 7  | 8   | 9  |
|-------|--------------|---|---|------------------|---|--|---|--|
| S. No | Project ID   | Name of the Project   | Financial Year in which the project was commenced | Project duration | Total amount allocated for the project for the project (in Rs.) | Amount spent on the project in the reporting Financial Year (in Rs.) | Cumulative amount spent at the end of reporting Financial Year (in Rs.) | Status of the project - Completed/ ongoing |
| 28    | C19101200051 | Development activities such as renovation works and providing toilets in Govt. Junior and Degree colleges of Yellandu - Providing R.O mineral water plant at Old bus stand, Yellandu and at Bethampudi Darga, Tekulapalli Mandal. | 2019-20   |                  | 20,00,000   | 6,11,358   | 12,08,358   | ongoing                                    |
| 29    | C19101200053 | Providing infrastructure for the public/visitors at Hon'ble MLA camp office, Yellandu Constituency.   | 2019-20   |                  | 20,00,000   | 6,31,921   | 12,28,921   | ongoing                                    |
| 30    | C19101200052 | Construction of stone masonry dividers and providing central lighting in Tekulapally Mandal headquarters limits on Tekulapally – Gundala road from KM 0/0 – 1/0 in Bhadradi Kothagudem District.                                  | 2019-20   |                  | 1,04,00,000   | 69,34,249  | 1,00,54,249   | ongoing                                    |
| 31    | C19041300088 | Providing of tree guards for avenue plantation in different parts of Manuguru and surrounding villages.   | 2019-20   |                  | 15,00,000   | -  | 5,90,000  | ongoing                                    |
| 32    | C19041300089 | Plantation at Govt.ITI campus and Court campus, Manuguru under CSR.   | 2019-20   |                  | 1,00,000  | -  | -   | ongoing                                    |
| 33    | C19041300031 | Providing Iron fencing with Main gate around the premises of Court of Judicial Magistrate of First Class, Manuguru to safe guard the plants and to fill up the OB in the premises of the Court for plantation.                    | 2019-20   |                  | 5,00,000  | -  | 2,03,610  | ongoing                                    |
| 34    | C19011300090 | Providing washrooms for the public/visitors at Hon'ble MLA camp office, Pinapaka Constituency.  | 2019-20   |                  | 5,00,000  | -  | 2,23,574  | ongoing                                    |

**9 (c) Details of CSR amount spent in the FY 2022-23 of the FY 2019-20 for which provision is made: Annexure-F**

| 1     | 2            | 3  | 4   | 5                | 6   | 7  | 8   | 9  |
|-------|--------------|--|---|------------------|---|--|---|--|
| S. No | Project ID   | Name of the Project  | Financial Year in which the project was commenced | Project duration | Total amount allocated for the project for the project (in Rs.) | Amount spent on the project in the reporting Financial Year (in Rs.) | Cumulative amount spent at the end of reporting Financial Year (in Rs.) | Status of the project - Completed/ ongoing |
| 35    | C19101300001 | Construction of CC roads and side drains in Grama-panchayats of Manuguru Mandal, Pinapaka Assembly constituency.   | 2019-20   |                  | 1,91,00,000   | 20,89,419  | 1,85,99,799   | ongoing                                    |
| 36    | C19012400095 | Providing drinking water facility to the villages of Baswarajpalli, Dharmaraopet, Venkateswarpalli, Parshurampalli, Nagarampalli and Gollapalli including their Hamlets of Bhupalpalli during summer period (01.04.2019 to 30.06.2019) by hired tractor tankers under CSR.             | 2019-20   |                  | 36,00,000   | -  | 7,44,982  | ongoing                                    |
| 37    | C19012400099 | Extending ophthalmology services such as cataract surgeries and providing spectacles to people of surrounding villages of KTK-OC-III project, Bhupalpalli Area.  | 2019-20   |                  | 4,58,000  | -  | 39,600  | ongoing                                    |
| 38    | C19102400011 | Development works such as construction of bus shelter, LED street lighting and furniture to school building etc. at project affected villages of KTK OC-III Project (Baswarajupalli and Parasurampalli) hamlet of Dharmaraopet village, Ghanpur (M), Jayashankar Bhupalpalli District. | 2019-20   |                  | 50,00,000   | 11,13,955  | 49,98,516   | ongoing                                    |
| 39    | C19022400012 | Providing basic amenities and infrastructure such as painting to school, construction of stage, fans, chairs, tables and R.O plants etc. to the ZP High School, Jangedu village near to KTKOC-II project, Bhupalpalli Area.  | 2019-20   |                  | 9,65,000  | -  | 8,45,313  | ongoing                                    |


**9 (c) Details of CSR amount spent in the FY 2022-23 of the FY 2019-20 for which provision is made: Annexure-F**

| 1     | 2            | 3   | 4   | 5                | 6   | 7  | 8   | 9  |
|-------|--------------|---|---|------------------|---|--|---|--|
| S. No | Project ID   | Name of the Project   | Financial Year in which the project was commenced | Project duration | Total amount allocated for the project for the project (in Rs.) | Amount spent on the project in the reporting Financial Year (in Rs.) | Cumulative amount spent at the end of reporting Financial Year (in Rs.) | Status of the project - Completed/ ongoing |
| 40    | C19992400022 | Construction of swimming pool for sports persons behind Bus depot of Bhupalpally town and construction of public review meeting hall over MLA camp office building at Bhupalpally.  | 2019-20   |                  | 1,50,00,000   | 1,07,71,766  | 1,46,47,103   | ongoing                                    |
| 41    | C19101300093 | Providing LED lights for SCCL project affected villages of Ramagiri Mandal.   | 2019-20   |                  | 5,00,000  | -  | -   | ongoing                                    |
| 42    | C19042300021 | Development of greenery in Manthani Municipality by SCCL through raising of avenue plantation in all the approach roads/internal roads, beautification of medians & landscaping of traffic islands and strip plantation in vacant patches during 2019 planting season | 2019-20   |                  | 2,46,00,000   | 47,02,707  | 1,94,70,093   | ongoing                                    |
| 43    | C19102300013 | Certain works such as providing furniture, solar system to Anganwadi schools, and community halls in various Mandals of Manthani Constituency.  | 2019-20   |                  | 1,50,00,000   | 60,00,000  | 1,05,00,000   | ongoing                                    |
|       |              | <b>Total</b>  |   |                  | <b>27,83,44,284</b>   | <b>7,37,27,433</b>   | <b>19,28,05,025</b>   |  |





**Free Vocational Training programs conducted for unemployed tribal youth near Singareni Areas by Singareni Sewa Samiti**

**Women Empowerment : Various self employment training programs conducted for women**



**Roads and street lighting provided under CSR activities**



## Annexure-II

## Form No: AOC-2

[Pursuant to Clause (h) of sub-Section(3) of Section 134 of the Act and Rule 8(2) of the Companies (Accounts) Rules, 2014]

Form for disclosure of particulars of contracts/ arrangements entered into by the Company with related parties referred to in sub-Section (1) of Section 188 of the Companies Act, 2013 including certain arms length transactions under third proviso thereto.

1. Name of the related party and nature of relationship:  
Andhra Pradesh Heavy Machinery & Engineering Limited - Subsidiary Company.

**2. Details of contracts, value, duration of the contract from 1.4.2022 to 31.3.2023 at arms length basis;**

| Date of contract/ order | Description of contract/ order  | Nature & duration of contract             | Net Value (Rs.)        | manner of determination of price        |
|-------------------------|---|---|------------------------|---|
| 1                       | Orders / contracts placed for purchase of various equipment, spares, services at different dates during 2022-23 | Each order / contract has separate period | 23,55,61,641.21        | Orders against open tenders on L1 basis |
| 2                       | Orders / contracts placed for purchase of various equipment, spares, services at different dates during 2022-23 | Each order / contract has separate period | 7,98,94,961.27         | Orders on proprietary basis             |
| <b>Total</b>            |   |   | <b>31,54,56,602.48</b> |   |

**3. Details of contracts, value, duration of the contract from 1.4.2022 to 31.3.2023 not at arms length basis;**

| Date of contract/ order | Description of contract/ order  | Nature & duration of contract             | Net Value      | manner of determination of price |
|-------------------------|---|---|----------------|----------------------------------|
| 1                       | Orders / contracts placed for purchase of various equipment, spares, services at different dates during 2022-23 | Each order / contract has separate period | 6,01,04,571.03 | Orders on nomination basis       |

**4. Date of approval of Board for transactions not on arm's length basis:**

29.07.2022 & 14.07.2023

**5. Amount paid as advance, if any :**

**NIL**

**6. Date on which the special resolution was passed in general meeting as required under first proviso to Section 188:**

Not applicable

**7. Justification for above contracts / orders :**

APHMEL is a subsidiary company of the SCCL.

Sd/-

Chairman & Managing Director

Date : 14.07.2023

Place : Hyderabad.



**K. V. CHALAMA REDDY**

*B.Sc., LL.B., F.C.S.,*

Practising Company Secretary

M. No.: F 9268, C.P.No.5451

Plot No. 8-2-603/23/3 & 8-2-603/23, 15,  
02<sup>nd</sup> Floor, HSR Summit, Banjara Hills,  
Road No. 10, Hyderabad -500034

Ph: 9848014503

e-mail: kvcr133@gmail.com

**SECRETARIAL AUDIT REPORT  
FOR THE FINANCIAL YEAR ENDED 31-3-2023**

**FORM NO. MR .3**

*(Pursuant to Section 204 (1) of the Companies Act, 2013 and Rule 9 of the Companies (Appointment and Remuneration of Managerial Personnel) Rules, 2014)*

To

The Members,

***The Singareni Collieries Company Limited,***

Kothagudem Collieries.

I have conducted Secretarial Audit pursuant to Section 204 of the Companies Act 2013, on the compliance of applicable Statutory Provisions and the adherence to good corporate practices by The Singareni Collieries Company Limited, (hereinafter called as “the Company”). Secretarial Audit was conducted in a manner that provided us a reasonable basis for evaluating the corporate conducts/statutory compliances and expressing our opinion thereon.

1. Based on our verification of the books, papers, minute books, forms, returns filed and other records maintained by the Company and also the information and according to the examinations carried out by me and explanations furnished and representations made to me by the Company, its officers, agents and authorized representatives during the conduct of Secretarial Audit, I hereby report that in my opinion, the Company has during the audit period covering the Financial Year ended on 31<sup>st</sup> March, 2023 complied with the statutory provisions listed hereunder and also that the Company has proper Board-processes and compliance-mechanism in place to the extent, in the manner and subject to the reporting made hereinafter.
2. I have examined the books, papers, minute books, forms and returns filed and other records maintained by the Company for the financial year ended on 31<sup>st</sup> March, 2023 (“Audit Period”) according to the provisions of:
  - i. The Companies Act, 2013 (the Act) and the rules made thereunder;
  - ii. The Depositories Act, 1996 and regulations made thereunder ;
  - iii. Foreign Exchange Management Act, 1999 and the rules and regulations made thereunder to the extent of Foreign Direct Investment, Overseas Direct Investment and External Commercial Borrowings - *Not Applicable during the audit period.*
  - iv. The Securities Contracts (Regulation) Act, 1956 and rules made thereunder: *Not applicable being the unlisted Company.*
  - v. The Regulations and Guidelines prescribed under the Securities and Exchange Board of India Act, 1992 (“SEBI Act”): *Not applicable being the unlisted Company.*
  - vi. The Company is into the business of mining and sale of coal, power generation and sale. Accordingly, the following major industry specific Acts and Rules are applicable to the Company, in view of the Management:



- a. Mines Act, 1952 and Rules & regulations made thereunder.
  - b. Coal Mines Provident Fund & Miscellaneous Provisions Act, 1948.
  - c. The Environment (Protection) Act, 1986.
  - d. The Forest (Conservation) Act, 1980.
  - e. Mines and Minerals (Development & Regulation) Act, 1957 and Rules & Regulations made thereunder.
  - f. Cess and other Taxes on Minerals (Validation) Act, 1992.
  - g. The Coal Mines (Nationalization) Act, 1973.
  - h. Coal Mines Pension Scheme, 1998.
  - i. Land Acquisition Act, 1894.
  - j. The Right to Fair Compensation and Transparency in Land Acquisition, Rehabilitation and Resettlement Act, 2013.
  - k. Essential Services Maintenance Act, 1971
  - l. Mines and Minerals Act 1957 and Rules & regulations made thereunder.
  - m. Explosive Substance Act, 1908 and Rules & regulations made thereunder.
  - n. The Coal Bearing Areas Act, 1957.
  - o. National Minerals Policy, 1993.
  - p. Coal Mines Conservation and Development Act, 1974 and Rules & regulations made thereunder.
  - q. The Explosives Act, 1884 and Rules and notifications made thereunder.
  - r. The Electricity Act, 2003 and Rules & regulations made thereunder.
- vii. I have also examined compliance with Secretarial Standards issued by the Institute of Company Secretaries of India in respect of Board and General Meeting(s) of the Company.
- viii. During the period under review, the Company has complied with the provisions of the applicable Acts, Rules, Regulations, and Guidelines etc. as mentioned above except to the extent as mentioned below:
- a. ***The Company has not appointed requisite number of Independent Directors as prescribed under the provisions of Sub-section (4) of Section 149 of the Companies Act, 2013.***  
***In this regard the management informed that vide Notification No.GSR 163 (E) dt.5<sup>th</sup> June, 2015 of Ministry of Corporate Affairs, Govt. of India, the responsibility for appointment of Independent Directors on the Board of Govt. Companies was shifted from Board of Directors of the Company to Ministry or Department of the Central / State Government, as the case may be.***
  - b. ***The Company has Audit Committee without Independent directors as prescribed under the provisions of Section 177 of the Companies Act, 2013.***
  - c. ***The Company has constituted Corporate Social Responsibility (C S R) Committee without Independent director as prescribed under the provisions of Section 135 of the Companies Act, 2013.***
  - d. ***Vide Lr.No.21/3/2011-ASO/BA/Estt, dt.22.02.2023 Ms. Santosh, Deputy Director General, MoC, Govt., of India was appointed as part-time Director on the Board of SCCL. As such, the provisions of 2nd proviso to Section 149 of the Act, read with Rule 3 of the Companies (Appointment and Qualification of Directors) Rules 2014, SCCL regarding appointment of one Woman Director has been complied w.e.f 22.02.2023.***



- e. **The Company has not constituted Nomination and Remuneration Committee as prescribed under the provisions of Section 178 of the Companies Act, 2013.**
- f. **SCCL has been complying with the provisions of EIA Notification, 2006, its subsequent amendments and obtaining Environmental Clearance from MoEF&CC, New Delhi for New / Expansion / Modernization of Coal Mining Projects. Some of the Mines are under violation category for which regularisation is under process.**

**3. I, further report that:**

- a. The Board of Directors of the Company is constituted with executive and non-executive directors without requisite number of independent directors as stated elsewhere in the report. The changes in the composition of the Board of Directors that took place during the year under review were carried out in compliance with the provisions of the Act.
- b. Adequate Notice is given to all the Directors to schedule the Board Meetings, agenda and detailed notes on agenda were sent at least 7 days in advance. Wherever the notes on agenda were sent with less than 7 days prior to the meeting, the same were taken up by the Board for consideration with the consent of all Members present in the meeting and permission of the Chairman & Managing Director of the Company. There is adequate system for seeking and obtaining further information and clarifications on the agenda items before the meeting and meaningful participation at the meeting. Board decisions are carried through unanimously except in the following proposals for which views of dissenting members are captured and recorded;
  - i. In the 561<sup>st</sup> meeting held on 08.04.2022, for Item No: 561:5.14 i.e., Amendment to Rule No.6(c) (ii) & 6(c) (iii) with regard to Local reservation in recruitments pertaining to Executive cadre and Non-Executive cadre posts.
  - ii. In the 563<sup>rd</sup> meeting held on 29.07.2022, for Item No: 563:5.14 i.e., to pay management's contribution towards CMPF @12% during 61st year and to pay the same to the employees on attaining the age of superannuation of 61 years and for Item No: 563:5.15 i.e., waiver of interest of Rs.1232 Crores as on 31.05.2022 on delayed payments of dues by TSGENCO.
  - iii. In the 565<sup>th</sup> meeting held on 08.12.2022, for Item No: 565:4.1 i.e., Payment of Special Incentive @ 30% of net profit for the financial year 2021-22 and for Item No: 565:5.17 i.e., Implementation of 10% reservations for Scheduled Tribes in recruitments and promotions in accordance with the Telangana State GO Ms. No.33 dated 30.09.2022.
4. I, further report that there exists adequate systems and processes in the Company that are commensurate with the size and operations of the Company to monitor and ensure compliance with all applicable laws, rules, regulations and guidelines.
5. I, further report that during the audit period, there were no specific events/actions having a major bearing on the Company's affairs in pursuance of the above referred laws, rules, standards etc., referred above.

Sd/-

**(K.V. Chalama Reddy)**

Practising Company Secretary

M.No: F 9268, C.P.No.: 5451.

PR No.:2301/2022

UDIN Number : F009268E000864892

Place : Hyderabad

Date : 25.08.2023

This report is to be read with my letter of even date which is given as Annexure 'A' and forms an integral part of this report.

**Annexure-A**

To,  
The Members,  
***The Singareni Collieries Company Limited.,***  
Kothagudem Collieries.

My report of even date is to be read along with this letter.

1. Maintenance of secretarial records is the responsibility of the management of the Company. My responsibility is to express an opinion on these secretarial records based on our audit.
2. I have followed the audit practices and processes as were appropriate to obtain reasonable assurance about the correctness of the contents of the Secretarial records. The verification was done on test basis to ensure that correct facts are reflected in secretarial records. I believe that the processes and practices, I followed provide reasonable basis for our opinion.
3. I have not verified the correctness and appropriateness of financial records and Books of Accounts of the company.
4. Wherever required, I have obtained the Management representation about the compliance of laws, rules and regulations and happening of events etc.
5. The compliance of the provisions of Corporate and other applicable laws, rules, regulations, standards is the responsibility of management. Our examination was limited to the verification of procedures on test basis.
6. The Secretarial Audit report is neither an assurance as to the future viability of the Company nor of the efficacy or effectiveness with which the management has conducted the affairs of the company.

Sd/-

**(K.V.Chalama Reddy)**

Practising Company Secretary

M.No: F 9268, C.P.No.: 5451.

PR No.:2301/2022

UDIN Number : F009268E000864892

Place : Hyderabad

Date : 25.08.2023



## Management replies to the observations of Secretarial Auditor in his report for the year 2022-23

| <b>Secretarial Auditor's Report</b><br><i>(Pursuant to Section 204 (1) of the Companies Act, 2013 and the Rule 9 of the Companies (Appointment and Remuneration of Managerial Personnel) Rules, 2014)</i>   | <b>Management reply on the audit observations</b><br><i>(Under Section 134(3)(f)(ii) of the Companies Act, 2013)</i> |
|---|--|
| To<br>The Members,<br><b>The Singareni Collieries Company Limited,</b><br>Kothagudem Collieries.  |  |
| I have conducted Secretarial Audit pursuant to Section 204 of the Companies Act 2013, on the compliance of applicable Statutory Provisions and the adherence to good corporate practices by The Singareni Collieries Company Limited., (hereinafter called as "the Company"). Secretarial Audit was conducted in a manner that provided us a reasonable basis for evaluating the corporate conducts/ statutory compliances and expressing our opinion thereon.  | --   |
| 1. Based on our verification of the books, papers, minutes books, forms, returns filed and other records maintained by the Company and also the information and according to the examinations carried out by me and explanations furnished and representations made to me by the Company, its officers, agents and authorized representatives during the conduct of Secretarial Audit, I hereby report that in my opinion, the Company has during the audit period covering the Financial Year ended on 31 <sup>st</sup> March, 2023 complied with the statutory provisions listed hereunder and also that the Company has proper Board-processes and compliance-mechanism in place to the extent, in the manner and subject to the reporting made hereinafter. | --   |
| 2. I have examined the books, papers, minute books, forms and returns filed and other records maintained by the Company for the financial year ended on 31 <sup>st</sup> March, 2023 ("Audit Period") according to the provisions of:   | --   |
| i. The Companies Act, 2013 (the Act) and the rules made thereunder;   | --   |
| ii. The Depositories Act, 1996 and regulations made thereunder ;  | --   |
| iii. Foreign Exchange Management Act, 1999 and the rules and regulations made thereunder to the extent of Foreign Direct Investment, Overseas Direct Investment and External Commercial Borrowings - <i>Not Applicable during the audit period.</i>   | --   |



|   |    |
|---|----|
| iv. The Securities Contracts (Regulation) Act, 1956 and rules made thereunder: <i>Not applicable being the unlisted Company.</i>  | -- |
| v. The Regulations and Guidelines prescribed under the Securities and Exchange Board of India Act, 1992 ('SEBI Act'): <i>Not applicable being the unlisted Company.</i>   | -- |
| <p>vi. The Company is into the business of mining and sale of coal, power generation and sale. Accordingly, the following major industry specific Acts and Rules are applicable to the Company, in view of the Management:</p> <ul style="list-style-type: none"> <li>a. Mines Act, 1952 and Rules &amp; regulations made thereunder.</li> <li>b. Coal Mines Provident Fund &amp; Miscellaneous Provisions Act, 1948.</li> <li>c. The Environment (Protection) Act, 1986.</li> <li>d. The Forest (Conservation) Act, 1980.</li> <li>e. Mines and Minerals (Development &amp; Regulation) Act, 1957 and Rules &amp; Regulations made thereunder.</li> <li>f. Cess and other Taxes on Minerals (Validation) Act, 1992.</li> <li>g. The Coal Mines (Nationalization) Act, 1973.</li> <li>h. Coal Mines Pension Scheme, 1998.</li> <li>i. Land Acquisition Act, 1894.</li> <li>j. The Right to Fair Compensation and Transparency in Land Acquisition, Rehabilitation and Resettlement Act, 2013.</li> <li>k. Essential Services Maintenance Act, 1971</li> <li>l. Mines and Minerals Act 1957 and Rules &amp; regulations made thereunder.</li> <li>m. Explosive Substance Act, 1908 and Rules &amp; regulations made thereunder.</li> <li>n. The Coal Bearing Areas Act, 1957.</li> <li>o. National Minerals Policy, 1993.</li> <li>p. Coal Mines Conservation and Development Act, 1974 and Rules &amp; regulations made thereunder.</li> </ul> <p>The Explosives Act, 1884 and Rules and notifications made thereunder.</p> <p>The Electricity Act, 2003 and Rules &amp; regulations made thereunder.</p> | -- |
| vii. I have also examined compliance with Secretarial Standards issued by the Institute of Company Secretaries of India in respect of Board and General Meeting(s) of the Company of India.   | -- |
| viii. During the period under review, the Company has complied with the provisions of the applicable Acts, Rules, Regulations, and Guidelines etc. as mentioned above except to the extent as mentioned below:  |    |





- a. ***The Company has not appointed requisite number of Independent Directors as prescribed under the provisions of Sub-section (4) of Section 149 of the Companies Act, 2013.***

***In this regard the management informed that vide Notification No.GSR 163 (E) dt.5<sup>th</sup> June, 2015 of Ministry of Corporate Affairs, Govt. of India, the responsibility for appointment of Independent Directors on the Board of Govt. Companies was shifted from Board of Directors of the Company to Ministry or Department of the Central / State Government, as the case may be.***

In accordance with the provisions of Sub-section (4) of Section 149 of the Companies Act, 2013 read with Rule 4 of the Companies (Appointment and qualification of Directors) Rules 2014, SCCL shall have at least 2 Directors as Independent Directors. However, Sub-section (2) of Section 177 (2) of the Act says that majority of members of the Audit Committee shall be Independent Directors. Since SCCL Audit Committee comprises 5 members and to have majority of Independent Directors as Members, SCCL needs to appoint 3 Independent Directors before 31.03.2015 as stipulated under the Act.

Further, in accordance with the provisions of 2<sup>nd</sup> proviso to Section 149 of the Act, read with Rule 3 of the Companies (Appointment and Qualification of Directors) Rules 2014, SCCL shall appoint at least one Woman Director before 31.03.2015.

**Status in SCCL:**

- i) *The aforesaid provisions were apprised to the Board in the 524<sup>th</sup> meeting held on 27.09.2014 and with the approval of the Board a letter dated 20.02.2015 was sent to Secretary, Energy dept., from Director (Finance), SCCL requesting the Govt. of Telangana to take suitable decision with regard to appointment of three Independent Directors and one Woman Director on the Board of SCCL before 31.03.2015 and recommend the same to the Govt. of India for concurrence.*
- ii) *Later, letter was written by C&MD, SCCL to Secretary, Energy dept., Govt. of Telangana on 13.05.2015 requesting to take suitable action for appointment of Independent & Woman Directors on the Board of the SCCL as the same has been made mandatory w.e.f., 01.04.2015 under the provisions of the Companies Act, 2013.*
- iii) *The Board in the meeting held on 22.08.2015 while reviewing the compliance of laws directed to send a reminder to Energy Dept., Govt. of Telangana for expediting appointment of Independent & Woman directors. Accordingly a letter dated 29.10.2015 was sent to Secretary, Energy Dept., from C&MD, SCCL.*

*Again vide letter No.CMD/PS/H/67, dt.04.06.2016 from C&MD, SCCL addressed to Prl. Secretary, Energy Dept., Govt. of Telangana, it was once again requested to expedite appointment of Independent & Woman Directors keeping in view that more than one year time already elapsed from the stipulated date for complying with the relevant provisions of the Companies Act, 2013 and also the observations made by the Secretarial Auditor of SCCL.*



On the issue of appointment of Woman Director, letter dt.27.03.2017 was issued by RoC, Hyderabad to Prl. Secretary to Govt., Energy Dept. and the same was forwarded to SCCL vide letter dt.17.04.2017 of Spl. Chief Secretary, Energy Dept., Govt. of Telangana for discussing the same in the Board meeting. It was also suggested to discuss about appointment of independent Directors. Pursuant to the same the Board in the 540<sup>th</sup> meeting held on 27.05.2017 deliberated the issue and the Board requested the Govt. of Telangana to take decision on the issue of appointment of Independent & Woman Directors on the Board of the SCCL at the earliest keeping in view the instructions from the Ministry of Corporate Affairs, Govt. of India as communicated by the Registrar of Companies, Hyderabad vide letter dt.27.03.2017 as the provisions under the Companies Act, 2013 in this regard were mandatory w.e.f., 01.04.2015. Accordingly vide letter No.CMD/PS/ H/202 dated 27.06.2017 from C&MD, SCCL addressed to Special Chief Secretary, Energy dept., Govt. of Telangana, it was once again requested to take immediate decision on the issue. Copy of the Board resolution was also forwarded to Special Chief Secretary. In the 546<sup>th</sup> Board meeting held on 25.09.2018 Gol nominee Director expressed concern on this issue. Keeping in view of the same, C&MD has written letter dt.10.11.2018 to Special Chief Secretary, Energy, GoT duly enclosing Board minute and it was requested once again to take immediate decision on the issue.

The Company has constituted Audit Committee and Corporate Social Responsibility (C S R) Committee without Independent Directors as Independent Directors are yet to be appointed by the State Government.

The Company is required to constitute the Nomination and Remuneration Committee as per sec-178 (1) of Companies Act, 2013, but the Nomination and Remuneration Committee is not constituted as Independent Directors are yet to be appointed.

As there is inordinate delay in the appointment of Independent & Woman Directors on the Board of the SCCL, there are also observations from Auditors, Parliamentary Committee, one more letter has been written from C&MD to Special Chief Secretary, Energy Dept., GoT with a request to expedite the appointments vide Ir.No: CRP/ CS/ 440A/ 227 dt.11.05.2020.



|  |  |
|--|--|
|  | <p>A letter has been written from C&amp;MD to Secretary, Energy Dept., GoT with a request to expedite the appointments of Independent &amp; Woman Directors at the earliest vide Ir.No:CMD/PS/H/07 dt.28.01.2021.</p> <p>A letter has been written from C&amp;MD to Spl. Chief Secretary, Energy Dept., GoT with a request to expedite the appointments of Independent &amp; Woman Directors at the earliest vide Ir.No:CMD/PS/H/52 dt.16.05.2022.</p> <p>Further, a letter has been written vide Lr.No: CMD/PS/H/126 dt.16.02.2023 from C&amp;MD to Special Chief Secretary, Energy Dept., GoT once again requesting to take immediate decision on appointment of Independent &amp; Woman Directors on the Board of the SCCL as required under the Companies Act, 2013 vide Lr.No.21/3/2011-ASO/BA/Estt, dt.22.02.2023 Ms. Santosh, Deputy Director General, MoC, Govt., of India appointed as part-time Director on the Board of SCCL. As such, the provisions of 2nd proviso to Section 149 of the Act, read with Rule 3 of the Companies (Appointment and Qualification of Directors) Rules 2014, SCCL regarding appointment of one Woman Director has been complied w.e.f 22.02.2023.</p> |
| <p><b>b. The Company has Audit Committee without Independent directors as prescribed under the provisions of Section 177 of the Companies Act, 2013.</b></p>   | <p>Same as replied to 2 (viii) (a) above. However, Independent Directors will be nominated to the Audit Committee after their appointment by the State Govt.</p>   |
| <p><b>c. The Company has Corporate Social Responsibility (C S R) Committee without Independent director as prescribed under the provisions of Section 135 of the Companies Act, 2013.</b></p>  | <p>Same as replied to point No.2 (viii) (a) above. However, Independent Directors will be nominated to the CSR Committee after their appointment by the State Govt.</p>  |
| <p><b>d. Vide Lr.No.21/3/2011-ASO/BA/Estt, dt.22.02.2023 Ms. Santosh, Deputy Director General, MoC, Govt., of India was appointed as Director on the Board of SCCL w.e.f 22.02.2023. As such, the provisions of 2nd proviso to Section 149 of the Act, read with Rule 3 of the Companies (Appointment and Qualification of Directors) Rules 2014, SCCL regarding appointment of one Woman Director has been complied with.</b></p> | <p>The provisions of 2nd proviso to Section 149 of the Act, read with Rule 3 of the Companies (Appointment and Qualification of Directors) Rules 2014, SCCL regarding appointment of Woman Director has been complied w.e.f 22.02.2023.</p>  |
| <p><b>e. The Company has not constituted Nomination and Remuneration Committee as prescribed under the provisions of Section 178 of the Companies Act, 2013.</b></p>   | <p>The Nomination and Remuneration Committee will be constituted after appointment of Independent Directors by the State Govt.</p>   |



**f. SCCL has been complying with the provisions of EIA Notification, 2006, its subsequent amendments and obtaining Environmental Clearance from MoEF & CC, New Delhi for New / Expansion / Modernization of Coal Mining Projects. Some of the Mines as cited in management explanation are under violation category and the Management explained that regularization is under process.**

SCCL is complying with the provisions of EIA Notification, 2006, its subsequent amendments while obtaining Environmental Clearance from MoEF&CC, New Delhi for New / Expansion / Modernization of Coal Mining Projects.

SCCL submitted applications for obtaining Environment Clearances for mines falling under the violation category as per the provisions of SO 804 (E) dated 14th March, 2017 and OM dated 16th March 2018.

MoEF&CC granted ToRs for all 18 mines subject to submission of an undertaking in the form of an affidavit to comply with all the statutory requirements and Hon'ble Supreme Court Judgment dated 2nd August 2017 in W.P. No. 114/2014 in the matter of 'Common Cause vs Union of India & Others'. Accordingly, SCCL submitted affidavits on 6.3.2019 in line with the Ministry's OM dated 30.5.2018.

SCCL has taken up preparation of EIA/EMP reports and other related activities for obtaining Environment Clearance for all the 18 proposals. The status of obtaining EC for these proposals is furnished hereunder:

- Environment Clearance was granted by MoEF&CC for 8 mines i.e., Cluster of GDK-1&3, 2&2A and 5 Inclines on 13.11.2020, JVR OC-I Expansion on 01.02.2021, GK OC Exp. on 20.05.2021, VK-7 Incline on 07.06.2021, JK-5 OC on 09.06.2022, IK-1A on 17.11.2022, RG OC-I Exp. Phase-II on 16.01.2023 and GDK-7 LEP on 06.03.2023.
- Environmental Clearance was recommended for VKP UG mine in the EAC meeting held on 03.03.2022 and Environmental Clearance will be issued after submission of Stage-I Forest Clearance.
- Environmental Clearance was recommended for Medapalli OCP in the EAC meeting held on 17.12.2022. Also, Environmental Clearance was recommended for Kasipet-1 Incline, RK-6 Incline, RK-5 Incline and RK-8 Incline in the SEAC meetings held on 15.03.2023, 12.05.2023 and 31.05.2023 respectively. Environmental Clearance is awaited for these projects.
- Public Hearing was conducted on 21.10.2022 for Goleti OCP, which is an amalgamation of BPA OC-II Ext. (Violation mine) and Goleti 1&1A Incline. The proposal will be submitted to MoEF&CC for grant of EC only after obtaining Stage-I Forestry



|  |   |
|--|---|
|  | <p>Clearance. Public Hearing was also conducted for SRP 3&amp;3A Incline and Final EIA/EMP is being prepared for submission to SEIAA for grant of Environmental Clearance.</p> <ul style="list-style-type: none"> <li>• Draft EIA/EMP report of KK-5 Incline was submitted to TSPCB for conduct of Public Hearing, which is scheduled to be held on 20.06.2023.</li> <li>• Draft EIA/EMP reports of Dorli OC-I Expansion and Koyagudem OC-II are under preparation for conduct of public hearing and submission of final EIA/EMP reports to MoEF&amp;CC for grant of EC.</li> </ul> |
| <p><b>3.</b> I, further report that:</p> <p><b>a.</b> The Board of Directors of the Company is constituted with executive and non-executive directors without requisite number of independent directors and a woman director as stated point.2 in the report. The changes in the composition of the Board of Directors that took place during the year under review were carried out in compliance with the provisions of the Act.</p> <p><b>b.</b> Adequate Notice is given to all the Directors to schedule the Board Meetings, agenda and detailed notes on agenda were sent at least 7 days in advance. Wherever the notes on agenda were sent with less than 7 days prior to the meeting, the same were taken up by the Board for consideration with the consent of all Members present in the meeting and permission of the Chairman &amp; Managing Director of the Company. There is adequate system for seeking and obtaining further information and clarifications on the agenda items before the meeting and meaningful participation at the meeting. Board decisions are carried through unanimously except in the following proposals for which views of dissenting members are captured and recorded;</p> <p><b>i)</b> In the 561<sup>st</sup> meeting held on 08.04.2022, for Item No: 561:5.14 i.e., Amendment to Rule No.6(c) (ii) &amp; 6(c) (iii) with regard to Local reservation in recruitments pertaining to Executive cadre and Non-Executive cadre posts.</p> <p><b>ii)</b> In the 563<sup>rd</sup> meeting held on 29.07.2022, for Item No: 563:5.14 i.e., to pay management's contribution towards CMPF @12% during 61<sup>st</sup> year and to pay the same to the employees on attaining the age of superannuation of 61 years. In the 565<sup>th</sup> meeting held on 08.12.2022, for Item No: 565:4.1 i.e., Payment of Special Incentive @ 30% of net profit for the financial year 2021-22 and for Item No: 565:5.17 i.e., Implementation of 10% reservations for Scheduled Tribes in recruitments and promotions in accordance with the Telangana State GO Ms. No.33 dated 30.09.2022.</p> | <p>As replied in point Nos.2(viii)(a)&amp;(d)</p>   |



4. I, further report that there exists adequate systems and processes in the Company that commensurate with the size and operations of the Company to monitor and ensure compliance with all applicable laws, rules, regulations and guidelines.
5. I, further report that during the audit period, there were no specific events/actions having a major bearing on the Company's affairs in pursuance of the above referred laws, rules, standards etc., referred above.

Sd/-

**(K .V. Chalama Reddy)**

Practising Company Secretary

M.No:F.C.S.9268, C.P.No.5451

PR No.:2301/2022

UDIN number: F009268E000864892

for and on behalf of the Board

Sd/-

**(N. Sridhar)**

Chairman & Managing Director

Date : 25.08.2023

Place : Hyderabad

Date : 30.08.2023

Place : Hyderabad.

This report is to be read with my letter of even date which is given as Annexure 'A' and forms an integral part of this report.



**Back filling activity in Open Cost Mines (RG OC-1, RG 3 Area)**



## FORM NO. MGT 9 EXTRACT OF ANNUAL RETURN

as on financial year ended on 31.03.2023

Pursuant to Section 92 (3) of the Companies Act, 2013 and rule 12(1) of the Company  
(Management & Administration) Rules, 2014.

### I Registration & other Details:

|     |   |   |
|-----|---|---|
| i   | CIN   | U10102TG1920SGC000571   |
| ii  | Registration Date   | 23.12.1920  |
| iii | Name of the Company   | <b>The Singareni Collieries Company Limited</b>   |
| iv  | Category / Sub-category of the Company                                      | Mining, Consultancy & Power   |
| v   | Address of the Registered office & contact details                          | The Singareni Collieries Company Limited<br>Registered Office,<br>Kothagudem Collieries – 507 101,<br>Bhadraddri Kothagudem Dist., Telangana. |
| vi  | Whether listed company  | No  |
| vii | Name , Address & contact details of the Registrar & Transfer Agent, if any. | NA  |

### II Principal Business Activities of the Company:

Coal Mining

All the business activities contributing 10% or more of the total turnover of the company shall be stated

| Sl. No. | Name & Description of main products/services | NIC Code of the Product/ service | % to total turnover of the company |
|---------|--|----------------------------------|------------------------------------|
| 1.      | Bituminous Coal                              | 270112                           | 83.13                              |
| 2.      | Power  | 271600                           | 16.87                              |

### III Particulars of Holding, Subsidiary & Associate Companies:

| Sl. No. | Name & Address of the Company                        | CIN/GLN               | Holding/ Subsidiary/ Associate | % of Shares Held | Applicable Section |
|---------|--|-----------------------|--------------------------------|------------------|--------------------|
| 1.      | Andhra Pradesh Heavy Machinery & Engineering Limited | U29219AP1976SGC002071 | Subsidiary                     | 81.54            | 2(87)(ii)          |



#### IV SHAREHOLDING PATTERN (EQUITY SHARE CAPITAL BREAK UP AS % TO TOTAL EQUITY)

| Category of Shareholders                                 | No. of Shares held at the beginning of the year |              |              |                   | No. of Shares held at the end of the year |            |              |                   | % change during the year |   |
|--|---|--------------|--------------|-------------------|---|------------|--------------|-------------------|--------------------------|---|
|  | Demat   | Physical     | Total        | % of Total Shares | Demat                                     | Physical   | Total        | % of Total Shares |                          |   |
| <b>A. Promoters</b>                                      |   |              |              |                   |   |            |              |                   |                          |   |
| <b>(1) Indian</b>  |   |              |              |                   |   |            |              |                   |                          |   |
| a) Individual/HUF  |   |              |              |                   |   |            |              |                   |                          |   |
| b) Central Govt. or State Govt.                          |   | 1733159147   | 1733159147   | 99.9977           |   | 1733159147 | 1733159147   | 99.9977           | -                        | - |
| c) Bodies Corporates                                     |   |              |              |                   |   |            |              |                   |                          |   |
| d) Bank/FI   |   |              |              |                   |   |            |              |                   |                          |   |
| e) Any other / IEPF Authorities                          |   |              |              |                   |   |            |              |                   |                          |   |
| <b>Sub Total:(A)(1)</b>                                  |   | 1733159147   | 1733159147   | 99.9977           |   | 1733159147 | 1733159147   | 99.9977           | -                        | - |
| <b>(2) Foreign</b>                                       |   |              |              |                   |   |            |              |                   |                          |   |
| a) NRI- Individuals                                      |   |              |              |                   |   |            |              |                   |                          |   |
| b) Other Individuals                                     |   |              |              |                   |   |            |              |                   |                          |   |
| c) Bodies Corp.  |   |              |              |                   |   |            |              |                   |                          |   |
| d) Banks/FI  |   |              |              |                   |   |            |              |                   |                          |   |
| e) Any other...  |   |              |              |                   |   |            |              |                   |                          |   |
| <b>Sub Total (A) (2)</b>                                 |   |              |              |                   |   |            |              |                   |                          |   |
| <b>Total Shareholding of Promoter (A)= (A)(1)+(A)(2)</b> |   | 1733159147   | 1733159147   | 99.9977           |   | 1733159147 | 1733159147   | 99.9977           | -                        | - |
| <b>B. Public Shareholding</b>                            |   |              |              |                   |   |            |              |                   |                          |   |
| <b>(1) Institutions</b>                                  |   |              |              |                   |   |            |              |                   |                          |   |
| a) Mutual Funds  |   |              |              |                   |   |            |              |                   |                          |   |
| b) Banks/FI  |   |              |              |                   |   |            |              |                   |                          |   |
| c) Central govt.   |   |              |              |                   |   |            |              |                   |                          |   |
| d) State Govt.   |   |              |              |                   |   |            |              |                   |                          |   |
| e) Venture Capital Fund                                  |   |              |              |                   |   |            |              |                   |                          |   |
| f) Insurance Companies                                   |   |              |              |                   |   |            |              |                   |                          |   |
| g) FIIS  |   |              |              |                   |   |            |              |                   |                          |   |
| h) Foreign Venture Capital Funds                         |   |              |              |                   |   |            |              |                   |                          |   |
| i) Others (IEPF)   |   | 14934        | 14934        | 0.0009            |   |            | 14934        | 14934             |                          |   |
| <b>Sub Total (B)(1):</b>                                 |   | <b>14934</b> | <b>14934</b> | <b>0.0009</b>     |   |            | <b>14934</b> | <b>14934</b>      |                          |   |





| Category of Shareholders  | No. of Shares held at the beginning of the year |                   |                   |                   | No. of Shares held at the end of the year |                   |                   |                   | % change during the year |
|---|---|-------------------|-------------------|-------------------|---|-------------------|-------------------|-------------------|--------------------------|
|   | Demat   | Physical          | Total             | % of Total Shares | Demat                                     | Physical          | Total             | % of Total Shares |                          |
| <b>(2) Non Institutions</b>   |   |                   |                   |                   |   |                   |                   |                   |                          |
| a) Bodies corporates  |   |                   |                   |                   |   |                   |                   |                   |                          |
| i) Indian   |   |                   |                   |                   |   |                   |                   |                   |                          |
| ii) Overseas  |   |                   |                   |                   |   |                   |                   |                   |                          |
| b) Individuals  |   |                   |                   |                   |   |                   |                   |                   |                          |
| i) Individual shareholders holding nominal share capital upto Rs.1 lakh.            |   | 24038             | 24038             | 0.0015            |   |                   | 24038             | 24038             |                          |
| ii) Individuals shareholders holding nominal share capital in excess of Rs. 1 lakh. |   |                   |                   |                   |   |                   |                   |                   |                          |
| c) Others (specify)   |   |                   |                   |                   |   |                   |                   |                   |                          |
| <b>Sub Total (B)(2):</b>  |   |                   |                   |                   |   |                   |                   |                   |                          |
| <b>Total Public Shareholding (B)= (B)(1)+(B)(2)</b>                                 |   |                   |                   |                   |   |                   |                   |                   |                          |
| <b>C. Shares held by Custodian for GDRs &amp; ADRs</b>                              |   |                   |                   |                   |   |                   |                   |                   |                          |
| <b>Grand Total (A+B+C)</b>  |   | <b>1733198119</b> | <b>1733198119</b> | <b>100.00</b>     |   | <b>1733198119</b> | <b>1733198119</b> | <b>100.00</b>     |                          |

**(ii) SHARE HOLDING OF PROMOTERS**

| Sl. No. | Shareholders Name     | Shareholding at the beginning of the year |                                  |  | Shareholding at the end of the year |                                  |  | % change in share holding during the year |
|---------|-----------------------|---|----------------------------------|--|-------------------------------------|----------------------------------|--|---|
|         |                       | No. of shares                             | % of total shares of the Company | % of shares pledged encumbered to total shares | No. of shares                       | % of total shares of the company | % of shares pledged encumbered to total shares |   |
| 1       | Governor of Telangana | 885599147                                 | 51.0962                          | Nil  | 885599147                           | 51.0962                          | Nil  | -   |
| 2       | President of India    | 847560000                                 | 48.9015                          | Nil  | 847560000                           | 48.9015                          | Nil  | -   |
|         | <b>Total</b>          | <b>1733159147</b>                         | <b>99.9977</b>                   | <b>-</b>                                       | <b>1733159147</b>                   | <b>99.9977</b>                   | <b>-</b>                                       | <b>-</b>                                  |

**(iii) CHANGE IN PROMOTERS' SHAREHOLDING (specify if there is no change)**

| Sl. No. |   | Share holding at the beginning of the Year |                                  | Cumulative Share holding during the year |                                  |
|---------|---|--|----------------------------------|--|----------------------------------|
|         |   | No. of Shares                              | % of total shares of the company | No. of shares                            | % of total shares of the company |
|         | At the beginning of the year  |  |                                  |  |                                  |
|         | Date wise increase/ decrease in Promoters Share holding during the year specifying the reasons for increase/ decrease (e.g. allotment/ transfer/ bonus/ sweat equity etc) |  |                                  |  |                                  |
|         | At the end of the year  |  |                                  |  |                                  |

- No change -



**(iv) Shareholding Pattern of top ten Shareholders (other than Directors, Promoters & Holders of GDRs & ADRs)**

| Sl. No. | For Each of the Top 10 Shareholders   | Shareholding at the end of the year |                                  | Cumulative Shareholding during the year |                                  |
|---------|---|-------------------------------------|----------------------------------|---|----------------------------------|
|         |   | No. of shares                       | % of total shares of the company | No. of shares                           | % of total shares of the company |
|         | At the beginning of the year  | 29492                               | 0.0017                           | 29492                                   | 0.0017                           |
|         | Date wise increase/decrease in Promoters Share holding during the year specifying the reasons for increase/decrease (e.g. allotment/ transfer/bonus/sweat equity etc) | - No change -                       |                                  |   |                                  |
|         | At the end of the year (or on the date of separation, if separated during the year)   | 29492                               | 0.0017                           | 29492                                   | 0.0017                           |

**(v) Shareholding of Directors & KMP**

| Sl. No. | For Each of the Directors & KMP   | Shareholding at the end of the year |                                  | Cumulative Shareholding during the year |                                  |
|---------|---|-------------------------------------|----------------------------------|---|----------------------------------|
|         |   | No. of shares                       | % of total shares of the company | No. of shares                           | % of total shares of the company |
|         | At the beginning of the year  | 11                                  | -                                | 11                                      | -                                |
|         | Date wise increase/ decrease in Promoters Share holding during the year specifying the reasons for increase/ decrease (e.g. allotment/ transfer/ bonus/ sweat equity etc) | - No change -                       |                                  |   |                                  |
|         | At the end of the year  | 11                                  | -                                | 11                                      | -                                |

**V INDEBTEDNESS**

(Rs. in crore)

| Indebtedness of the Company including interest outstanding/accrued but not due for payment |                                  |                 |          |                    |
|--|----------------------------------|-----------------|----------|--------------------|
|  | Secured Loans excluding deposits | Unsecured Loans | Deposits | Total Indebtedness |
| <b>Indebtedness at the beginning of the financial year</b>                                 |                                  |                 |          |                    |
| i) Principal Amount  | 4134.04                          | -               | -        | 4134.04            |
| ii) Interest due but not paid  | -                                | -               | -        | -                  |
| iii) Interest accrued but not due  | 5.51                             | -               | -        | 5.51               |
| <b>Total (i+ii+iii)</b>  | <b>4139.55</b>                   | <b>-</b>        | <b>-</b> | <b>4139.55</b>     |
| <b>Change in Indebtedness during the financial year</b>                                    |                                  |                 |          |                    |
| Additions  | 45.15                            | -               | -        | 45.15              |
| Reduction  | 1359.75                          | -               | -        | 1359.75            |
| <b>Net Change</b>  | <b>-1314.60</b>                  | <b>-</b>        | <b>-</b> | <b>-1314.60</b>    |
| <b>Indebtedness at the end of the financial year</b>                                       |                                  |                 |          |                    |
| i) Principal Amount  | 2824.95                          | -               | -        | 2824.95            |
| ii) Interest due but not paid  | -                                | -               | -        | -                  |
| iii) Interest accrued but not due  | -                                | -               | -        | -                  |
| <b>Total (i+ii+iii)</b>  | <b>2824.95</b>                   | <b>-</b>        | <b>-</b> | <b>2824.95</b>     |



## VI REMUNERATION OF DIRECTORS AND KEY MANAGERIAL PERSONNEL

### A. Remuneration to Managing Director, Whole time director and/or Manager:

(in Rs.)

| Sl. No. | Particulars of remuneration   | Name of MD/WTD/Manager |   |   |                                     |                      |                                | Total amount (Rs)     |
|---------|---|------------------------|---|---|-------------------------------------|----------------------|--------------------------------|-----------------------|
|         |   | N.Sridhar, C & M.D.    | S Chandra-sekhar, Director (Operations) | N.Balram, Director (Finance), Director (P&P) (FAC) & Director (P.A&W) (FAC) & CFO | D. Satyanarayana Rao Director (E&M) | NVK Srinivas, Dir(O) | G.Venkateswar Reddy, Dir (P&P) |                       |
| 1       | Gross salary  |                        |   |   |                                     |                      |                                |                       |
|         | (a) Salary as per provisions contained in section 17(1) of the IT Act, 1961 | 45,54,154.16           | 59,37,146.83                            | 16,25,669.00  | 62,39,889.60                        | 8,10,776.00          | 8,40,599.20                    | 2,00,08,234.79        |
|         | (b) Value of perquisites u/s 17(2) IT Act, 1961                             |                        | 8,71,538.00                             | 3,38,217.00   | 6,29,982.00                         | 99,885.00            | 1,09,366.00                    | 20,48,988.00          |
|         | (c) Profits in lieu of salary u/s 17(3) Income Tax Act, 1961                |                        |   |   |                                     |                      |                                |                       |
| 2       | Stock Option  |                        |   |   |                                     |                      |                                |                       |
| 3       | Sweat Equity  |                        |   |   |                                     |                      |                                |                       |
| 4       | Commission<br>- as % of profit<br>- others, specify                         |                        |   |   |                                     |                      |                                |                       |
| 5       | Others, CMPF & CMPS   | 11,31,356.00           | 11,82,028.00                            | 1,96,511.76   | 9,70,782.00                         | 1,70,990.00          | 1,78,194.00                    | 38,29,861.76          |
|         | <b>TOTAL (A)</b>  | <b>56,85,510.16</b>    | <b>79,90,712.83</b>                     | <b>21,60,397.76</b>   | <b>78,40,653.60</b>                 | <b>10,81,651.00</b>  | <b>11,28,159.20</b>            | <b>2,58,87,084.55</b> |
|         | Ceiling as per the Act (Rs. in Crore)                                       | 153.72 (5% of PBT)     | 30.74 (1% of PBT)                       | 30.74 (1% of PBT)   | 30.74 (1% of PBT)                   | 30.74 (1% of PBT)    | 30.74 (1% of PBT)              | 338.18 (11% of PBT)   |

### B. Remuneration to other directors:

| Sl. No.  | Particulars of Remuneration                    | Name of the Directors |  |  | Total Amount |
|----------|--|-----------------------|--|--|--------------|
| <b>1</b> | <b>Independent Directors</b>                   |                       |  |  |              |
|          | (a) Fee for attending board committee meetings |                       |  |  |              |
|          | (b) Commission                                 |                       |  |  |              |
|          | (c) Others, please specify                     |                       |  |  |              |
|          | <b>Total (1)</b>                               |                       |  |  |              |
| <b>2</b> | <b>Other Non Executive Directors</b>           |                       |  |  |              |
|          | (a) Fee for attending board committee meetings |                       |  |  |              |
|          | (b) Commission                                 |                       |  |  |              |
|          | (c) Others, please specify.                    |                       |  |  |              |
|          | <b>Total (2)</b>                               |                       |  |  |              |
|          | <b>Total (B)=(1+2)</b>                         |                       |  |  |              |
|          | <b>Total Managerial Remuneration</b>           |                       |  |  |              |
|          | <b>Overall ceiling as per the Act.</b>         |                       |  |  |              |

**C. REMUNERATION TO KEY MANAGERIAL PERSONNEL OTHER THAN MD/MANAGER/WTD**

(in Rs.)

| Sl. No. | Particulars of Remuneration  | Key Managerial Personnel |                     |       |                     |
|---------|--|--------------------------|---------------------|-------|---------------------|
|         |  | CEO *                    | Company Secretary   | CFO * | Total               |
| 1       | <b>Gross Salary</b>  |                          |                     |       |                     |
|         | (a) Salary as per provisions contained in section 17(1) of the Income Tax Act, 1961. |                          | 34,57,544.15        |       | 34,57,544.15        |
|         | (b) Value of perquisites u/s 17(2) of the Income Tax Act, 1961                       |                          | 2,43,156.00         |       | 2,43,156.00         |
|         | (c) Profits in lieu of salary under section 17(3) of the Income Tax Act, 1961.       |                          |                     |       |                     |
| 2       | Stock Option   |                          |                     |       |                     |
| 3       | Sweat Equity   |                          |                     |       |                     |
| 4       | Commission   |                          |                     |       |                     |
|         | - as % of profit   |                          |                     |       |                     |
|         | - others,  |                          |                     |       |                     |
| 5       | Others, CMPF & CMPS  |                          | 6,22,929.00         |       | 6,22,929.00         |
|         | <b>Total</b>   |                          | <b>43,23,629.15</b> |       | <b>43,23,629.15</b> |

\* C&MD is CEO and Director (Finance) is CFO, details are given in Sl. No.VI.A.

**VII PENALTIES/PUNISHMENT/COMPOUNDING OF OFFENCES:**

| Type                                | Section of the Companies Act | Brief Description | Details of Penalty/ Punishment / Compounding fees imposed | Authority (RD/NCLT/ Court) | Appeal made if any (give details) |
|-------------------------------------|------------------------------|-------------------|---|----------------------------|-----------------------------------|
| <b>A. COMPANY</b>                   |                              |                   |   |                            |                                   |
| Penalty                             |                              |                   |   |                            |                                   |
| Punishment                          |                              |                   |   |                            |                                   |
| Compounding                         |                              |                   |   |                            |                                   |
| <b>B. DIRECTORS</b>                 |                              |                   |   |                            |                                   |
| Penalty                             |                              |                   |   |                            |                                   |
| Punishment                          |                              |                   |   |                            |                                   |
| Compounding                         |                              |                   |   |                            |                                   |
| <b>C. OTHER OFFICERS IN DEFAULT</b> |                              |                   |   |                            |                                   |
| Penalty                             |                              |                   |   |                            |                                   |
| Punishment                          |                              |                   |   |                            |                                   |
| Compounding                         |                              |                   |   |                            |                                   |

Sd/-

**(N. Sridhar)**

Chairman &amp; Managing Director

DIN: 02510496

Date : 14.07.2023

Place : Hyderabad



**Sri N. Sridhar, IAS, C&MD visiting KTK OC - 2 at Bhupalapalli**



**Spreader of the Input Crusher and Conveyor in RG OC-2 (RG-3 Area)**



महालेखाकार का कार्यालय (लेखापरीक्षा)  
तेलंगाना, हैदराबाद

OFFICE OF THE ACCOUNTANT GENERAL (AUDIT)  
Telangana, Hyderabad

Lr. No. AG (Audit)/ TSC/SCCL/2022-23/105

Date: 27-09-2023

To

The Chairman & Managing Director,  
The Singareni Collieries Company Limited,  
Kothagudem (PO). Bhadradri Kothagudem District  
Telangana -507 101

**Sub: Comments of the Comptroller and Auditor General of India under Section 143 (6)(b) of the Companies Act, 2013 on the Financial Statements of The Singareni Collieries Company Limited for the year ended 31<sup>st</sup> March 2023.**

Sir

1. I am to forward herewith comments of the Comptroller and Auditor General of India under Section 143 (6)(b) of the Companies Act, 2013 on the Standalone and Consolidated Financial Statements of your Company for the year ended 31<sup>st</sup> March 2023 for necessary action.
2. The date of placing of Comments along with Standalone and Consolidated Financial Statements and Auditors' Report before the shareholders of the Company may please be intimated and a copy of the proceedings of the meeting be furnished.
3. The date of forwarding the annual reports and financial statements of the Company together with the Auditors Report and Comments of the Comptroller and Auditor General of India to the State Government for the year ended 2022-23 for being placed before the Legislature may also be intimated. The date on which Annual Report is tabled in the Legislature may also be intimated.
4. Ten copies of the annual report for the year ended 2022-23 are to be furnished in due course without fail.

Yours faithfully,

Sd/-

(J. Nikhil Chakravarthi, IAAS )  
Sr. Deputy Accountant General/AMG-II

Encl: As Above

**COMMENTS OF THE COMPTROLLER AND AUDITOR GENERAL OF INDIA UNDER SECTION 143(6)(b) OF THE COMPANIES ACT, 2013 ON THE FINANCIAL STATEMENTS OF THE SINGARENI COLLIERIES COMPANY LIMITED FOR THE YEAR ENDED 31 MARCH 2023.**

The preparation of the financial statements of The Singareni Collieries Company Limited for the year ended 31 March 2023 in accordance with the financial reporting framework prescribed under Companies Act, 2013 (Act) is the responsibility of the management of the Company. The Statutory auditors appointed by the Comptroller and Auditor General of India under Section 139 (5) of the Act are responsible for expressing opinion on the standalone financial statements under Section 143 of the Act based on independent audit in accordance with the standards on auditing prescribed under section 143 (10) of the Act. This is stated to have been done by them vide their Audit Report dated 14 July 2023.

I, on behalf of the Comptroller and Auditor General of India, have conducted a supplementary audit of the financial statements of The Singareni Collieries Company Limited for the year ended 31 March 2023 under section 143(6) (a) of the Act. This supplementary audit has been carried out independently without access to the working papers of the Statutory Auditors and is limited primarily to inquiries of the Statutory Auditors and Company personnel and a selective examination of some of the accounting records.

Based on my supplementary audit, I would like to highlight the following significant matters under section 143(6)(b) of the Act which have come to my attention and which in my view are necessary for enabling a better understanding of the standalone financial statements and the related audit report.

**1. Comment on disclosure****Revenue from Operations-(VI) Exceptional Items (Note no.38)- ₹ 144.61 crore**

The above includes ₹ 49.46 crores (Euro 5543664 @ ₹ 89.2175) being the encashed Bank Guarantees (BG) and ₹ 97.75 crores (Euro 10909741.01 @ ₹ 89.2175) being the 20 % equipment value withheld towards penalty in pursuance of the decision taken by the management on Supplier, M/s Caterpillar Global Mining Europe GmbH, Germany, (M/s CGME,) against the non-achievement of performance obligations of Adriyala Longwall Project.

For encashing the BG (₹ 49.46 crore) relating to PBGs furnished by CGME, and adjustment of withheld amount towards penalty (₹ 97.75 crore), the supplier demanded arbitration on 29.04.2023. However, the Company obtained a legal opinion and it was concluded that the dispute is not arbitrable, as it is hit by time bar clause (clause 15) of contract agreement. In the meantime, CGME approached the International Court of Arbitration of the ICC, and ICC addressed letters to both CGME and SCCL. The company again reiterated that the dispute is not arbitrable and accordingly addressed both CGME and ICC. In the given circumstances, the case has to be decided by the Court under section 11 of Arbitration & Conciliation Act, 1996 as to whether or not arbitration clause is in force between the parties to subject dispute and is applicable. Further, action is also yet to be taken by the Company to file a suit in the Kothagudem Civil Court, to declare that the arbitration clause is not applicable to CGME. The above facts should have been disclosed by the Company in its notes to accounts for the year 2022-23.

For and on behalf of the  
Comptroller and Auditor General of India

Sd/-

**(Sudha Rajan)**

**Accountant General (Audit)**

Place : Hyderabad

Date : 27-09-2023



## Annexure-II

**COMMENTS OF THE COMPTROLLER AND AUDITOR GENERAL OF INDIA UNDER SECTION 143(6)(b) READ WITH SECTION 129 (4) OF THE COMPANIES ACT, 2013 ON THE CONSOLIDATED FINANCIAL STATEMENTS OF THE SINGARENI COLLIERIES COMPANY LIMITED FOR THE YEAR ENDED 31 MARCH 2023.**

The preparation of consolidated financial statements of The Singareni Collieries Company Limited for the year ended 31 March 2023 in accordance with the financial reporting framework prescribed under the Companies Act, 2013 (Act) is the responsibility of the management of the Company. The Statutory auditors appointed by the Comptroller and Auditor General of India under Section 139 (5) read with section 129 (4) of the Act are responsible for expressing opinion on the financial statements under Section 143 read with section 129 (4) of the Act based on independent audit in accordance with the standards on auditing prescribed under section 143 (10) of the Act. This is stated to have been done by them vide their Audit Report dated 14 July 2023.

I, on behalf of the Comptroller and Auditor General of India, have conducted a supplementary audit of the consolidated financial statements of The Singareni Collieries Company Limited for the year ended 31 March 2023 under section 143(6)(a) read with section 129 (4) of the Act. We did not conduct supplementary audit of the financial statements of Andhra Pradesh Heavy Machinery & Engineering Limited, Vijayawada and APMDCC-SCCL Suliyari Coal Company Limited for the year ended on that date. This supplementary audit has been carried out independently without access to the working papers of the Statutory Auditors and is limited primarily to inquiries of the Statutory Auditors and Company personnel and a selective examination of some of the accounting records.

Based on my supplementary audit, I would like to highlight the following significant matters under section 143(6)(b) read with section 129 (4) of the Act which have come to my attention and which in my view are necessary for enabling a better understanding of the financial statements and the related audit report.

**1. Comment on disclosure**

**Revenue from Operations-(VI) Exceptional Items (Note no.38)- ₹ 144.61 crore**

The above includes ₹ 49.46 crores (Euro 5543664 @ ₹ 89.2175) being the encashed Bank Guarantees (BG) and ₹ 97.75 crores (Euro 10909741.01 @ ₹ 89.2175) being the 20% equipment value withheld towards penalty in pursuance of the decision taken by the management on Supplier, M/s Caterpillar Global Mining Europe GmbH, Germany, (M/s CGME,) against the non-achievement of performance obligations of Adriyala Longwall Project.

For encashing the BG (₹ 49.46 crore) relating to PBGs furnished by CGME, and adjustment of withheld amount towards penalty (₹ 97.75 crore), the supplier demanded arbitration on 29.04.2023. However, the Company obtained a legal opinion and it was concluded that the dispute is not arbitrable, as it is hit by time bar clause (clause 15) of contract agreement. In the meantime, CGME approached the International Court of Arbitration of the ICC, and ICC addressed letters to both CGME and SCCL. The company again reiterated that the dispute is not arbitrable and accordingly addressed both CGME and ICC. In the given circumstances, the case has to be decided by the Court under section 11 of Arbitration & Conciliation Act, 1996 as to whether or not arbitration clause is in force between the parties to subject dispute and is applicable. Further, action is also yet to be taken by the Company to file a suit in the Kothagudem Civil Court, to declare that the arbitration clause is not applicable to CGME. The above facts should have been disclosed by the Company in its notes to accounts for the year 2022-23.

For and on behalf of the  
Comptroller and Auditor General of India

Sd/-

**(Sudha Rajan)**

**Accountant General (Audit)**

Place : Hyderabad

Date : 27-09-2023



**Standalone Financial Statements**

| Sl. No. | Comments of the Comptroller & Auditor General of India under section 143 (6) (b) of the Companies Act, 2013 on the Standalone Financial Statements of The Singareni Collieries Company Limited, Kothagudem for the year ended 31 <sup>st</sup> March, 2023   | Replies of the Management forming part of the Board's Report to the Shareholders   |
|---------|--|--|
| 1.      | <p><b>Comment on disclosure</b></p> <p><b>Revenue from Operations-(VI) Exceptional Items (Note no.38)- Rs.144.61 crore</b></p> <p>The above includes Rs.49.46 crores (Euro 5543664 @ 89.2175) being the encashed Bank Guarantees (BG) and Rs.97.75 crores (Euro 10909741.01 @ 89.2175) being the 20% equipment value withheld towards penalty in pursuance of the decision taken by the management on Supplier, M/s Caterpillar Global Mining Europe GmbH, Germany, (M/s CGME,) against the non- achievement of performance obligations of Adriyala Longwall Project.</p> <p>For encashing the BG (Rs.49.46 crore) relating to PBGS furnished by CGME, and adjustment of withheld amount towards penalty (Rs.97.75 crore), the supplier demanded arbitration on 29.04.2023. However, the Company obtained a legal opinion and it was concluded that the dispute is not arbitrable, as it is hit by time bar clause (clause 15) of contract agreement. In the meantime, CGME approached the International Court of Arbitration of the ICC, and ICC addressed letters to both CGME and SCCL. The company again reiterated that the dispute is not arbitrable and accordingly addressed both CGME and ICC. In the given circumstances, the case has to be decided by the Court under section 11 of Arbitration &amp; Conciliation Act, 1996 as to whether or not arbitration clause is in force between the parties to subject dispute and is applicable. Further, action is also yet to be taken by the Company to file a suit in the Kothagudem Civil Court, to declare that the arbitration clause is not applicable to CGME. The above facts should have been disclosed by the Company in its notes to accounts for the year 2022-23.</p> | <p>The Company had invoked the PBG submitted by the supplier and adjusted the 20% equipment value withheld from the bills, towards penalties for not achieving the performance obligations as per Order Terms and penalty Income of Rs.147.22 Crore (Euro 1,64,53,405.01) was recognized in FY 2022-23.</p> <p>However, subsequent to the invocation of PBG's, the supplier had moved Arbitration proceedings before ICC. As per the legal opinion obtained by the Company, the Arbitration proceedings are hit by time bar clause and also are against the clause no. 15 of the Contract's terms and conditions. Accordingly, the Arbitration process was rejected by the Company. As on the date of the approval of the Accounts of FY 2022-23 (i.e.) 14.072023, there is no valid dispute/case pending and hence, no disclosures were made in the Annual Accounts of FY 2022-23 as Contingent Liability on the subject matter which is in line with Ind AS framework.</p> <p>Later, ICC had informed that the Arbitration proceedings have commenced on 31/8/2023 and advised Company to appoint an Arbitrator from each side and to pay the applicable Fees. Based on the latest legal opinion obtained, the Company is in the process of filing a stay petition before the High Court of Delhi on the Arbitration proceedings initiated by the ICC. Further, other available legal remedies are also being explored to bring the litigation to a logical conclusion.</p> <p>Albeit, the observation of the Audit is noted and the dispute raised by the supplier will be disclosed as 'Contingent Liability' in the Financial Statements of FY 2023-24.</p> |

For and on behalf of the  
Comptroller and Auditor General of India  
Sd/-  
Principal Accountant General (Audit)

Date : 27.09.2023

Place : Hyderabad

For and on behalf of the Board  
Sd/-  
(N.Sridhar)

Date : 27.09.2023

Place : Hyderabad

Chairman &amp; Managing Director



### Consolidated Financial Statements

| Sl. No. | Comments of the Comptroller & Auditor General of India under section 143 (6) (b) of the Companies Act, 2013 on the Consolidated Financial Statements of The Singareni Collieries Company Limited, Kothagudem for the year ended 31 <sup>st</sup> March, 2023   | Replies of the Management forming part of the Board's Report to the Shareholders   |
|---------|--|--|
| 1.      | <p><b>Comment on disclosure</b></p> <p><b>Revenue from Operations-(VI) Exceptional Items (Note no.38)- Rs.144.61 crore</b></p> <p>The above includes Rs.49.46 crores (Euro 5543664 @ 89.2175) being the encashed Bank Guarantees (BG) and Rs.97.75 crores (Euro 10909741.01 @ 89.2175) being the 20% equipment value withheld towards penalty in pursuance of the decision taken by the management on Supplier, M/s Caterpillar Global Mining Europe GmbH, Germany, (M/s CGME,) against the non- achievement of performance obligations of Adriyala Longwall Project.</p> <p>For encashing the BG (Rs.49.46 crore) relating to PBGS furnished by CGME, and adjustment of withheld amount towards penalty (Rs.97.75 crore), the supplier demanded arbitration on 29.04.2023. However, the Company obtained a legal opinion and it was concluded that the dispute is not arbitrable, as it is hit by time bar clause (clause 15) of contract agreement. In the meantime, CGME approached the International Court of Arbitration of the ICC, and ICC addressed letters to both CGME and SCCL. The company again reiterated that the dispute is not arbitrable and accordingly addressed both CGME and ICC. In the given circumstances, the case has to be decided by the Court under section 11 of Arbitration &amp; Conciliation Act, 1996 as to whether or not arbitration clause is in force between the parties to subject dispute and is applicable. Further, action is also yet to be taken by the Company to file a suit in the Kothagudem Civil Court, to declare that the arbitration clause is not applicable to CGME. The above facts should have been disclosed by the Company in its notes to accounts for the year 2022-23.</p> | <p>The Company had invoked the PBG submitted by the supplier and adjusted the 20% equipment value withheld from the bills, towards penalties for not achieving the performance obligations as per Order Terms and penalty Income of Rs.147.22 Crore (Euro 1,64,53,405.01) was recognized in FY 2022-23.</p> <p>However, subsequent to the invocation of PBG's, the supplier had moved Arbitration proceedings before ICC. As per the legal opinion obtained by the Company, the Arbitration proceedings are hit by time bar clause and also are against the clause no. 15 of the Contract's terms and conditions. Accordingly, the Arbitration process was rejected by the Company. As on the date of the approval of the Accounts of FY 2022-23 (i.e.) 14.072023, there is no valid dispute/case pending and hence, no disclosures were made in the Annual Accounts of FY 2022-23 as Contingent Liability on the subject matter which is in line with Ind AS framework.</p> <p>Later, ICC had informed that the Arbitration proceedings have commenced on 31/8/2023 and advised Company to appoint an Arbitrator from each side and to pay the applicable Fees. Based on the latest legal opinion obtained, the Company is in the process of filing a stay petition before the High Court of Delhi on the Arbitration proceedings initiated by the ICC. Further, other available legal remedies are also being explored to bring the litigation to a logical conclusion.</p> <p>Albeit, the observation of the Audit is noted and the dispute raised by the supplier will be disclosed as 'Contingent Liability' in the Financial Statements of FY 2023-24.</p> |

For and on behalf of the  
Comptroller and Auditor General of India  
Sd/-  
Principal Accountant General (Audit)

Date : 27.09.2023  
Place : Hyderabad

For and on behalf of the Board  
Sd/-  
(N.Sridhar)

Date : 27.09.2023  
Place : Hyderabad  
Chairman & Managing Director



| <p style="text-align: center;"><b>INDEPENDENT AUDITOR’S REPORT</b><br/><b>on the Audit of Standalone Ind AS Financial Statements</b></p>  | <p style="text-align: center;"><b>Management reply on the audit observations</b><br/>(under section 134(3) of the Companies Act, 2013)</p> |
|---|--|
| <p><b>To the Members of</b><br/><b>The Singareni Collieries Company Limited</b></p>   |  |
| <p><b>Report on the Audit of Standalone Ind AS Financial Statements:</b></p> <p><b>Opinion</b></p> <p>We have audited the accompanying Standalone Ind AS Financial Statements of <b>The Singareni Collieries Company Limited</b> (“the Company”), which comprise the Balance Sheet as at 31<sup>st</sup> March, 2023, the Statement of Profit and Loss (including Other Comprehensive Income), the Statement of Changes in Equity and the Statement of Cash Flows for the year ended on that date, and notes to the Standalone Ind AS Financial Statements, including a summary of the significant accounting policies and other explanatory information (herein after referred to as “the Standalone Ind AS Financial Statements”)</p> <p>In our opinion and to the best of our information and according to the explanations given to us the accompanying Standalone Ind AS Financial Statements give the information required by the Companies Act, 2013 (“the Act”) in the manner so required and give a true and fair view in conformity with the Indian Accounting Standards prescribed under Section 133 of the Act read with the Companies (Indian Accounting Standard) Rules, 2015, as amended, (“Ind AS”) and other accounting principles generally accepted in India, of the state of affairs of the Company as at 31<sup>st</sup> March, 2023, and its profit and total comprehensive income, changes in equity and its cash flows for the year ended on that date.</p> | --   |
| <p><b>Basis for Opinion</b></p> <p>We conducted our audit of the financial statements in accordance with the Standards on Auditing (SAs) specified under Section 143(10) of the Act. Our responsibilities under those standards are further described in the <i>Auditors’ responsibility for the Audit of Standalone Ind AS Financial Statements</i> Section of our report. We are independent of the company in accordance with the Code of Ethics issued by the Institute of Chartered Accountants of India (ICAI) together with the ethical requirements that are relevant to our audit of Standalone Ind AS Financial Statements under the provisions of the Act and the Rules made thereunder, and we have fulfilled our other ethical responsibilities in accordance with these requirements and the ICAI’s code of Ethics. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinion on the Standalone Ind AS Financial Statements.</p>   | --   |



| <p style="text-align: center;"><b>INDEPENDENT AUDITOR'S REPORT</b><br/><b>on the Audit of Standalone Ind AS Financial Statements</b></p>  | <p style="text-align: center;"><b>Management reply on the audit observations</b><br/>(under section 134(3) of the Companies Act, 2013)</p>   |
|---|--|
| <p><b>Emphasis of Matter</b><br/>Without qualifying our opinion, we draw attention to the following matters in the Standalone Ind AS Financial Statements:</p>  |  |
| <p>a) Refer Note 8.4 regarding non-receipt of proceeds of Rs.200 Crore of APPFC Power bonds matured on 18<sup>th</sup> July, 2022 representing TSPFC share, the Company has not made provision for expected credit loss as the bonds are backed by Sovereign Guarantee. Further, the Company has not recognized interest from the date of maturity of the interest coupon period.</p>   |  |
| <p>b) Refer Note 6.3 (iii) and (iv) regarding non-receipt of interest of Rs.264.53 Crore (net of TDS) on TSSPDCL Power Bonds, the Company has not made provision for expected credit loss as the bonds are backed by Sovereign Guarantee.</p>   | <p>The Auditors have drawn specific attention of the members on these matters, though these issues/ transactions / provisions have been appropriately recognised, presented and disclosed in the Financial statements as per the Provisions of Ind AS.</p> |
| <p>c) Refer Note 12B.4 regarding disputed trade receivables of Rs.527.69 Crore as on 31.03.2023, the Company has not made provision for expected credit loss as the dispute/clarification is pending before Hon'ble Telangana State Electricity Regulatory Commission (TSERC).</p>  |  |
| <p>d) Refer Note 27.2 (ii) regarding withdrawal of provision for backfilling at Medipalli OCP for an amount of Rs.1188.15 Crore due to change in the Site Restoration obligation from backfilling to waterbody maintenance with adequate engineering interventions for sustenance of aquatic life in pursuance of revised EAC Minutes.</p>  |  |
| <p>e) Refer Note 39.6.5 regarding the alignment of method of closing stock valuation with the Cost accounting records, on account of which there is a net increase in the profit before tax by Rs.51.25 crore for the financial year 2022-23.</p>   |  |
| <p>f) Refer Note 22.3(iii) and (iv) regarding reassessment of mine closure provision on account of adoption of revised mine lives in respect of 7 mines and consequent to the revised Escrow agreements entered during the year 2022-23 in respect of 22 mines. As a result of this, there is a decrease in provision by Rs.13.21 crore on account of adoption of revised mine lives in respect of 7 mines and increase in provision by Rs.78.53 crore on account of revised Escrow agreements.</p>                                 |  |
| <p><b>Key Audit Matters</b><br/>Key Audit matters are those matters that in our professional judgment, were of most significance in our audit of the Standalone Ind AS Financial Statements of the current period. These matters were addressed in the context of our audit of the financial statements as a whole, and in forming our opinion thereon, and we do not provide a separate opinion on these matters. We have determined the matters described below to be the key audit matters to be communicated in our report.</p> |  |



**INDEPENDENT AUDITOR'S REPORT**  
**on the Audit of Standalone Ind AS Financial Statements**

**Management reply on the  
audit observations**  
(under section 134(3) of the  
Companies Act, 2013)

| S No | Key Audit Matter  | Auditor's Response   |   |
|------|---|--|---|
| 1    | <p><b>Provisions and Contingent Liabilities:</b></p> <p><b>A) Provision for Mine closure, Site Restoration and Decommissioning obligation:</b></p> <p>The company is accounting for provision towards its obligation for mine closure, site restoration and decommissioning based on detailed calculations and technical assessment and timing of the future cash spending to perform the required work. The estimated cost is inflated to the year in which such cost is to be incurred. The said provision is required to be discounted to the present value. This measurement of discounting rate capturing the real finance cost involves high inherent uncertainty.</p> <p>Further, Ministry of Environment and Forests' stipulations involves reducing the depth of the final void of certain open cast mines to 30/35/40 meters from surface either by backfilling of overburden or maintenance of water body. Environmental clearance was received in respect of OC mines for which the company proposed to maintain the final void as water bodies. The estimation of cost per hectare of final void based on final void area, necessary engineering interventions and other required activities is made by in-house technical professional and outside technical experts in Mining, Project planning and environmental fields. This area involves significant management judgement and estimates that have been identified as having high estimation uncertainty.</p> | <p><b>Principal audit procedures:</b></p> <p>Our audit procedures included the following:</p> <ul style="list-style-type: none"> <li>• Evaluated the approach adopted by the company in determining the expected costs of decommissioning.</li> <li>• Identified the cost assumptions used that have the most significant impact on the provisions and tested the appropriateness of these assumptions.</li> <li>• Reviewed the appropriateness of discount and inflation rates used in the estimation.</li> <li>• Verified the unwinding of interest as well as understanding if any restoration was undertaken during the year.</li> <li>• Relied on the judgements of the internal &amp; external technical experts for the use of technical evaluation.</li> <li>• Performed a review to ensure that all key movements were understood, corroborated and recorded correctly.</li> <li>• Assessed the appropriateness of the disclosures made in the Standalone Ind AS Financial Statements.</li> </ul> | <p>The Auditors have reported this issue as a Key Audit Matter in view of its significance and materiality involved. They have also mentioned the Audit Procedure followed by them.</p> <p>This being a statement of fact calls for no comments separately.</p> |



| <b>INDEPENDENT AUDITOR'S REPORT</b><br><b>on the Audit of Standalone Ind AS Financial Statements</b> |  |  | <b>Management reply on the<br/>audit observations</b><br><br>(under section 134(3) of the<br>Companies Act, 2013)   |
|--|--|--|---|
| S No   | Key Audit Matter   | Auditor's Response   |   |
|  | <p><b>B) Provision for Overburden Removal</b></p> <p>The Company is accounting the expenditure incurred on Overburden (OB) removal-Stripping cost with respect to Open Cast (OC) mines at projected Stripping Ratio which is estimated by the Management irrespective of the ratio of Actual OB removal during any particular year. This estimation involves significant judgements to be made by the Management. The Company reviews the stripping ratios of all OC Projects once in three years. However, revision/ re-estimation of stripping ratios may be necessitated owing to significant changes in the Mining and geological structures, recommendation of scientific studies of high wall, the dump stability and statutory restrictions imposed by Government authorities, reorganisation/ closure of mines and changes in reserves of Coal &amp; overburden due to various reasons such as Bore Hole density and Risk of difference in Reserves, Geological disturbances, shifting of seam In-crops, Risk of Grade Slippage etc. In case any such significant deviation occurs, such review is being taken up on occurrence.</p> | <p><b>Principal audit procedures:</b></p> <p>Our audit procedures included the following–</p> <ul style="list-style-type: none"> <li>• Evaluated the approach adopted by the company in estimating the projected stripping ratio of Coal reserves, determining the mining reserves of Coal &amp; Overburden and cost of OB removal.</li> <li>• Reviewed the past quantities of coal and overburden extracted from the respective mines and whether due consideration was given in estimating the projected stripping ratio.</li> <li>• Tested the consistency of, and rationale for, the contingent factors applied in deriving the stripping ratio in respect of the OC mines for which the change is necessitated.</li> <li>• Discussed with the Management regarding the factors considered in estimating the balance reserves and their extraction plan with respect to the mines where the revision of stripping ratio is undertaken.</li> <li>• Relied on the judgements of the internal technical experts for the use of technical evaluation.</li> <li>• Performed a review to ensure that all key movements were understood, corroborated and recorded correctly.</li> <li>• Assessed the appropriateness of the disclosures made in the Financial Statements.</li> </ul> | <p>The Auditors have reported this issue as a Key Audit Matter in view of its significance and materiality involved. They have also mentioned the Audit Procedure followed by them.</p> <p>This being a statement of fact calls for no comments separately.</p> |
|  | <p><b>C) Contingent Liabilities</b></p> <p>The company has received certain claims from the Government authorities, variable cost claims from TSDISCOMs, contractors, land pattadars and employees, which are disputed. These involve high degree of judgement to determine the possible outcomes and estimates relating to the resources embodying economic benefits.</p>   | <p><b>Principal audit procedures:</b></p> <p>Our procedures included, but were not limited to, the following:</p> <ul style="list-style-type: none"> <li>• Obtained an understanding from the management with respect to process and controls followed by the Company for identification and monitoring of significant developments in relation to the litigations, including completeness thereof.</li> </ul>   |   |



**INDEPENDENT AUDITOR’S REPORT**  
**on the Audit of Standalone Ind AS Financial Statements**

**Management reply on the audit observations**  
(under section 134(3) of the Companies Act, 2013)

| S No | Key Audit Matter | Auditor’s Response   |
|------|------------------|--|
|      |                  | <ul style="list-style-type: none"> <li>• Obtained the list of litigations from the management and reviewed their assessment of the likelihood of outflow of economic resources being probable, possible or remote in respect of the litigations. This involved assessing the probability of an unfavourable outcome of a given proceeding and the reliability of estimates of related amounts.</li> <li>• Assessed management’s conclusions through discussions held with the in-house legal counsel and understanding precedents in similar cases;</li> <li>• Assessed and validated the adequacy and appropriateness of the disclosures made by the management in the Standalone Ind AS Financial Statements.</li> </ul> |

The Auditors have reported this issue as a Key Audit Matter in view of its significance and materiality involved. They have also mentioned the Audit Procedure followed by them.

This being a statement of fact calls for no comments separately.



**Coal dispatches by Railways : Manuguru CHP**



| <p style="text-align: center;"><b>INDEPENDENT AUDITOR'S REPORT</b><br/><b>on the Audit of Standalone Ind AS Financial Statements</b></p>  | <p style="text-align: center;"><b>Management reply on the audit observations</b><br/>(under section 134(3) of the Companies Act, 2013)</p> |
|---|--|
| <p><b>Information Other than the Standalone Ind AS Financial Statements and Auditors' Report thereon</b></p> <p>The Company's Board of Directors is responsible for the other information. The other information comprises the draft Directors' Report including annexures to Directors' Report, which we obtained prior to the date of this auditors' report and other reports included in the Annual Report related to Standalone Ind AS Financial Statements but does not include the Standalone Ind AS Financial Statements and our auditors' report thereon.</p> <p>Our opinion on the Standalone Ind AS Financial Statements does not cover the other information and we do not express any form of assurance conclusion thereon.</p> <p>In connection with our audit of the Standalone Ind AS Financial Statements, our responsibility is to read the other information and, in doing so, consider whether the other information is materially inconsistent with the Standalone Ind AS Financial Statements, or our knowledge obtained during the course of our audit or otherwise appears to be materially misstated.</p> <p>If, based on the work we have performed, we conclude that there is a material misstatement of this other information, we are required to report that fact. We have nothing to report in this regard.</p>   | <p style="text-align: center;">-</p>   |
| <p><b>Management's Responsibility for the Standalone Ind AS Financial Statements:</b></p> <p>The Company's Board of Directors is responsible for the matters stated in Section 134(5) of the Companies Act, 2013 ("the Act") with respect to the preparation of these Standalone Ind AS Financial Statements that give a true and fair view of the financial position, financial performance including other comprehensive income, cash flows and changes in equity of the Company in accordance with accounting principles generally accepted in India, including the Indian Accounting Standards (Ind AS) prescribed under Section 133 of the Companies Act, 2013 read with Companies (Indian Accounting Standards) Rules, 2015 rules, as amended.</p> <p>This responsibility also includes maintenance of adequate accounting records in accordance with the provisions of the Act for safeguarding of the assets of the company and for preventing and detecting the frauds and other irregularities; selection and application of appropriate accounting policies; making judgments and estimates that are reasonable and prudent; and design, implementation and maintenance of adequate internal financial controls, that were operating effectively for ensuring the accuracy and completeness of the accounting records, relevant to the preparation and presentation of Standalone Ind AS Financial Statements that give a true and fair view and are free from material misstatement, whether due to fraud or error.</p> <p>In preparing the Standalone Ind AS Financial Statements, management is responsible for assessing the company's ability to continue as a going concern, disclosing, as applicable, matters related to going concern and using the going concern basis of accounting unless the management either intends to liquidate the company or to cease operations, or has no realistic alternative but to do so.</p> <p>The Board of Directors are responsible for overseeing the Company's financial reporting process.</p> | <p style="text-align: center;">-</p>   |
| <p><b>Auditors' Responsibility for the Audit of the Standalone Ind AS Financial Statements</b></p> <p>Our objectives are to obtain reasonable assurance about whether the Standalone Ind AS Financial Statements as a whole are free from material misstatement, whether due to fraud or error, and to issue an auditors' report that includes our opinion. Reasonable assurance is a high level of assurance but is not a guarantee that an audit conducted in accordance with Standards on Auditing (SAs) will always detect a material misstatement when it exists. Misstatements can arise from fraud or error and are considered material if, individually or in the aggregate, they could reasonably be expected to influence the economic decisions of users taken on the basis of these Standalone Ind AS Financial Statements.</p>   | <p style="text-align: center;">-</p>   |





| <p style="text-align: center;"><b>INDEPENDENT AUDITOR'S REPORT</b><br/><b>on the Audit of Standalone Ind AS Financial Statements</b></p>   | <p style="text-align: center;"><b>Management reply on the audit observations</b><br/>(under section 134(3) of the Companies Act, 2013)</p> |
|--|--|
| <p>As part of an audit in accordance with SAs, we exercise professional judgment and maintain professional skepticism throughout the audit. We also:</p> <ul style="list-style-type: none"> <li>Identify and assess the risks of material misstatement of the Standalone Ind AS Financial Statements, whether due to fraud or error, design and perform audit procedures responsive to those risks, and obtain audit evidence that is sufficient and appropriate to provide a basis for our opinion. The risk of not detecting a material misstatement resulting from fraud is higher than for one resulting from error, as fraud may involve collusion, forgery, intentional omissions, misrepresentations, or the override of internal control.</li> </ul>   | --   |
| <ul style="list-style-type: none"> <li>Obtain an understanding of internal financial controls relevant to the audit in order to design audit procedures that are appropriate in the circumstances. Under Section 143(3)(i) of the Act, we are also responsible for expressing our opinion on whether the Company has adequate internal financial controls with reference to Standalone Ind AS Financial Statements in place and the operating effectiveness of such controls.</li> </ul>   | --   |
| <ul style="list-style-type: none"> <li>Evaluate the appropriateness of accounting policies used and the reasonableness of accounting estimates and related disclosures made by management.</li> </ul>  | --   |
| <ul style="list-style-type: none"> <li>Conclude on the appropriateness of management's use of the going concern basis of accounting and, based on the audit evidence obtained, whether a material uncertainty exists related to events or conditions that may cast significant doubt on the Company's ability to continue as a going concern. If we conclude that a material uncertainty exists, we are required to draw attention in our auditors' report to the related disclosures in the Standalone Ind AS Financial Statements or, if such disclosures are inadequate, to modify our opinion. Our conclusions are based on the audit evidence obtained up to the date of our auditors' report. However, future events or conditions may cause the Company to cease to continue as a going concern.</li> </ul> | --   |
| <ul style="list-style-type: none"> <li>Evaluate the overall presentation, structure and content of the Standalone Ind AS Financial Statements, including the disclosures, and whether the Standalone Ind AS Financial Statements represent the underlying transactions and events in a manner that achieves fair presentation.</li> </ul>  | -  |
| <p>Materiality is the magnitude of misstatements in the Standalone Ind AS Financial Statements that, individually or in aggregate, makes it probable that the economic decisions of a reasonably knowledgeable user of the Standalone Ind AS Financial Statements may be influenced. We consider quantitative materiality and qualitative factors in (i) planning the scope of our audit work and in evaluating the results of our work; and (ii) to evaluate the effect of any identified misstatements in the Standalone Ind AS Financial Statements.</p>  | --   |
| <p>We communicate with those charged with governance regarding, among other matters, the planned scope and timing of the audit and significant audit findings, including any significant deficiencies in internal control that we identify during our audit.</p>   | --   |
| <p>We also provide those charged with governance with a statement that we have complied with relevant ethical requirements regarding independence, and to communicate with them all relationships and other matters that may reasonably be thought to bear on our independence, and where applicable, related safeguards.</p>  | --   |
| <p>From the matters communicated with those charged with governance, we determine those matters that were of most significance in the audit of the Standalone Ind AS Financial Statements of the current period and are therefore the key audit matters. We describe these matters in our auditors' report unless law or regulation precludes public disclosure about the matter or when, in extremely rare circumstances, we determine that a matter should not be communicated in our report because the adverse consequences of doing so would reasonably be expected to outweigh the public interest benefits of such communication.</p>   | --   |



| <b>INDEPENDENT AUDITOR'S REPORT</b><br><b>on the Audit of Standalone Ind AS Financial Statements</b>   | <b>Management reply on the<br/>audit observations</b><br>(under section 134(3) of the<br>Companies Act, 2013) |
|--|---|
| <b>Report on Other Legal and Regulatory Requirements</b>   |   |
| 1. As required by the Companies (Auditor's Report) Order, 2020 ("the Order") issued by the Central Government of India in terms of sub-Section (11) of Section 143 of the Companies Act, 2013, we give in the Annexure A, a statement on the matters specified in the paragraph 3 and 4 of the Order.  | --  |
| 2. As required by Section 143(3) of the Companies Act, 2013 we report that:  | --  |
| a) We have sought and obtained all the information and explanations which to the best of our knowledge and belief were necessary for the purposes of our audit;  | --  |
| b) In our opinion, proper books of account as required by law have been kept by the Company so far as it appears from our examination of those books;  | --  |
| c) The Balance Sheet, the Statement of Profit and Loss including Other Comprehensive Income, Statement of Changes in Equity and the Statement of Cash Flows dealt with by this Report are in agreement with the books of account;  | --  |
| d) In our opinion, the aforesaid Standalone Ind AS Financial Statements comply with the Indian Accounting Standards (Ind AS) prescribed under Section 133 of the Companies Act, 2013;  | --  |
| e) In pursuance to the Notification No. G.S.R 463 (E) dated 05-06-2015 issued by the Ministry of Corporate Affairs, Section 164 (2) of the Companies Act, 2013 pertaining to disqualification of Directors, is not applicable to the Government Company.   | --  |
| f) With respect to the adequacy of internal financial controls with reference to Standalone Ind AS Financial Statements of the Company and the operating effectiveness of such controls, refer to our separate report in "Annexure B".   | --  |
| g) In pursuance to the Notification No. G.S.R 463 (E) dated 05-06-2015 issued by the Ministry of Corporate Affairs, Section 197 of the Companies Act, 2013 pertaining to remuneration of Directors, is not applicable to the Government Company.   | --  |
| h) With respect to the other matters to be included in the Auditors' report in accordance with Rule 11 of the Companies (Audit and Auditor's) Rules, 2014, as amended in our opinion and to the best of our information and according to the explanations given to us:   |   |
| i) The Company has disclosed the impact of pending litigations on its financial position in its Standalone Ind AS Financial Statements – Refer Additional Note 39(4A) to the Standalone Ind AS Financial Statements;   | This being a statement of fact calls for no comments separately.  |
| ii) The Company did not have any long-term contracts including derivative contracts for which there were any material foreseeable losses;  | --  |
| iii) There is no delay in transferring the amounts, which were required to be transferred to the Investor Education and Protection Fund by the Company.  | --  |
| iv) (a) The Management has represented that, to the best of its knowledge and belief, no funds (which are material either individually or in the aggregate) have been advanced or loaned or invested (either from borrowed funds or share premium or any other sources or kind of funds) by the Company to or in any other person or entity, including foreign entity ("Intermediaries"), with the understanding, whether recorded in writing or otherwise, that the Intermediary shall, whether, directly or indirectly lend or invest in other persons or entities identified in any manner whatsoever by or on behalf of the Company ("Ultimate Beneficiaries") or provide any guarantee, security or the like on behalf of the Ultimate Beneficiaries; | --  |



| <b>INDEPENDENT AUDITOR'S REPORT</b><br><b>on the Audit of Standalone Ind AS Financial Statements</b>  |  |   | <b>Management reply on the audit observations</b><br>(under section 134(3) of the Companies Act, 2013) |
|---|--|---|--|
| <p>(b) The Management has represented, that, to the best of its knowledge and belief, no funds (which are material either individually or in the aggregate) have been received by the Company from any person or entity, including foreign entity ("Funding Parties"), with the understanding, whether recorded in writing or otherwise, that the Company shall, whether, directly or indirectly, lend or invest in other persons or entities identified in any manner whatsoever by or on behalf of the Funding Party ("Ultimate Beneficiaries") or provide any guarantee, security or the like on behalf of the Ultimate Beneficiaries;</p> |  |   | --   |
| <p>(c) Based on the audit procedures that have been considered reasonable and appropriate in the circumstances, nothing has come to our notice that has caused us to believe that the representations under sub-clause (i) and (ii) of Rule 11(e), as provided under (a) and (b) above, contain any material misstatement.</p>  |  |   | --   |
| <p>v. As stated in Note 39(11) to the Standalone Ind AS Financial Statements</p> <p>(a) The final dividend proposed in the previous year, declared and paid by the Company during the year is in accordance with Section 123 of the Act, as applicable.</p>   |  |   | --   |
| <p>(b) The Board of Directors of the Company have proposed the final dividend for the year which is subject to the approval of the members at the ensuing Annual General Meeting. The amount of dividend proposed is in accordance with Section 123 of the Act, as applicable.</p>  |  |   | This being a statement of fact calls for no comments separately.                                       |
| <p>vi. Proviso to Rule 3(1) of the Companies (Accounts) Rules, 2014 for maintain books of account using accounting software which has a feature of recording audit trail (edit log) facility is applicable to the company with effect from April 1, 2023, and accordingly, reporting under Rule 11(g) of Companies (Audit and Auditors) Rules, 2014 is not applicable for the financial year ended 31<sup>st</sup> March, 2023.</p>   |  |   |  |
| <p>3. As required by the Section 143(5) of the Companies Act 2013, and as per the directions of Comptroller and Auditor General of India, we report that:</p>   |  |   |  |
| S.No.   | Directions   | Auditor's Response  |  |
| 1   | Whether the company has system in place to process all the accounting transactions through IT system? If yes, the implications of processing of accounting transactions outside IT system on the integrity of the accounts along with the financial implications, if any, may be stated.   | According to the information and explanations given to us, the Company has ERP system (SAP) to process all the accounting transactions through IT system. Our examination of the records did not reveal any transactions not coming within the purview of IT system stated above.   | This being a statement of fact calls for no comments separately.                                       |
| 2   | Whether there is any restructuring of an existing loan or cases of waiver/write off of debts/loans/interest etc. made by a lender to the company due to the company's inability to repay the loan? If yes, the financial impact may be stated. Whether such cases are properly accounted for? (In case, lender is a Government company, then this direction is also applicable for statutory auditor of lender company). | According to the information and explanations given to us by the Company, there was no restructuring or cases of waiver/write off of debts /loans/interest etc. made by the lender to the company due to company's inability to repay the loan during the year ended 31.03.2023.<br><br>As there were no such cases, reporting under this clause is not applicable. | This being a statement of fact calls for no comments separately.                                       |
| 3   | Whether funds (grants/subsidy etc.) received/receivable for specific schemes from Central/State Government or its agencies were properly accounted for/ utilized as per its term and conditions? List the cases of deviation.  | <b>CCDAC Grants</b><br>During the year, the company has recognised an amount of Rs.7.69 crores as revenue grant against protective works as per the approval accorded by CCDAC and the same has been utilised as per the terms and conditions applicable.   | This being a statement of fact calls for no comments separately.                                       |



| <b>INDEPENDENT AUDITOR'S REPORT</b><br><b>on the Audit of Standalone Ind AS Financial Statements</b> |            |   | <b>Management reply on the audit observations</b><br>(under section 134(3) of the Companies Act, 2013) |
|--|------------|---|--|
| S.No.  | Directions | Auditor's Response  |  |
| 1  |            | <p>During the year, capital grant of Rs.151.47 crores were recognised as receivable from CCDAC.</p> <p>During the year, the Company has received an amount of Rs.0.67 crore and Rs.45.04 crore towards revenue and capital grants respectively. <b>Refer Note No. 39.5.2A</b></p> <p><b>Solar Grants – Viability Gap Funding (VGF):</b></p> <p>During the year, the Company has recognised second and final instalment of VGF Grant of Rs.27 crore against the Solar Plants (Phase II). <b>Refer Note No. 39.5.2A</b></p> | This being a statement of fact calls for no comments separately.                                       |

For **Brahmayya & Co,**  
Chartered Accountants  
Firm Registration No: 000513S

For **M Anandam & Co**  
Chartered Accountants  
Firm Registration No: 000125S

For and on behalf of the Board

Sd/-  
**(T.V.Ramana)**  
Partner  
Membership No 200523  
UDIN: 23200523BGSVPX9906

Sd/-  
**(M.R Vikram)**  
Partner  
Membership No 021012  
UDIN: 23021012BHAIWE5471

Sd/-  
**(N. Sridhar)**  
Chairman & Managing Director  
DIN: 02510496

Date: 14.07.2023  
Place: Hyderabad

Date: 14.07.2023  
Place: Hyderabad

Date : 16.08.2023  
Place : Hyderabad



**Floating Solar Plant  
(5 MW) commissioned  
at Singareni  
Thermal Power Plant**



| <p><b>ANNEXURE 'A'</b><br/> <b>TO THE INDEPENDENT AUDITOR'S REPORT</b><br/>                     (Referred to in paragraph 1 of our 'Report on Other Legal and Regulatory Requirements' Section to the Members of The Singareni Collieries Company Limited of even date)</p>   | <p><b>Management reply on the audit observations (Contd...)</b><br/> <b>(under section 134(3) of the Companies Act, 2013)</b></p>                          |
|---|--|
| <p>We report that:</p>  |  |
| <p>(i) In respect of the Company's Property, Plant and Equipment and Intangible Assets,</p> <p>a) (A) The company has maintained proper records showing full particulars including quantitative details and situation of Property, Plant and Equipment, Capital work-in-progress, Investment Properties and relevant details of Right-of-use assets except in case of certain lands, where the Company is in the process of reconciling the physical records with the assets carried in the books of accounts. Refer Note No. 3.2 of Standalone Ind AS Financial Statements.</p>  | <p>The records for 33 nos of Lands mentioned in the "Annexure-C" will be made available to the Auditors for verification in the ensuing periods Audit.</p> |
| <p>(B) The company has maintained proper records showing full particulars of intangible assets.</p>   | <p>This being a statement of fact calls for no comments separately.</p>  |
| <p>b) The Company has a phased program of verification of Property, Plant and Equipment that is reasonable having regard to the size of the Company and the nature of its assets. As per the phased program as mentioned in Note No.39.5.14.E of Standalone Ind AS Financial Statements, during the year, the management has carried out physical verification of Property, Plant and Equipment and discrepancies noted have been properly dealt with, in the books of account.</p>   | <p>This being a statement of fact calls for no comments separately.</p>  |
| <p>c) Based on our examination of the property tax receipts and registered sale deed/ transfer deed/conveyance deed in respect of Free hold lands on which buildings were constructed, provided to us, we report that, the title in respect of self-constructed buildings and title deeds of all other immovable properties (other than properties where the company is the lessee and the lease agreements are duly executed in favour of the lessee), disclosed in the financial statements included under Property, Plant and Equipment are held in the name of the Company as at the balance sheet date, <b>except for the title deeds of the Lands mentioned in Annexure-C.</b> (Refer Note No. 3 of Standalone Ind AS Financial Statements)</p> | <p>This being a statement of fact calls for no comments separately.</p>  |
| <p>d) The company has not revalued any Property, Plant and Equipment (including right-of-use assets) and intangible assets during the year.</p>   | <p>This being a statement of fact calls for no comments separately.</p>  |
| <p>e) No proceedings have been initiated during the year or are pending against the Company as at 31<sup>st</sup> March, 2023 for holding any benami property under the Benami Transactions (Prohibition) Act, 1988 (as amended in 2016) and rules made thereunder.</p>   | <p>This being a statement of fact calls for no comments separately.</p>  |
| <p>(ii) (a) The inventory, except goods-in-transit has been physically verified by the management during the year under perpetual verification system. In our opinion, having regard to the size of the Company and nature of its business, the frequency of inventory verification process is reasonable and commensurate with the size of the Company. No discrepancies of 10% or more in aggregate for each class of inventory were noticed on such physical verification of inventories.</p>  | <p>This being a statement of fact calls for no comments separately.</p>  |



| <b>ANNEXURE 'A'</b><br><b>TO THE INDEPENDENT AUDITOR'S REPORT</b><br>(Referred to in paragraph 1 of our 'Report on Other Legal and Regulatory Requirements' Section to the Members of The Singareni Collieries Company Limited of even date)   | <b>Management reply on the audit observations (Contd...)</b><br><b>(under section 134(3) of the Companies Act, 2013)</b>   |
|--|--|
| (b) The company has been sanctioned working capital limits in excess of Rs. 5 crore, in aggregate from banks on the basis of security of current assets and the quarterly returns filed by the company. There were variances which were later rectified by filing revised returns on 1 <sup>st</sup> July, 2023, are in agreement with the books of account. (Refer Note No. 39(5.13) of Standalone Ind AS Financial Statements).  | This being a statement of fact calls for no comments separately.   |
| (iii) During the year, the Company has not made investments in, granted any loans or advance in the nature of loans, guarantee or security, secured or unsecured to companies, firms, limited liability partnerships or other parties. Hence, reporting on clause 3(iii) of the Order is not applicable.   | This being a statement of fact calls for no comments separately.   |
| (iv) In our opinion and according to the information and explanations given to us, the company has not granted any loans, guarantees or security. Hence, reporting under the provisions of Section 185 of the Companies Act 2013. The company has complied with the provisions of Section 186 of the Companies Act 2013.   | This being a statement of fact calls for no comments separately.   |
| (v) In our opinion the Company has neither accepted any deposits from the public nor accepted any amounts which are deemed to be deposits within the meaning of Section 73 to 76 and other applicable provisions of the Companies Act, 2013 and The Companies (Acceptance of Deposits) Rules, 2014 except for an amount of Rs.13.23 crore received as an advance for the supply of goods or services and remained unappropriated within a period of 365 days from the date of acceptance. According to the information and explanations given to us, no Order has been passed on the company by the Company Law Board or National Company Law Tribunal or Reserve Bank of India or any Court or any other Tribunal for non-compliance with the provisions of Section 73 to 76 of the Companies Act 2013. | This being a statement of fact calls for no comments separately. However, the advances collected from Coal Customers which remained unappropriated will be returned / refunded before 365 days from the date of acceptance henceforth. |
| (vi) We have broadly reviewed the books of account and records maintained by the Company pursuant to the Rules made by the Central Government for the maintenance of Cost Records under Section 148(1) of the Companies Act, 2013 and we are of the opinion that prima facie the prescribed accounts and records have been made and maintained. We have not however, made detailed examination of the records with the view to determine whether they are complete.  | This being a statement of fact calls for no comments separately.   |
| (vii) (a) According to the information and explanations given to us and on the basis of our examination of the records of the company, the Company has generally been regular in depositing with the appropriate authorities, the undisputed statutory dues including Coal Mine Provident Fund, Income Tax, Goods and Services Tax, Duty of Customs, Cess and other statutory dues applicable to it and details of undisputed statutory dues as at 31 <sup>st</sup> March 2023 outstanding for a period of more than six months from the date they became payable are given below:   | This being a statement of fact calls for no comments separately.   |

**ANNEXURE 'A'****TO THE INDEPENDENT AUDITOR'S REPORT**

(Referred to in paragraph 1 of our 'Report on Other Legal and Regulatory Requirements' Section to the Members of The Singareni Collieries Company Limited of even date)

**Management reply on the audit observations (Contd...)**  
**(under section 134(3) of the Companies Act, 2013)**

| Name of the Statute   | Nature of the Dues                                 | Amount (Rs. in crore) | Period to which the amount relates | Due Date   | Date of Payment | Remarks  |
|---|--|-----------------------|------------------------------------|--|-----------------|----------|
| Mines and Minerals (Development and Regulation) Act, 1957           | Contribution to District Mineral Foundation        | 789.96                | Upto 31-03-2022                    | -  | -               | Not Paid |
|   |  | 273.87                | April, 2022 to August, 2022        | 31/05/2022<br>30/06/2022<br>31/07/2022<br>31/08/2022<br>30/09/2022 | -               | Not Paid |
|   | Contribution to National Mineral Exploration Trust | 97.79                 | Upto 31-03-2022                    | -  | -               | Not Paid |
|   |  | 18.26                 | April, 2022 to August, 2022        | 31/05/2022<br>30/06/2022<br>31/07/2022<br>31/08/2022<br>30/09/2022 | -               | Not Paid |
| The Building and Other Construction Workers' Welfare Cess Act, 1996 | Building Cess                                      | 30.38                 | FY 2007-08 to FY 2022-23           | -  | -               | Not Paid |

These statutory dues towards DMFT and NMET are pending for remittance as there is abnormal delay in realization of dues from power customers in particular TSGENCO & TSTRANSCO.

As soon as the amounts are realized from power customers the statutory dues viz. DMFT and NMET shall be remitted to the Government.

Regarding Building and Other Construction Workers' Welfare Cess liability is crystalized in pursuance of Hon'ble High Courts

Order on the Writ Petition filed by the Company. The same will be remitted after firming up of the applicability on the works carried out in the Company Shortly.

- (b) According to the information and explanations given to us and the records of the company examined by us, the particulars of disputed statutory dues as at 31<sup>st</sup> March, 2023 which have not been deposited are as under:

**ANNEXURE 'A'****TO THE INDEPENDENT AUDITOR'S REPORT**

(Referred to in paragraph 1 of our 'Report on Other Legal and Regulatory Requirements' Section to the Members of The Singareni Collieries Company Limited of even date)

**Management reply on the audit observations (Contd...)**

(under section 134(3) of the Companies Act, 2013)

| S. No | Name of the Statute   | Nature of Dues  | Amount not deposited (in Rs. Lakhs) | Period for which the demand pertains to                             | Forum where dispute is pending (2019-20)             |
|-------|---|---|-------------------------------------|---|--|
| 1     | The Central Excise Act, 1944  | Clean Energy Cess on captive consumption of coal                    | 0.15                                | February, 2012 to November, 2012 and August, 2013 to December, 2014 | Dy. Commissioner of Customs and Central Excise       |
|       |   |   | 0.018                               | December, 2012 to July, 2013 and January, 2016 to December, 2016    | Assistant Commissioner of Customs and Central Excise |
|       |   |   | 0.034                               | January, 2015 to December, 2015                                     | Joint Commissioner of Customs and Central Excise     |
|       |   |   | 213.39                              | As on 30.06.2017  | CESTAT   |
|       |   | Education Cess and Secondary & Higher Education Cess on Excise Duty | 0.78                                | March, 2011   | Commissioner of Customs and Central Excise           |
|       | Excise duty   | 5.18  | March, 2011 to June, 2015           | CESTAT  |  |
| 2     | Finance Act, 1994   | Service Tax   | 337.64                              | Prior to 2012   | CESTAT, Bangalore                                    |
|       |   |   | 1.54                                | April, 2013 to June, 2017   | CESTAT, Hyderabad                                    |
|       |   |   | 97.72                               | FY 2016-17 & FY 2017-18   | Commissioner of Central Tax & Customs                |
| 3     | APGST Act, 1957   | Sales Tax   | 1.10                                | FY 2001-02  | High Court   |
| 4     | Andhra Pradesh Tax on Professions, Trades, Callings and Employments Act, 1987 | Professional tax  | 289.26                              | FY 1990-91 to 2022-23   | Deputy. C.T.O, Kothagudem                            |
| 5     | Entry Tax Act 2001  | Entry tax   | 26.87                               | FY 2003-04, FY 2011-12 to FY 2017-18                                | High Court   |
| 6     | AP Motor Vehicles Act   | Life Tax on Motor Vehicles  | 2.09                                | Various years up to 2011-12   | High Court   |
| 7     | AP Motor Vehicles Act   | Entry tax on HEMM   | 77.03                               | 2007-08 to 2017-18  | High Court   |
| 8     | Income Tax Act, 1961  | Income Tax  | 132.16                              | FY 2015-16, FY 2017-18 and FY 2019-20                               | CIT (Appeals), National Faceless Appeal Centre       |

The Appeals at various stages are being contested by the Company with the help of Professional Firms wherever necessary for an early and favorable settlement.





| <b>ANNEXURE 'A'</b>   |   |                              |  |  |                                       | <b>Management reply on the audit observations (Contd...)</b><br>(under section 134(3) of the Companies Act, 2013)  |
|---|---|------------------------------|--|--|---------------------------------------|--|
| <b>TO THE INDEPENDENT AUDITOR'S REPORT</b><br>(Referred to in paragraph 1 of our 'Report on Other Legal and Regulatory Requirements' Section to the Members of The Singareni Collieries Company Limited of even date) |   |                              |  |  |                                       |  |
| <b>S. No</b>  | <b>Name of the Statute</b>  | <b>Nature of Dues</b>        | <b>Amount not deposited (in Rs. Lakhs)</b> | <b>Period for which the demand pertains to</b> | <b>Forum where dispute is pending</b> |  |
| 9   | The Workmen's Compensation Act, 1923  | Workmen's Compensation       | 1.93                                       | Various years                                  | At different forums                   | The Appeals at various stages are being contested by the Company with the help of Professional Firms wherever necessary for an early and favorable settlement. |
| 10  | The Forest Rights Act, 2006   | Diversion for surface rights | 7.91                                       | 2007-08  | Forest Divisional Officer             |  |
| (viii)  | There were no transactions relating to previously unrecorded income that have been surrendered or disclosed as income during the year in the tax assessments under the Income Tax Act, 1961 (43 of 1961). Hence, reporting under clause 3(viii) is not applicable.                    |                              |  |  |                                       | This being a statement of fact calls for no comments separately.   |
| (ix)  | (a) According to the records of the company examined by us, and the information and explanations given to us, there were no defaults in repayment of loans or other borrowings or in the payment of interest thereon to any lender during the year under report.                      |                              |  |  |                                       | This being a statement of fact calls for no comments separately.   |
|   | (b) The company has not been declared wilful defaulter by any bank or financial institution or other lender.  |                              |  |  |                                       | This being a statement of fact calls for no comments separately.   |
|   | (c) In our opinion and according to the information and explanations given to us by the management, terms loans were applied for the purpose for which the loans were obtained.   |                              |  |  |                                       | This being a statement of fact calls for no comments separately.   |
|   | (d) On an overall examination of the financial statements of the Company, funds raised on short-term basis have, prima facie, not been used during the year for long-term purposes by the Company.  |                              |  |  |                                       | This being a statement of fact calls for no comments separately.   |
|   | (e) On an overall examination of the financial statements of the company, the company has not taken any funds from any entity or person on account of or to meet the obligations of its subsidiary and its joint ventures.  |                              |  |  |                                       | This being a statement of fact calls for no comments separately.   |
|   | (f) The company has not raised loans during the year on the pledge of securities held in its subsidiary and joint venture.  |                              |  |  |                                       | This being a statement of fact calls for no comments separately.   |
| (x)   | (a) The Company has not raised monies by way of initial public offer or further public offer (including debt instruments) during the year. Hence, reporting under clause 3(x)(a) of the Order is not applicable.  |                              |  |  |                                       | This being a statement of fact calls for no comments separately.   |
|   | (b) During the year, the Company has not made any preferential allotment or private placement of shares or convertible debentures (fully or partly or optionally). Hence, reporting under clause 3(x)(b) of the Order is not applicable.  |                              |  |  |                                       | This being a statement of fact calls for no comments separately.   |
| (xi)  | (a) To the best of our knowledge and according to the information and explanations given to us, during the year no material fraud by the company has been noticed and material frauds has been reported as detailed hereunder, on the company by its officers or employees or others. |                              |  |  |                                       | This being a statement of fact calls for no comments separately.   |



| <b>ANNEXURE 'A'</b><br><b>TO THE INDEPENDENT AUDITOR'S REPORT</b>   |  |                                       | <b>Management reply on the audit observations (Contd...)</b>  |
|---|--|---------------------------------------|---|
| (Referred to in paragraph 1 of our 'Report on Other Legal and Regulatory Requirements' Section to the Members of The Singareni Collieries Company Limited of even date) |  |                                       | (under section 134(3) of the Companies Act, 2013)   |
| <b>Sl. No</b>   | <b>Nature of Fraud</b>   | <b>Amount involved (Rs. in Crore)</b> | Vigilance department carries out investigations on issues referred to it, based on the complaints and regularly keeps vigil on different managerial aspects and systems for detecting and preventing frauds, irregularities and procedural deviations. The frauds reported are as per the vigilance activities. |
| 1   | Pilferage of scrap   | 0.22                                  |   |
| 2   | Fake dependent employee claims   | 6.13                                  |   |
| (b)   | During the year, no report under sub-Section (12) of Section 143 of the Companies Act has been filed in Form ADT- 4 as prescribed under rule 13 of Companies (Audit and Auditors) Rules, 2014 with the Central Government.   |                                       | This being a statement of fact calls for no comments separately.  |
| (c)   | As represented to us by the management, there are no whistle blower complaints received by the Company during the year.  |                                       | This being a statement of fact calls for no comments separately.  |
| (xii)   | The Company is not a Nidhi Company and hence reporting under clause 3(xii) of the Order is not applicable.   |                                       | This being a statement of fact calls for no comments separately.  |
| (xiii)  | According to the information and explanations given to us and the records of the company examined by us, the transactions with the related parties are not in compliance with the Section 177 and Section 188 of the Companies Act, 2013 and the details of related party transactions have been disclosed in the Standalone Ind AS Financial Statements as required by the applicable accounting standards. |                                       | This being a statement of fact calls for no comments separately.  |
| (xiv)   | (a) In our opinion the company has an adequate internal audit system commensurate with the size and the nature of its business.  |                                       | This being a statement of fact calls for no comments separately.  |
|   | (b) We have considered the internal audit reports for the year under audit, issued to the Company during the year and till date, in determining the nature, timing and extent of our audit procedures.   |                                       | This being a statement of fact calls for no comments separately.  |
| (xv)  | The Company has not entered into non-cash transactions with directors or persons connected with its directors, and hence provisions of Section 192 of the Companies Act, 2013 are not applicable to the Company.   |                                       | This being a statement of fact calls for no comments separately.  |
| (xvi)   | (a) In our opinion, the Company is not required to be registered under Section 45-IA of the Reserve Bank of India Act, 1934. Hence, reporting under clause 3(xvi)(a) of the Order is not applicable.   |                                       | This being a statement of fact calls for no comments separately.  |
|   | (b) The Company is not engaged in any non-banking financial housing finance activities. Accordingly, the requirement to report on clause 3(xvi)(b) of the Order is not applicable to the Company.  |                                       | This being a statement of fact calls for no comments separately.  |
|   | (c) The Company is not a core investment company as defined in the Regulations made by the Reserve Bank of India. Accordingly, the requirement to report on clause 3(xvi)(c) of the Order is not applicable to the Company.  |                                       | This being a statement of fact calls for no comments separately.  |
|   | (d) In our opinion, there is no core investment company within the Group (as defined in the Core Investment Companies (Reserve Bank) Directions, 2016) and accordingly reporting under clause 3(xvi)(d) of the Order is not applicable.  |                                       | This being a statement of fact calls for no comments separately.  |
| (xvii)  | The Company has not incurred cash losses during the financial year covered by our audit and in the immediately preceding financial year.   |                                       | This being a statement of fact calls for no comments separately.  |



| <p><b>ANNEXURE 'A'</b><br/><b>TO THE INDEPENDENT AUDITOR'S REPORT</b></p> <p>(Referred to in paragraph 1 of our 'Report on Other Legal and Regulatory Requirements' Section to the Members of The Singareni Collieries Company Limited of even date)</p>   | <p><b>Management reply on the audit observations (Contd...)</b><br/>(under section 134(3) of the Companies Act, 2013)</p>                       |
|--|---|
| <p>(xviii) There has been no resignation of the statutory auditors of the Company during the year. Hence, reporting under clause 3(xviii) of the Order is not applicable.</p>  | <p>This being a statement of fact calls for no comments separately.</p>   |
| <p>(xix) On the basis of the financial ratios, ageing and expected dates of realisation of financial assets and payment of financial liabilities, other information accompanying the Standalone Ind AS Financial Statements, the auditors' knowledge of the Board of Directors and management plans and based on our examination of the evidence supporting the assumptions, nothing has come to our attention, which causes us to believe that any material uncertainty exists as on the date of the audit report indicating that company is not capable of meeting its liabilities existing at the date of balance sheet as and when they fall due within a period of one year from the balance sheet date. We, however, state that this is not an assurance as to the future viability of the Company. We further state that our reporting is based on the facts up to the date of the audit report and we neither give any guarantee nor any assurance that all liabilities falling due within a period of one year from the balance sheet date, will get discharged by the Company as and when they fall due.</p> | <p>This being a statement of fact calls for no comments separately.</p>   |
| <p>(xx) (a) There are no unspent amounts towards Corporate Social Responsibility (CSR) other than ongoing projects requiring a transfer to a Fund specified in Schedule VII to the Companies Act within a period of six months of expiry of the financial year in compliance with second proviso to sub-Section (5) of Section 135 of the said Act. Accordingly, reporting under clause 3(xx)(a) of the Order is not applicable for the year.</p> <p>(b) An amount of Rs.32.66 crores which is remaining unspent pursuant to ongoing projects has been transferred to a special account in compliance with the provision of sub-Section 6 of Section 135 of the Companies Act, 2013. Refer Note No. 39(5.15) of the Standalone Ind AS Financial Statements.</p>  | <p>This being a statement of fact calls for no comments separately.</p> <p>This being a statement of fact calls for no comments separately.</p> |

For **Brahmayya & Co,**  
Chartered Accountants  
Firm Registration No: 000513S

For **M Anandam & Co**  
Chartered Accountants  
Firm Registration No: 000125S

**For and on behalf of the Board**

Sd/-  
**(T.V.Ramana)**  
Partner  
Membership No 200523  
UDIN: 23200523BGSVPX9906

Sd/-  
**(M.R Vikram)**  
Partner  
Membership No 021012  
UDIN: 23021012BHAIWE5471

Sd/-  
**(N. Sridhar)**  
Chairman & Managing Director  
DIN: 02510496

Date: 14.07.2023  
Place: Hyderabad

Date: 14.07.2023  
Place: Hyderabad

Date : 16.08.2023  
Place : Hyderabad



|  |   |
|--|---|
| <p><b>ANNEXURE 'B'</b><br/><b>TO THE INDEPENDENT AUDITOR'S REPORT</b></p> <p>(Referred to in paragraph 2(f) under 'Report on Other Legal and Regulatory Requirements' Section of our report to the Members of <b>The Singareni Collieries Company Limited</b> of even date)</p>  | <p><b>Management reply on the audit observations (Contd...)</b><br/>(under section 134(3) of the Companies Act, 2013)</p> |
| <p><b>Report on the Internal Financial Controls under Clause (i) of Sub-Section 3 of Section 143 of the Companies Act, 2013 ("the Act")</b></p> <p>We have audited the internal financial controls with reference to the financial statements of <b>The Singareni Collieries Company Limited</b> ("the Company") as of 31<sup>st</sup> March, 2023 in conjunction with our audit of the Standalone Ind AS Financial Statements of the Company for the year ended on that date.</p>   | <p>This being a statement of fact calls for no comments separately.</p>   |
| <p><b>Management's Responsibility for Internal Financial Controls</b></p> <p>The Management of the Company is responsible for establishing and maintaining internal financial controls based on the internal controls over financial reporting criteria established by the Company considering the essential components of internal control stated in the Guidance Note on Audit of Internal Financial Controls over Financial Reporting issued by the Institute of Chartered Accountants of India. These responsibilities include the design, implementation and maintenance of adequate internal financial controls that were operating effectively for ensuring the orderly and efficient conduct of its business, including adherence to the Company's policies, the safeguarding of its assets, the prevention and detection of frauds and errors, the accuracy and completeness of the accounting records, and the timely preparation of reliable financial information, as required under the Companies Act, 2013.</p>  | <p>This being a statement of fact calls for no comments separately.</p>   |
| <p><b>Auditors' Responsibility</b></p> <p>Our responsibility is to express an opinion on the internal financial controls with reference to the Standalone Ind AS Financial Statements of the Company based on our audit. We conducted our audit in accordance with the Guidance Note on Audit of Internal Financial Controls Over Financial Reporting (the "Guidance Note") issued by the Institute of Chartered Accountants of India and the Standards on Auditing prescribed under Section 143(10) of the Companies Act, 2013, to the extent applicable to an audit of internal financial controls. Those Standards and the Guidance Note require that we comply with ethical requirements and plan and perform the audit to obtain reasonable assurance about whether adequate internal financial controls over financial reporting was established and maintained and if such controls operated effectively in all material respects.</p> <p>Our audit involves performing procedures to obtain audit evidence about the adequacy of the internal financial controls system with reference to Standalone Ind AS Financial Statements and their operating effectiveness. Our audit of internal financial controls with reference to Standalone Ind AS Financial Statements included obtaining an understanding of internal financial controls with reference to Standalone Ind AS Financial Statements, assessing the risk that a material weakness exists, and testing and evaluating the design and operating effectiveness of internal control based on the assessed risk.</p> <p>The procedures selected depend on the auditors' judgment, including the assessment of the risks of material misstatement of the financial statements, whether due to fraud or error.</p> | <p>This being a statement of fact calls for no comments separately.</p>   |



|   |   |
|---|---|
| <p><b>ANNEXURE 'B'</b><br/><b>TO THE INDEPENDENT AUDITOR'S REPORT</b></p> <p>(Referred to in paragraph 2(f) under 'Report on Other Legal and Regulatory Requirements' Section of our report to the Members of <b>The Singareni Collieries Company Limited</b> of even date)</p>   | <p><b>Management reply on the audit observations (Contd...)</b><br/>(under section 134(3) of the Companies Act, 2013)</p>   |
| <p><b>Meaning of Internal Financial Controls with reference to Standalone Ind AS Financial Statements</b></p> <p>A company's internal financial control with reference to Standalone Ind AS Financial Statements is a process designed to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles. A company's internal financial control with reference to Standalone Ind AS Financial Statements includes those policies and procedures that,</p>   | <p>This being a statement of fact calls for no comments separately.</p>   |
| <p>(1) Pertain to the maintenance of records that, in reasonable detail, accurately and fairly reflect the transactions and dispositions of the assets of the company;</p>  | <p>This being a statement of fact calls for no comments separately.</p>   |
| <p>(2) Provide reasonable assurance that transactions are recorded as necessary to permit preparation of financial statements in accordance with generally accepted accounting principles, and that receipts and expenditures of the company are being made only in accordance with authorisations of management and directors of the company; and</p>  | <p>This being a statement of fact calls for no comments separately.</p>   |
| <p>(3) Provide reasonable assurance regarding prevention or timely detection of unauthorised acquisition, use, or disposition of the company's assets that could have a material effect on the financial statements.</p>  | <p>This being a statement of fact calls for no comments separately.</p>   |
| <p><b>Inherent limitations of Internal Financial Controls with reference to Standalone Ind AS Financial Statements</b></p> <p>Because of the inherent limitations of internal financial controls with reference to Standalone Ind AS Financial Statements, including the possibility of collusion or improper management override of controls, material misstatements due to error or fraud may occur and not be detected. Also, projections of any evaluation of the internal financial controls with reference to Standalone Ind AS Financial Statements to future periods are subject to the risk that the internal financial control with reference to Standalone Ind AS Financial Statements may become inadequate because of changes in conditions, or that the degree of compliance with the policies or procedures may deteriorate.</p> | <p>This being a statement of fact calls for no comments separately.</p>   |
| <p><b>Qualified Opinion</b></p> <p>According to the information and explanations given to us and based on our audit, the following material weaknesses have been identified in the operating effectiveness of the Company's internal financial controls with reference to Standalone Ind AS Financial Statements as at 31<sup>st</sup> March, 2023:</p>   |   |
| <p>a) The joint reconciliation of major customers especially with regards to the power dues from TSDISCOMs/TSPCC is pending since FY 2019-20 which could potentially result in loss to the Company without establishing reasonable certainty of ultimate collection.</p>  | <p>The Joint Reconciliation statements in respect of Power dues were submitted for the pending periods and are under process with TSPCC. The joint Reconciliation statements are likely to be signed shortly as the processing of statements in TSPCC is in advance stage. In Future, Balance Confirmation will be obtained Periodically. In respect of Coal dues, Joint Reconciliation of all major Coal Customer is being taken up regularly.</p> |



|  |  |
|--|--|
| <p><b>ANNEXURE 'B'</b><br/><b>TO THE INDEPENDENT AUDITOR'S REPORT</b></p> <p>(Referred to in paragraph 2(f) under 'Report on Other Legal and Regulatory Requirements' Section of our report to the Members of <b>The Singareni Collieries Company Limited</b> of even date)</p>  | <p><b>Management reply on the audit observations (Contd...)</b><br/>(under section 134(3) of the Companies Act, 2013)</p>  |
| <p>b) Penalties imposed/imposable on violation of Environment Clearance (EC) conditions related to rated production. In view of this, there is a material weakness in the internal control mechanism with regard to the monitoring of the EC conditions.</p>   | <p>The violations already occurred in respect of production are being ratified in the form of Remedial Action Plan. However, necessary controls will be exercised to ensure that EC conditions are not violated in respect of production quantities in future.</p> |
| <p>A 'material weakness' is a deficiency, or a combination of deficiencies, in internal financial control over financial reporting, such that there is a reasonable possibility that a material misstatement of the company's annual financial statements will not be prevented or detected on a timely basis.</p>   |  |
| <p>In our opinion, the Company has, in all material respects, maintained adequate internal financial controls with reference to the Standalone Ind AS Financial Statements as of 31<sup>st</sup> March, 2023, based on "the internal control over financial reporting criteria established by the Company considering the essential components of internal controls stated in the Guidance Note on Audit of Internal Financial Controls Over Financial Reporting issued by the Institute of Chartered Accountants of India", and except for the effects/possible effects of the material weaknesses described above on the achievement of the objectives of the control criteria, the Company's internal financial controls with reference to the Standalone Ind AS Financial Statements were operating effectively as of 31<sup>st</sup> March, 2023.</p> | <p>This being a statement of fact calls for no comments separately.</p>  |
| <p>We have considered the material weaknesses identified and reported above in determining the nature, timing, and extent of audit tests applied in our audit of Standalone Ind AS financial statements of the Company for the year ended 31<sup>st</sup> March, 2023, and these material weaknesses do not affect our opinion on the Standalone Ind AS Financial Statements of the Company.</p>   | <p>This being a statement of fact calls for no comments separately.</p>  |

For **Brahmayya & Co,**  
Chartered Accountants  
Firm Registration No: 000513S

Sd/-  
**(T.V.Ramana)**  
Partner  
Membership No 200523  
UDIN: 23200523BGSVPX9906

Date: 14.07.2023  
Place: Hyderabad

For **M Anandam & Co**  
Chartered Accountants  
Firm Registration No: 000125S

Sd/-  
**(M.R Vikram)**  
Partner  
Membership No 021012  
UDIN: 23021012BHAIWE5471

Date: 14.07.2023  
Place: Hyderabad

**For and on behalf of the Board**

Sd/-  
**(N. Sridhar)**  
Chairman & Managing Director  
DIN: 02510496

Date : 16.08.2023  
Place : Hyderabad

**ANNEXURE 'C' TO THE INDEPENDENT AUDITOR'S REPORT****List of Assets (Lands) for which title deeds were not available as on 31<sup>st</sup> March, 2023**

| Sl. No | Asset code.    | Description                                       | Extent | UOM  | Capitalisation date | End book value | Area          |
|--------|----------------|---|--------|------|---------------------|----------------|---------------|
| 1      | 111100000779   | Deposit For Afforestation 16.10                   | -      | No.s | 01-Apr-1986         | 25,409.00      | BPA           |
| 2      | 111100000826   | Comp-Land Acq.A10.25-Pipeline                     | -      | No.s | 01-Apr-2005         | 2,70,724.00    | BPA           |
| 3      | 111100000831   | Land Compensation-A8.17 Gts                       | -      | No.s | 01-Oct-2005         | 2,78,025.00    | BPA           |
| 4      | 111200000031   | 10.30 Goleti-1                                    | -      | No.s | 01-Apr-1992         | 0.00           | BPA           |
| 5      | 111200000043   | DorliOcp - Mining Lease- Exp                      | -      | No.s | 01-Nov-2004         | 0.00           | BPA           |
| 6      | 111200000052   | Govt.LandApp.Rd&Trnsm.Line                        | 0.22   | ACR  | 01-May-2007         | 1.00           | BPA           |
| 7      | 111300000177   | Boipalli 32.12 Acre                               | -      | No.s | 01-Apr-1977         | 8,346.00       | BPA           |
| 8      | 111300000186   | Quarters Narasapur Block(Res.F                    | -      | No.s | 01-Apr-1983         | 5,913.56       | BPA           |
| 9      | 111400000549   | Ocp-2 Rcc Pillars At Res. Fore                    | -      |      | 01-Apr-2000         | 1.00           | BPA           |
| 10     | 111300000002   | Revenue Staff Deputation Char L/Acquisition       | -      | ACR  | 01-Apr-1966         | 669.00         | KGM           |
| 11     | 111300000004   | Spl Staff Salary Appointed For L/Acquisition      | -      | ACR  | 01-Apr-1985         | 92,510.00      | KGM           |
| 12     | 111300000198   | PWD Road To Stores Approach Road (Acs3-22)        | 3.22   | ACR  | 01-Apr-1968         | 1,061.00       | MMR           |
| 13     | 111300000199   | RKP RLY.SIDING (Acs 41-00)                        | 41.00  | ACR  | 01-Apr-1970         | 9,074.00       | MMR           |
| 14     | 111300000206   | KK-1 CSP Rly Siding ( Acs.01-04gts)               | 1.04   | ACR  | 01-Apr-1965         | 384.00         | MMR           |
| 15     | 111300000217   | KK-2 Banglow Area Qtrts                           | 25.00  | ACR  | 01-Apr-1959         | 3,721.00       | MMR           |
| 16     | 111400000315   | Kk2 (Acs 22-00+03-04 Gts) Sy. No. 129/2,125 123/3 | 25.25  | ACR  | 01-04-1960          | 4,901.00       | MMR           |
| 17     | 111200000273   | Govt Land (1304 Project)                          | 30.11  | ACR  | 01-Apr-2000         | 0.92           | MNG           |
| 18     | 111100001394   | Janagaon  | 20.26  | ACR  | 01-Apr-1997         | 12,041.00      | RG-I          |
| 19     | 111100000030   | Lands Gdk No 8 Incline                            | 2.87   | ACR  | 01-Apr-2006         | 26,35,022.92   | RG-II         |
| 20     | 111100000064   | 28.11 Jallaram                                    | 28.11  | ACR  | 01-Apr-1991         | 1.00           | RG-II         |
| 22     | 111100000066   | Land of Jallaram                                  | 1.00   | ACR  | 01-Apr-1975         | 27,813.00      | RG-II         |
| 23     | 111100000070   | Lands Gdk 8 Incline Colony                        | 153.27 | ACR  | 01-Apr-2006         | 4,40,850.00    | RG-II         |
| 24     | 111100000071   | Lands Gdk 8 Incline Colony                        | 48.16  | ACR  | 01-Apr-2006         | 2,98,039.00    | RG-II         |
| 25     | 111100000073   | Land of Jallaram                                  | 1.00   | ACR  | 01-Apr-1990         | 53,440.00      | RG-II         |
| 26     | 111100000076   | Land of Jallaram                                  | 1.00   | ACR  | 01-Apr-1988         | 14,27,097.00   | RG-II         |
| 27     | 111100000078   | Alluru 108.16 Acrs                                | 108.16 | ACR  | 01-Apr-1989         | 43,50,625.00   | RG-II         |
| 28     | 111100000083   | Jallaram Op 358/87                                | -      | ACR  | 01-Apr-1990         | 15,30,501.00   | RG-II         |
| 29     | 111100000098   | Land of Jallaram                                  | 1.00   | ACR  | 01-Apr-1975         | 5,905.00       | RG-II         |
| 30     | 111300000012   | 37.14 Jallaram                                    | 37.14  | ACR  | 01-Apr-1973         | 1.00           | RG-II         |
| 31     | 111400000448   | MAREDUPAKA - For OCP3                             | 1.00   | ACR  | 01-Apr-1990         | 1,16,601.00    | RG-II         |
| 32     | 111100000984   | Lands   | -      |      | 01-Apr-1983         | 94,33,596.00   | YLD           |
| 33     | Multiple codes | Lands   | 726.54 | ACR  | Various dates       | Not quantified | RG-II& RG-III |

For **Brahmayya & Co,**  
Chartered Accountants  
Firm Registration No: 000513S

Sd/-  
**(T.V.Ramana)**  
Partner  
Membership No 200523  
UDIN: 23200523BGSPVX9906

Date: 14.07.2023  
Place: Hyderabad

For **M Anandam & Co**  
Chartered Accountants  
Firm Registration No: 000125S

Sd/-  
**(M.R Vikram)**  
Partner  
Membership No 021012  
UDIN: 23021012BHAIWE5471

Date: 14.07.2023  
Place: Hyderabad

For and on behalf of the Board

Sd/-  
**(N. Sridhar)**  
Chairman & Managing Director  
DIN: 02510496

Date : 16.08.2023  
Place : Hyderabad



| <p style="text-align: center;"><b>INDEPENDENT AUDITOR'S REPORT</b><br/><b>on the Audit of Consolidated Ind AS Financial Statements</b></p>   | <p style="text-align: center;"><b>Management reply on the audit observations</b><br/>(under section 134(3) of the Companies Act, 2013)</p> |
|--|--|
| <p>To the Members of<br/>The Singareni Collieries Company Limited</p> <p><b>Report on the Audit of the Consolidated Ind AS Financial Statements:</b></p> <p><b>Opinion</b></p> <p>We have audited the accompanying Consolidated Ind AS Financial Statements of The Singareni Collieries Company Limited ("the Holding company") its subsidiary, Andhra Pradesh Heavy Machinery and Engineering Limited (Holding company and its subsidiary together referred as "the Group"), comprising the Consolidated Balance Sheet as at 31<sup>st</sup> March, 2023, the Consolidated Statement of Profit and Loss (including Other Comprehensive Income), the Consolidated Statement of Changes in Equity and the Consolidated Statement of Cash Flows for the year ended on that date, and notes to the Consolidated Ind AS Financial Statements, including a summary of the significant accounting policies (hereinafter referred to as "the Consolidated Ind AS Financial Statements").</p>  | --   |
| <p>In our opinion and to the best of our information and according to the explanations given to us, the aforesaid Consolidated Ind AS Financial Statements give the information required by the Companies Act, 2013 (the "Act") in the manner so required and give a true and fair view in conformity with the accounting principles generally accepted in India, of the consolidated state of affairs of the Group as at 31<sup>st</sup> March, 2023, the consolidated profit, consolidated total comprehensive income, consolidated changes in equity and its consolidated cash flows for the year ended on that date.</p>   | --   |
| <p><b>Basis for Opinion</b></p> <p>We conducted our audit of the Consolidated Ind AS Financial Statements in accordance with the Standards on Auditing (SAs) specified under section 143(10) of the Act (SAs). Our responsibilities under those Standards are further described in the <i>Auditors' Responsibilities for the Audit of the Consolidated Ind AS Financial Statements</i> section of our report. We are independent of the Group in accordance with the Code of Ethics issued by the Institute of Chartered Accountants of India (ICAI) together with the independence requirements that are relevant to our audit of the Consolidated Ind AS Financial Statements under the provisions of the Act and the Rules made thereunder, and we have fulfilled our other ethical responsibilities in accordance with these requirements and the ICAI's Code of Ethics. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinion on the Consolidated Ind AS Financial Statements.</p> | --   |
| <p><b>Key Audit Matters</b></p> <p>Key Audit matters are those matters that in our professional judgment, were of most significance in our audit of the Consolidated Ind AS Financial Statements of the current period. These matters were addressed in the context of our audit of the financial statements as a whole, and in forming our opinion thereon, and we do not provide a separate opinion on these matters. We have determined the matters described below to be the key audit matters in respect of the Holding company to be communicated in our report.</p>   | <p>This being a statement of fact calls for no comments separately.</p>  |





**INDEPENDENT AUDITOR'S REPORT**  
**on the Audit of Consolidated Ind AS Financial Statements**

**Management reply on the  
audit observations**  
(under section 134(3) of the  
Companies Act, 2013)

| Sl.<br>no | Key Audit Matter  | Auditor's Response  |   |
|-----------|---|---|---|
| 1         | <p><b>Provisions and Contingent Liabilities:</b></p> <p><b>A. Provision for Mine closure, Site Restoration and Decommissioning obligation:</b></p> <p>The company is accounting for provision towards its obligation for mine closure, site restoration and decommissioning based on detailed calculations and technical assessment and timing of the future cash spending to perform the required work. The estimated cost is inflated to the year in which such cost is to be incurred. The said provision is required to be discounted to the present value. This measurement of discounting rate capturing the real finance cost involves high inherent uncertainty.</p> <p>Further, Ministry of Environment and Forests' stipulations involves reducing the depth of the final void of certain open cast mines to 30/35/40 meters from surface either by backfilling of overburden or maintenance of water body. Environmental clearance was received in respect of OC mines for which the company proposed to maintain the final void as water bodies. The estimation of cost per hectare of final void based on final void area, necessary engineering interventions and other required activities is made by in-house technical professional and outside technical experts in Mining, Project planning and environmental fields. This area involves significant management judgement and estimates that have been identified as having high estimation uncertainty.</p> | <p><b>Principal audit procedures:</b></p> <p>Our audit procedures included the following –</p> <ul style="list-style-type: none"> <li>• Evaluated the approach adopted by the company in determining the expected costs of decommissioning.</li> <li>• Identified the cost assumptions used that have the most significant impact on the provisions and tested the appropriateness of these assumptions.</li> <li>• Reviewed the appropriateness of discount and inflation rates used in the estimation.</li> <li>• Verified the unwinding of interest as well as understanding if any restoration was undertaken during the year.</li> <li>• Relied on the judgements of the internal &amp; external technical experts for the use of technical evaluation.</li> <li>• Performed a review to ensure that all key movements were understood, corroborated and recorded correctly.</li> <li>• Assessed the appropriateness of the disclosures made in the Consolidated Ind AS Financial Statements.</li> </ul> | <p>The Auditors have reported this issue as a Key Audit Matter in view of its significance and materiality involved. They have also mentioned the Audit Procedure followed by them.</p> <p>This being a statement of fact calls for no comments separately.</p> |



**INDEPENDENT AUDITOR'S REPORT**  
on the Audit of Consolidated Ind AS Financial Statements

**Management reply on the  
audit observations**  
(under section 134(3) of the  
Companies Act, 2013)

| Sl. no | Key Audit Matter   | Auditor's Response  |   |
|--------|--|---|---|
|        | <p><b>B. Provision for Overburden Removal</b></p> <p>The Company is accounting the expenditure incurred on Overburden (OB) removal- Stripping cost with respect to Open Cast (OC) mines at projected Stripping Ratio which is estimated by the Management irrespective of the ratio of Actual OB removal during any particular year. This estimation involves significant judgements to be made by the Management. The Company reviews the stripping ratios of all OC Projects once in three years. However, revision/re-estimation of stripping ratios may be necessitated owing to significant changes in the Mining and geological structures, recommendation of scientific studies of high wall, the dump stability and statutory restrictions imposed by Government authorities, reorganisation/ closure of mines and changes in reserves of Coal &amp; overburden due to various reasons such as Bore Hole density and Risk of difference in Reserves, Geological disturbances, shifting of seam In-crops, Risk of Grade Slippage etc. In case any such significant deviation occurs, such review is being taken up on occurrence.</p> | <p><b>Principal audit procedures:</b></p> <p>Our audit procedures included the following –</p> <ul style="list-style-type: none"> <li>• Evaluated the approach adopted by the company in estimating the projected stripping ratio of Coal reserves, determining the mining reserves of Coal &amp; Overburden and cost of OB removal.</li> <li>• Reviewed the past quantities of coal and overburden extracted from the respective mines and whether due consideration was given in estimating the projected stripping ratio.</li> <li>• Tested the consistency of, and rationale for, the contingent factors applied in deriving the stripping ratio in respect of the OC mines for which the change is necessitated.</li> <li>• Discussed with the Management regarding the factors considered in estimating the balance reserves and their extraction plan with respect to the mines where the revision of stripping ratio is undertaken.</li> <li>• Relied on the judgements of the internal technical experts for the use of technical evaluation.</li> <li>• Performed a review to ensure that all key movements were understood, corroborated and recorded correctly.</li> <li>• Assessed the appropriateness of the disclosures made in the Financial Statements.</li> </ul> | <p>The Auditors have reported this issue as a Key Audit Matter in view of its significance and materiality involved. They have also mentioned the Audit Procedure followed by them.</p> <p>This being a statement of fact calls for no comments separately.</p> |



**INDEPENDENT AUDITOR'S REPORT**  
on the Audit of Consolidated Ind AS Financial Statements

**Management reply on the  
audit observations**  
(under section 134(3) of the  
Companies Act, 2013)

| Sl.<br>no | Key Audit Matter   | Auditor's Response   |   |
|-----------|--|--|---|
|           | <p><b>C) Contingent Liabilities</b></p> <p>The company has received certain claims from the Government authorities, variable cost claims from TSDISCOMs, contractors, land pattadars and employees, which are disputed. These involve high degree of judgement to determine the possible outcomes and estimates relating to the timing and the amount of outflow of resources embodying economic benefits.</p> | <p><b>Principal audit procedures:</b></p> <p>Our procedures included, but were not limited to, the following:</p> <ul style="list-style-type: none"> <li>• Obtained an understanding from the management with respect to process and controls followed by the Company for identification and monitoring of significant developments in relation to the litigations, including completeness thereof.</li> <li>• Obtained the list of litigations from the management and reviewed their assessment of the likelihood of outflow of economic resources being probable, possible or remote in respect of the litigations. This involved assessing the probability of an unfavourable outcome of a given proceeding and the reliability of estimates of related amounts.</li> <li>• Assessed management's conclusions through discussions held with the in-house legal counsel and understanding precedents in similar cases;</li> <li>• Assessed and validated the adequacy and appropriateness of the disclosures made by the management in the Consolidated Ind AS Financial Statements.</li> </ul> | <p>The Auditors have reported this issue as a Key Audit Matter in view of its significance and materiality involved. They have also mentioned the Audit Procedure followed by them.</p> <p>This being a statement of fact calls for no comments separately.</p> |



| <p style="text-align: center;"><b>INDEPENDENT AUDITOR'S REPORT</b><br/><b>on the Audit of Consolidated Ind AS Financial Statements</b></p>   | <p style="text-align: center;"><b>Management reply on the audit observations</b><br/>(under section 134(3) of the Companies Act, 2013)</p>   |
|--|--|
| <p><b>Emphasis of Matter</b></p> <p>Without qualifying our opinion, we draw attention to the following matters in the Standalone Ind AS Financial Statements of the Holding company:</p>   |  |
| <p>a) Refer Note 8.4 regarding non-receipt of proceeds of Rs.200 Crore of APPFC Power bonds matured on 18<sup>th</sup> July, 2022 representing TSPFC share, the Company has not made provision for expected credit loss as the bonds are backed by Sovereign Guarantee. Further, the Company has not recognized interest from the date of maturity of the interest coupon period.</p>  |  |
| <p>b) Refer Note 6.3 (iii) and (iv) regarding non-receipt of interest of Rs.264.53 Crore (net of TDS) on TSSPDCL Power Bonds, the Company has not made provision for expected credit loss as the bonds are backed by Sovereign Guarantee.</p>  | <p>The Auditors have drawn specific attention of the members on these matters, though these issues/ transactions / provisions have been appropriately recognised, presented and disclosed in the Financial statements as per the Provisions of Ind AS.</p> |
| <p>c) Refer Note 12B.4 regarding disputed trade receivables of Rs.527.69 Crore as on 31.03.2023, the Company has not made provision for expected credit loss as the dispute/ clarification is pending before Hon'ble Telangana State Electricity Regulatory Commission (TSERC).</p>  |  |
| <p>d) Refer Note 27.2 (ii) regarding withdrawal of provision for backfilling at Medipalli OCP for an amount of Rs.1188.15 Crore due to change in the Site Restoration obligation from backfilling to waterbody maintenance with adequate engineering interventions for sustenance of aquatic life in pursuance of revised EAC Minutes.</p>   |  |
| <p>e) Refer Note 39.6.5 regarding the alignment of method of closing stock valuation with the Cost accounting records, on account of which there is a net increase in the profit before tax by Rs.51.25 crore for the financial year 2022-23.</p>  |  |
| <p>f) Refer Note 22.3(iii) and (iv) regarding reassessment of mine closure provision on account of adoption of revised mine lives in respect of 7 mines and consequent to the revised Escrow agreements entered during the year 2022-23 in respect of 22 mines. As a result of this, there is a decrease in provision by Rs.13.21 crore and increase in provision by Rs.78.53 crore.</p>   |  |
| <p><b>Information Other than the Consolidated Ind AS Financial Statements and Auditors' Report Thereon</b></p> <p>The Holding company's Board of Directors is responsible for the preparation of the other information. The other information comprises the information included in the Company's Annual report related to Consolidated Ind AS Financial Statements, but does not include the Consolidated Ind AS Financial Statements and our auditors' report thereon.</p> |  |
| <p>Our opinion on the Consolidated Ind AS Financial Statements does not cover the other information and we do not express any form of assurance conclusion thereon.</p>  | --   |
| <p>In connection with our audit of the Consolidated Ind AS Financial Statements, our responsibility is to read the other information and, in doing so, consider whether the other information is materially inconsistent with the Consolidated Ind AS Financial Statements or our knowledge obtained during the course of our audit or otherwise appears to be materially misstated.</p>   | --   |
| <p>If, based on the work we have performed and based on the work done/audit report of the other auditor, we conclude that there is a material misstatement of this other information, we are required to report that fact. We have nothing to report in this regard.</p>   | --   |



| <p style="text-align: center;"><b>INDEPENDENT AUDITOR'S REPORT</b><br/><b>on the Audit of Consolidated Ind AS Financial Statements</b></p>   | <p style="text-align: center;"><b>Management reply on the audit observations</b><br/>(under section 134(3) of the Companies Act, 2013)</p> |
|--|--|
| <p><b>Responsibilities of Management and Those Charged with Governance for the Consolidated Ind AS Financial Statements</b></p> <p>The Holding company's Board of Directors is responsible for the matters stated in section 134(5) of the Act with respect to preparation and presentation of these Consolidated Ind AS Financial Statements in terms of the requirements of the Act that give a true and fair view of the consolidated financial position, consolidated financial performance, consolidated total comprehensive income, consolidated changes in equity and consolidated cash flows of the Group with the accounting principles generally accepted in India, including the Accounting Standards specified under Section 133 of the Act. The respective Board of Directors of the companies included in the Group are responsible for maintenance of the adequate accounting records in accordance with the provisions of the Act for safeguarding the assets of the Group and for preventing and detecting frauds and other irregularities; selection and application of appropriate accounting policies; making judgments and estimates that are reasonable and prudent; and design, implementation and maintenance of adequate internal financial controls, that were operating effectively for ensuring the accuracy and completeness of the accounting records, relevant to the preparation and presentation of the Consolidated Ind AS Financial Statements that give a true and fair view and are free from material misstatement, whether due to fraud or error, which have been used for the purpose of preparation of the Consolidated Ind AS Financial Statements by the Directors of the Holding company, as aforesaid.</p> <p>In preparing the Consolidated Ind AS Financial Statements, the respective Board of Directors of the companies included in the Group are responsible for assessing the Group's ability to continue as a going concern, disclosing, as applicable, matters related to going concern and using the going concern basis of accounting unless Board of Directors either intends to liquidate the Group or to cease operations, or has no realistic alternative but to do so.</p> <p>The respective Board of Directors of the companies included in the Group are also responsible for overseeing the financial reporting process of the Group.</p> | --   |
| <p><b>Auditors' Responsibilities for the Audit of the Consolidated Ind AS Financial Statements</b></p> <p>Our objectives are to obtain reasonable assurance about whether the Consolidated Ind AS Financial Statements as a whole are free from material misstatement, whether due to fraud or error, and to issue an auditors' report that includes our opinion. Reasonable assurance is a high level of assurance, but is not a guarantee that an audit conducted in accordance with Standards on Auditing (SAs) will always detect a material misstatement when it exists. Misstatements can arise from fraud or error and are considered material if, individually or in the aggregate, they could reasonably be expected to influence the economic decisions of users taken on the basis of these Consolidated Ind AS Financial Statements.</p>   | --   |
| <p>As part of an audit in accordance with SAs, we exercise professional judgment and maintain professional skepticism throughout the audit. We also:</p>   |  |
| <ul style="list-style-type: none"> <li>• Identify and assess the risks of material misstatement of the Consolidated Ind AS Financial Statements, whether due to fraud or error, design and perform audit procedures responsive to those risks, and obtain audit evidence that is sufficient and appropriate to provide a basis for our opinion. The risk of not detecting a material misstatement resulting from fraud is higher than for one resulting from error, as fraud may involve collusion, forgery, intentional omissions, misrepresentations, or the override of internal control.</li> </ul>  | --   |
| <ul style="list-style-type: none"> <li>• Obtain an understanding of internal financial controls relevant to the audit in order to design audit procedures that are appropriate in the circumstances. Under section 143(3) (i) of the Act, we are also responsible for expressing our opinion on whether the Holding company have adequate internal financial controls system with reference to Consolidated Ind AS Financial Statements in place and the operating effectiveness of such controls.</li> </ul>  | --   |



| <p style="text-align: center;"><b>INDEPENDENT AUDITOR'S REPORT</b><br/><b>on the Audit of Consolidated Ind AS Financial Statements</b></p>  | <p style="text-align: center;"><b>Management reply on the audit observations</b><br/>(under section 134(3) of the Companies Act, 2013)</p> |
|---|--|
| <ul style="list-style-type: none"> <li>Evaluate the appropriateness of accounting policies used and the reasonableness of accounting estimates and related disclosures made by management.</li> </ul>   | <p style="text-align: center;">--</p>  |
| <ul style="list-style-type: none"> <li>Conclude on the appropriateness of management's use of the going concern basis of accounting and, based on the audit evidence obtained, whether a material uncertainty exists related to events or conditions that may cast significant doubt on the ability of the Group to continue as a going concern. If we conclude that a material uncertainty exists, we are required to draw attention in our auditors' report to the related disclosures in the Consolidated Ind AS Financial Statements or, if such disclosures are inadequate, to modify our opinion. Our conclusions are based on the audit evidence obtained up to the date of our auditors' report. However, future events or conditions may cause the Group to cease to continue as a going concern.</li> </ul>   | <p style="text-align: center;">--</p>  |
| <ul style="list-style-type: none"> <li>Evaluate the overall presentation, structure and content of the Consolidated Ind AS Financial Statements, including the disclosures, and whether the Consolidated Ind AS Financial Statements represent the underlying transactions and events in a manner that achieves fair presentation.</li> </ul>   | <p style="text-align: center;">--</p>  |
| <ul style="list-style-type: none"> <li>Obtain sufficient appropriate audit evidence regarding the financial information of the entities or business activities within the Group to express an opinion on the Consolidated Ind AS Financial Statements. We are responsible for the direction, supervision and performance of the audit of the financial information of the Holding company included in the Consolidated Ind AS Financial Statements of which we are the independent auditors. For the subsidiary included in the Consolidated Ind AS Financial Statements, which has been audited by other auditor, such other auditor remains responsible for the direction, supervision and performance of the audit carried out by them. We remain solely responsible for our audit opinion. Our responsibilities in this regard are further described in para (a) of the section titled 'Other Matters' in this audit report.</li> </ul> | <p style="text-align: center;">--</p>  |
| <p>We believe that the audit evidence obtained by us along with the consideration of audit report of the other auditors referred to in para (a) of the Other Matters paragraph below, is sufficient and appropriate to provide a basis for our audit opinion on the Consolidated Ind AS Financial Statements.</p>   | <p style="text-align: center;">--</p>  |
| <p>We communicate with those charged with governance regarding, among other matters, the planned scope and timing of the audit and significant audit findings, including any significant deficiencies in internal control that we identify during our audit.</p>  | <p style="text-align: center;">--</p>  |
| <p>We also provide those charged with governance with a statement that we have complied with relevant ethical requirements regarding independence, and to communicate with them all relationships and other matters that may reasonably be thought to bear on our independence, and where applicable, related safeguards.</p>   | <p style="text-align: center;">--</p>  |
| <p><b>Other Matters</b></p>   |  |
| <p>We did not audit the financial statements of the subsidiary whose financial statements reflect total assets of Rs.55.42 crore as at 31<sup>st</sup> March 2023, total revenues of Rs.45.41 crore and net cash outflow amounting to Rs.11.13 crore for the year ended on that date, as considered in the Consolidated Ind AS Financial Statements. This financial statements have been audited by other auditor whose report has been furnished to us by the Management and our opinion on the Consolidated Ind AS Financial Statements, in so far as it relates to the amounts and disclosures included in respect of the subsidiary, and our report in terms of sub-section (3) and (11) of section 143 of the Act, insofar as it relates to the aforesaid subsidiaries, is based solely on the report of the other auditor.</p>  | <p>This being a statement of fact calls for no comments separately</p>   |



| <p style="text-align: center;"><b>INDEPENDENT AUDITOR'S REPORT</b><br/><b>on the Audit of Consolidated Ind AS Financial Statements</b></p>   | <p style="text-align: center;"><b>Management reply on the audit observations</b><br/>(under section 134(3) of the Companies Act, 2013)</p> |
|--|--|
| <p>Our opinion on the Consolidated Ind AS Financial Statements, and our report on Other Legal and Regulatory Requirements below, is not modified in respect of the above matter with respect to our reliance on the work done and the report of the other auditor and the financial statements furnished to us by the Management.</p>  | --   |
| <p><b>Report on Other Legal and Regulatory Requirements</b></p>  |  |
| <p>1. As required by the Companies (Auditor's Report) Order, 2020 ("the Order") issued by the Central Government of India in terms of sub-section (11) of section 143 of the Act, we give in the Annexure A, a statement on the matter specified in paragraph 3 (xxi) of CARO 2020.</p>  | --   |
| <p>2. As required by section 143(3) of the Act, based on our audit and on the consideration of report of the other auditors' report of subsidiary, as noted in the "Other Matter" paragraph, we report, to the extent applicable, that</p>   | --   |
| <p>a) We have sought and obtained all the information and explanations which to the best of our knowledge and belief were necessary for the purposes of our audit of the aforesaid Consolidated Ind AS Financial Statements;</p>   | --   |
| <p>b) In our opinion, proper books of account as required by law relating to preparation of the aforesaid Consolidated Ind AS Financial Statements have been kept so far as it appears from our examination of those books;</p>  | --   |
| <p>c) The Consolidated Balance Sheet, the Consolidated Statement of Profit and Loss (including Other Comprehensive Income), Consolidated Statement of Changes in Equity and the Consolidated Cash Flows Statement dealt with by this Report are in agreement with the relevant books of account maintained for the purpose of preparation of the Consolidated Ind AS Financial Statements;</p> | --   |
| <p>d) In our opinion, the aforesaid Consolidated Ind AS Financial Statements comply with the Indian Accounting Standards (Ind AS) specified under Section 133 of the Act.</p>  | --   |
| <p>e) In pursuance to the Notification No. G.S.R 463 (E) dated 05-06-2015 issued by the Ministry of Corporate Affairs, Section 164 (2) of the Companies Act, 2013 pertaining to disqualification of Directors, is not applicable to the Government Companies.</p>  | --   |
| <p>f) With respect to the adequacy of the internal financial controls with reference to Consolidated Ind AS Financial Statements of the Holding company and its subsidiary and the operating effectiveness of such controls, refer to our separate report in "Annexure B".</p>   | --   |
| <p>g) In pursuance to the Notification No. G.S.R 463 (E) dated 05-06-2015 issued by the Ministry of Corporate Affairs, Section 197 of the Companies Act, 2013 pertaining to remuneration to Directors, is not applicable to the Government Companies.</p>  | --   |
| <p>h) with respect to the other matters to be included in the Auditors' Report in accordance with Rule 11 of the Companies (Audit and Auditors) Rules, 2014, as amended in our opinion and to the best of our information and according to the explanations given to us:</p>   | --   |
| <p>(i) the Consolidated Ind AS Financial Statements disclose impact of pending litigations on the consolidated financial position of the Group – Refer Additional Note No 39(4A) of the Consolidated Ind AS Financial Statements.</p>  | This being a statement of fact calls for no comments separately  |
| <p>(ii) The Group does not have any long-term contracts including derivative contracts for which there were any material foreseeable losses.</p>   | --   |



| <p style="text-align: center;"><b>INDEPENDENT AUDITOR'S REPORT</b><br/><b>on the Audit of Consolidated Ind AS Financial Statements</b></p>  | <p style="text-align: center;"><b>Management reply on the audit observations</b><br/>(under section 134(3) of the Companies Act, 2013)</p> |
|---|--|
| (iii) There is no delay in transferring the amounts which were required to be transferred to the Investor Education and Protection Fund by the Holding company. There were no amounts which were required to be transferred to the Investor Education and Protection Fund by the Subsidiary Company.  |  |
| (iv) (a) The respective managements of the Holding company and Subsidiary company whose financial statements have been audited under the Act have represented to us and the other auditor of such subsidiary, to the best of its knowledge and belief, no funds (which are material either individually or in the aggregate) have been advanced or loaned or invested (either from borrowed funds or share premium or any other sources or kind of funds) by the Company to or in any other person or entity, including foreign entity ("Intermediaries"), with the understanding, whether recorded in writing or otherwise, that the Intermediary shall, whether, directly or indirectly lend or invest in other persons or entities identified in any manner whatsoever by or on behalf of the Company ("Ultimate Beneficiaries") or provide any guarantee, security or the like on behalf of the Ultimate Beneficiaries; | --   |
| (b) The respective managements of the Holding company and Subsidiary company whose financial statements have been audited under the Act have represented to us and other auditor of such subsidiary, that, to the best of its knowledge and belief, no funds (which are material either individually or in the aggregate) have been received by the Company from any person or entity, including foreign entity ("Funding Parties"), with the understanding, whether recorded in writing or otherwise, that the Company shall, whether, directly or indirectly, lend or invest in other persons or entities identified in any manner whatsoever by or on behalf of the Funding Party ("Ultimate Beneficiaries") or provide any guarantee, security or the like on behalf of the Ultimate Beneficiaries;   | --   |
| (c) Based on the audit procedures that have been considered reasonable and appropriate in the circumstances, nothing has come to our notice that has caused us to believe that the representations under sub-clause (i) and (ii) of Rule 11(e), as provided under (a) and (b) above, contain any material misstatement.   | ----   |
| (v) (i) With respect to Holding company, as stated in Note No.39(11) to the Standalone Ind AS Financial Statements  | --   |
| (a) The final dividend proposed in the previous year, declared and paid by the Company during the year, is in accordance with Section 123 of the Act, as applicable.  | --   |
| (b) The Board of Directors of the Company has proposed the final dividend for the year which is subject to the approval of the members at the ensuing Annual General Meeting. The amount of dividend proposed is in accordance with section 123 of the Act, as applicable   | This being a statement of fact calls for no comments separately.   |
| (ii) With respect to Subsidiary Company, it has neither declared nor paid any dividends during the financial year.  |  |
| (vi) Proviso to Rule 3(1) of the Companies (Accounts) Rules, 2014 for maintaining books of account using accounting software which has a feature of recording audit trail (edit log) facility is applicable with effect from April 1, 2023 to the Holding company and its subsidiary, which is incorporated in India, and accordingly, reporting under Rule 11(g) of Companies (Audit and Auditors) Rules, 2014 is not applicable for the financial year ended 31 <sup>st</sup> March, 2023.  |  |





| <b>INDEPENDENT AUDITOR'S REPORT</b><br><b>on the Audit of Consolidated Ind AS Financial Statements</b>   |   | <b>Management reply on the audit observations</b><br>(under section 134(3) of the Companies Act, 2013)  |
|--|---|---|
| 3. As required by the section 143(5) of the Companies Act 2013, and as per the directions of Comptroller and Auditor General of India, we report that: |   |   |
| Sl. no   | Directions  | Auditor's Reply   |
| 1.   | Whether the company has system in place to process all the accounting transactions through IT system? If yes, the implications of processing of accounting transactions outside IT system on the integrity of the accounts along with the financial implications, if any, may be stated.  | According to the information and explanations given to us, the Company has ERP system (SAP) to process all the accounting transactions through IT system. Our examination of the records did not reveal any transactions not coming within the purview of IT system stated above.   |
| 2  | Whether there is any restructuring of an existing loan or cases of waiver/write off of debts/loans/ interest etc. made by a lender to the company due to the company's inability to repay the loan? If yes, the financial impact may be stated. Whether such cases are properly accounted for? (In case, lender is a Government company, then this direction is also applicable for statutory auditor of lender company). | According to the information and explanations given to us by the Company, there was no restructuring or cases of waiver/write off of debts /loans/interest etc. made by the lender to the company due to company's inability to repay the loan during the year ended 31.03.2023.<br><br>As there were no such cases, reporting under this clause is not applicable.   |
| 3.   | Whether funds (grants/subsidy etc.) received/ receivable for specific schemes from Central/ State Government or its agencies were properly accounted for/ utilized as per its term and conditions? List the cases of deviation.   | <b>CCDAC Grants</b><br>During the year, the company has recognised an amount of Rs.7.69 crores as revenue grant against protective works as per the approval accorded by CCDAC and the same has been utilised as per the terms and conditions applicable<br>During the year, capital grant of Rs.151.47 crores were recognised as receivable from CCDAC.<br>During the year, the Company has received an amount of Rs.0.67 crore and Rs.45.04 crore towards revenue and capital grants respectively.<br><b>Refer Note No. 39.5.2A</b><br><b>Solar Grants – Viability Gap Funding (VGF):</b><br>During the year, the Company has recognised second and final instalment of VGF Grant of Rs.27 crore against the Solar Plants (Phase II)<br><b>Refer Note No. 39.5.2A</b> |
|  |   | This being a statement of fact calls for no comments separately.  |
|  |   | This being a statement of fact calls for no comments separately.  |
|  |   | This being a statement of fact calls for no comments separately.  |

For **Brahmayya & Co,**  
Chartered Accountants  
Firm Registration No: 000513S

Sd/-  
**(T.V.Ramana)**  
Partner  
Membership No 200523  
UDIN: 23200523BGSVPY2022

For **M Anandam & Co**  
Chartered Accountants  
Firm Registration No: 000125S

Sd/-  
**(M.R Vikram)**  
Partner  
Membership No 021012  
UDIN: 2302101BHIWF5828

For and on behalf of the Board

Sd/-  
**(N. Sridhar)**  
Chairman & Managing Director  
DIN: 02510496

Date : 14.07.2023  
Place : Hyderabad

Date : 14.07.2023  
Place : Hyderabad

Date : 16.08.2023  
Place : Hyderabad



| <b>ANNEXURE 'A'</b><br><b>TO THE INDEPENDENT AUDITOR'S REPORT</b><br><b>on the Consolidated Ind AS Financial Statements of The Singareni Collieries Company Limited for the year ended 31<sup>st</sup> March, 2023</b>   |                                      |                       |                                    |  | <b>Management reply on the audit observations (Contd...)</b><br><br><b>(under section 134(3) of the Companies Act, 2013)</b>   |
|--|--------------------------------------|-----------------------|------------------------------------|--|--|
| In our opinion and according to the information and explanations given to us, following Companies incorporated in India and included in the Consolidated Ind AS Financial Statements, have unfavorable remarks, qualifications or adverse remarks given by the respective auditors in their reports under the Companies (Auditor's Report) Order, 2020 (CARO): |                                      |                       |                                    |  | --   |
| <b>S. No</b>   | <b>Name</b>                          | <b>CIN</b>            | <b>Holding Company/ Subsidiary</b> | <b>Clause number of the CARO report which is unfavorable or qualified or adverse</b> | The Management Replies / Remarks furnished on the Joint Statutory Auditors Observations in their Audit Report on Standalone Financial Statements at relevant Paras holds good for these observations mentioned in the Audit Report on the Consolidated Financial Statements. |
| 1  | The Singareni Collieries Company Ltd | U10102TG1920SGC000571 | Holding Company                    | (i)(c)   |  |
| 2  | The Singareni Collieries Company Ltd | U10102TG1920SGC000571 | Holding Company                    | (v)  |  |
| 3  | The Singareni Collieries Company Ltd | U10102TG1920SGC000571 | Holding Company                    | (vii) (a)  |  |
| 4  | The Singareni Collieries Company Ltd | U10102TG1920SGC000571 | Holding Company                    | (xi)   |  |

For **Brahmayya & Co,**  
Chartered Accountants  
Firm Registration No: 000513S

For **M Anandam & Co**  
Chartered Accountants  
Firm Registration No: 000125S

For and on behalf of the Board

Sd/-  
**(T.V.Ramana)**  
Partner  
Membership No 200523  
UDIN: 23200523BGSVPY2022

Sd/-  
**(M.R Vikram)**  
Partner  
Membership No 021012  
UDIN: 2302101BHIWF5828

Sd/-  
**(N. Sridhar)**  
Chairman & Managing Director  
DIN: 02510496

Date: 14.07.2023  
Place: Hyderabad

Date: 14.07.2023  
Place: Hyderabad

Date : 16.08.2023  
Place : Hyderabad



|  |   |
|--|---|
| <p><b>ANNEXURE ‘B’</b><br/> <b>TO THE INDEPENDENT AUDITOR’S REPORT</b><br/> <b>Report on the Internal Financial Controls under Clause (i) of Sub-section 3 of Section 143 of the Companies Act, 2013 (“the Act”)</b></p>   | <p><b>Management reply on the audit observations</b><br/>         (under section 134(3) of the Companies Act, 2013)</p> |
| <p>In conjunction with our audit of the Consolidated Ind AS Financial Statements of <b>The Singareni Collieries Company Limited</b> (hereinafter referred to as “the Holding company”) as of and for the year ended 31<sup>st</sup> March 2023, we have audited the internal financial controls with reference to the Consolidated Ind AS Financial Statements of the Holding company and its Subsidiary incorporated in India under the Companies Act, 2013 as of that date.</p>  | <p>--</p>   |
| <p><b>Management’s Responsibility for Internal Financial Controls</b></p> <p>The respective Company’s management and the Board of Directors are responsible for establishing and maintaining internal financial controls over financial reporting criteria established by the respective Company considering the essential components of internal control stated in the Guidance Note on Audit of Internal Financial Controls over Financial Reporting issued by the Institute of Chartered Accountants of India (‘ICAI’). These responsibilities include the design, implementation and maintenance of adequate internal financial controls that were operating effectively for ensuring the orderly and efficient conduct of its business, including adherence to the respective company’s policies, the safeguarding of its assets, the prevention and detection of frauds and errors, the accuracy and completeness of the accounting records, and the timely preparation of reliable financial information, as required under the Companies Act, 2013.</p>  | <p>This being a statement of fact calls for no comments separately.</p>   |
| <p><b>Auditors’ Responsibility</b></p> <p>Our responsibility is to express an opinion on the Company’s internal financial controls with reference to Consolidated Ind AS Financial Statements based on our audit. We conducted our audit in accordance with the Guidance Note on Audit of Internal Financial Controls over Financial Reporting (the “Guidance Note”) and the Standards on Auditing, issued by ICAI and deemed to be prescribed under section 143(10) of the Companies Act, 2013, to the extent applicable to an audit of internal financial controls, both applicable to an audit of Internal Financial Controls with reference to the Consolidated Ind AS Financial Statements. Those Standards and the Guidance Note require that we comply with ethical requirements and plan and perform the audit to obtain reasonable assurance about whether adequate internal financial controls with reference to the Consolidated Ind AS Financial Statements was established and maintained and if such controls operated effectively in all material respects.</p> <p>Our audit involves performing procedures to obtain audit evidence about the adequacy of the internal financial controls system with reference to Consolidated Ind AS Financial Statements and their operating effectiveness. Our audit of internal financial controls with reference to Consolidated Ind AS Financial Statements included obtaining an understanding of internal financial controls with reference to Consolidated Ind AS Financial Statements, assessing the risk that a material weakness exists, and testing and evaluating the design and operating effectiveness of internal control based on the assessed risk. The procedures selected depend on the auditors’ judgment, including the assessment of the risks of material misstatement of the Consolidated Ind AS Financial Statements, whether due to fraud or error.</p> | <p>This being a statement of fact calls for no comments separately.</p>   |
| <p><b>Meaning of Internal Financial Controls with reference to Consolidated Ind AS Financial Statements</b></p> <p>A company’s internal financial control with reference to Consolidated Ind AS Financial Statements is a process designed to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles. A company’s internal financial control with reference to Consolidated Ind AS Financial Statements includes those policies and procedures that</p>   | <p>This being a statement of fact calls for no comments separately.</p>   |



|   |  |
|---|--|
| <p><b>ANNEXURE 'B'</b><br/> <b>TO THE INDEPENDENT AUDITOR'S REPORT</b><br/> <b>Report on the Internal Financial Controls under Clause (i) of Sub-section 3 of Section 143 of the Companies Act, 2013 ("the Act")</b></p>  | <p><b>Management reply on the audit observations</b><br/>         (under section 134(3) of the Companies Act, 2013)</p>  |
| <p>(1) pertain to the maintenance of records that, in reasonable detail, accurately and fairly reflect the transactions and dispositions of the assets of the company;</p>  | <p>This being a statement of fact calls for no comments separately.</p>  |
| <p>(2) provide reasonable assurance that transactions are recorded as necessary to permit preparation of financial statements in accordance with generally accepted accounting principles, and that receipts and expenditures of the company are being made only in accordance with authorisations of management and directors of the company; and</p>  | <p>This being a statement of fact calls for no comments separately.</p>  |
| <p>(3) provide reasonable assurance regarding prevention or timely detection of unauthorised acquisition, use, or disposition of the company's assets that could have a material effect on the financial statements.</p>  | <p>This being a statement of fact calls for no comments separately.</p>  |
| <p><b>Inherent Limitations of Internal Financial Controls with reference to Consolidated Ind AS Financial Statements</b><br/>         Because of the inherent limitations of internal financial controls with reference to Consolidated Ind AS Financial Statements, including the possibility of collusion or improper management override of controls, material misstatements due to error or fraud may occur and not be detected. Also, projections of any evaluation of the internal financial controls with reference to Consolidated Ind AS Financial Statements to future periods are subject to the risk that the internal financial control with reference to Consolidated Ind AS Financial Statements may become inadequate because of changes in conditions, or that the degree of compliance with the policies or procedures may deteriorate.</p> | <p>This being a statement of fact calls for no comments separately.</p>  |
| <p><b>Qualified Opinion</b><br/>         According to the information and explanations given to us and based on our audit, the following material weaknesses have been identified in the operating effectiveness of the Holding company's internal financial controls with reference to Standalone Ind AS Financial Statements as at 31<sup>st</sup> March, 2023:</p>   |  |
| <p>a) The joint reconciliation of major customers especially with regards to the power dues from TSDISCOMs/TSPCC is pending since FY 2019-20 which could potentially result in loss to the Holding company without establishing reasonable certainty of ultimate collection.</p>  | <p>The Joint Reconciliation statements in respect of Power dues were submitted for the pending periods and are under process with TSPCC. The joint Reconciliation statements are likely to be signed shortly as the processing of statements in TSPCC is in advance stage. In Future, Balance Confirmation will be obtained Periodically.</p> <p>In respect of Coal dues, Joint Reconciliation of all major Coal Customer is being taken up regularly.</p> |



|  |  |
|--|--|
| <p><b>ANNEXURE 'B'</b><br/> <b>TO THE INDEPENDENT AUDITOR'S REPORT</b><br/> <b>Report on the Internal Financial Controls under Clause (i) of Sub-section 3 of Section 143 of the Companies Act, 2013 ("the Act")</b></p>   | <p><b>Management reply on the audit observations</b><br/>         (under section 134(3) of the Companies Act, 2013)</p>  |
| <p>b) Penalties imposed/imposable on violation of Environment Clearance (EC) conditions related to rated production. In view of this, there is a material weakness in the internal control mechanism with regard to the monitoring of the EC conditions.</p>   | <p>The violations already occurred in respect of production are being ratified in the form of Remedial Action Plan.<br/><br/>         However, necessary controls will be exercised to ensure that EC conditions are not violated in respect of production quantities in future.</p> |
| <p>A 'material weakness' is a deficiency, or a combination of deficiencies, in internal financial control over financial reporting, such that there is a reasonable possibility that a material misstatement of the company's annual or interim financial statements will not be prevented or detected on a timely basis.</p>  |  |
| <p>In our opinion, the Group has, in all material respects, maintained adequate internal financial controls with reference to the Consolidated Ind AS Financial Statements as of 31<sup>st</sup> March, 2023, based on "the internal control over financial reporting criteria established by the Holding company considering the essential components of internal controls stated in the Guidance Note on Audit of Internal Financial Controls Over Financial Reporting issued by the Institute of Chartered Accountants of India", and except for the effects/possible effects of the material weaknesses described above on the achievement of the objectives of the control criteria, the Group's internal financial controls with reference to the Consolidated Ind AS Financial Statements were operating effectively as of 31<sup>st</sup> March, 2023.</p> | <p>This being a statement of fact calls for no comments separately.</p>  |
| <p>We have considered the material weaknesses identified and reported above in determining the nature, timing, and extent of audit tests applied in our audit of Consolidated Ind AS Financial Statements of the Holding company for the year ended 31<sup>st</sup> March, 2023, and these material weaknesses do not affect our opinion on the Consolidated Ind AS Financial Statements of the Company.</p>   | <p>This being a statement of fact calls for no comments separately.</p>  |
| <p><b>Other Matter</b><br/><br/>         Our report under Section 143(3)(i) of the Act on the adequacy and operating effectiveness of the internal financial controls with reference to Consolidated Ind AS Financial Statements of the Holding company, in so far as it relates to subsidiary, is based on corresponding report of the auditor of subsidiary.</p>   | <p>This being a statement of fact calls for no comments separately.</p>  |

For **Brahmayya & Co,**  
 Chartered Accountants  
 Firm Registration No: 000513S

For **M Anandam & Co**  
 Chartered Accountants  
 Firm Registration No: 000125S

**For and on behalf of the Board**

Sd/-  
**(T.V.Ramana)**  
 Partner  
 Membership No 200523  
 UDIN: 23200523BGSVPY2022

Sd/-  
**(M.R Vikram)**  
 Partner  
 Membership No 021012  
 UDIN:23021012BHAIWF5828

Sd/-  
**(N. Sridhar)**  
 Chairman & Managing Director  
 DIN: 02510496

Date: 14.07.2023  
 Place: Hyderabad

Date: 14.07.2023  
 Place: Hyderabad

Date : 16.08.2023  
 Place : Hyderabad



**Sri N. Sridhar, IAS, C&MD, SCCL and Vice Chancellor of Osmania University exchanging MOU Documents on Chair a Professor Program**



**Newly built Double bedroom residential quarters at Bhupalpalli Area**

**Balance Sheet (Standalone) as at 31<sup>st</sup> March 2023**

(Rs. in Crore)

| S. No.    | Particulars                           | Note No | As at 31.03.2023 | As at 31.03.2022 *(Restated) | As at 01.04.2021 *(Restated) |
|-----------|---------------------------------------|---------|------------------|------------------------------|------------------------------|
|           | <b>ASSETS:</b>                        |         |                  |                              |                              |
| <b>A.</b> | <b>Non-Current Assets:</b>            |         |                  |                              |                              |
| (a)       | Property, Plant and Equipment         | 3       | 19,588.53        | 17,049.54                    | 14,449.96                    |
| (b)       | Capital Work-In-Progress              | 4       | 831.83           | 1,350.48                     | 1,535.99                     |
| (c)       | Investment Properties                 | 5A      | 26.20            | 1.04                         | 1.06                         |
| (d)       | Right of Use Assets                   | 5B      | 15.23            | 15.98                        | 14.82                        |
| (e)       | Intangible Assets                     | 5C      | 381.35           | 0.41                         | 0.80                         |
| (f)       | Intangible Assets - Under Development | 5D      | 25.50            | 598.16                       | 367.11                       |
| (g)       | Financial Assets:                     |         |                  |                              | -                            |
| (i)       | Investments                           | 6       | 1,809.37         | 1,809.37                     | 2,809.37                     |
| (ii)      | Trade Receivables                     | 12A     | 483.74           | -                            | -                            |
| (iii)     | Others                                | 8A      | 8,283.81         | 6,513.13                     | 4,738.53                     |
| (h)       | Deferred Tax Assets (Net)             | 9       | 1,374.69         | 1,829.33                     | 2,016.12                     |
| (i)       | Other Non-Current Assets              | 10      | 1,172.18         | 829.73                       | 579.72                       |
|           | <b>Total Non-Current Assets (A)</b>   |         | <b>33,992.43</b> | <b>29,997.17</b>             | <b>26,513.48</b>             |
| <b>B.</b> | <b>Current Assets:</b>                |         |                  |                              |                              |
| (a)       | Inventories                           | 11      | 2,097.07         | 1,459.08                     | 1,461.04                     |
| (b)       | Financial Assets:                     |         |                  |                              |                              |
| (i)       | Trade Receivables                     | 12B     | 14,751.84        | 14,640.30                    | 9,400.33                     |
| (ii)      | Cash and Cash Equivalentents          | 13      | 928.19           | 460.37                       | 886.33                       |
| (iii)     | Bank Balances Other than (ii) above   | 14      | 516.15           | 64.28                        | 692.08                       |
| (iv)      | Investments                           | 6       | 500.25           | 1,000.00                     | 0.96                         |
| (v)       | Loans                                 | 7       | 40.79            | 55.81                        | 60.17                        |
| (vi)      | Others                                | 8B      | 1,246.51         | 665.01                       | 546.91                       |
| (c)       | Current Tax Assets (Net)              | 15      | 22.49            | 27.58                        | 133.58                       |
| (d)       | Other Current Assets                  | 16      | 1,896.34         | 1,150.56                     | 1,082.39                     |
|           | <b>Total Current Assets (B)</b>       |         | <b>21,999.63</b> | <b>19,522.99</b>             | <b>14,263.79</b>             |
|           | <b>TOTAL ASSETS (A+B)</b>             |         | <b>55,992.06</b> | <b>49,520.16</b>             | <b>40,777.27</b>             |



## Balance Sheet (Standalone) as at 31<sup>st</sup> March 2023 (Contd...)

(Rs. in Crore)

| S. No.     | Particulars                                       | Note No | As at 31.03.2023 | As at 31.03.2022 *(Restated) | As at 01.04.2021 *(Restated) |
|------------|---|---------|------------------|------------------------------|------------------------------|
| <b>A.</b>  | <b>EQUITY AND LIABILITIES:</b>                    |         |                  |                              |                              |
|            | <b>EQUITY:</b>                                    |         |                  |                              |                              |
|            | (a) Equity Share Capital                          | 17      | 1,733.20         | 1,733.20                     | 1,733.20                     |
|            | (b) Other Equity                                  | 18      | 10,203.00        | 8,081.29                     | 6,964.78                     |
|            | <b>Total Equity (A)</b>                           |         | <b>11,936.20</b> | <b>9,814.49</b>              | <b>8,697.98</b>              |
| <b>B.</b>  | <b>LIABILITIES:</b>                               |         |                  |                              |                              |
| <b>B.1</b> | <b>Non-Current Liabilities:</b>                   |         |                  |                              |                              |
|            | (a) Financial Liabilities:                        |         |                  |                              |                              |
|            | (i) Borrowings                                    | 19A     | 2,369.91         | 2,776.29                     | 3,621.26                     |
|            | (ii) Lease Liabilities                            | 21 A-1  | 4.40             | 9.39                         | 3.69                         |
|            | (iii) Other Financial Liabilities                 | 21 B-1  | 247.99           | 304.17                       | 281.10                       |
|            | (b) Provisions                                    | 22.1    | 31,275.29        | 25,696.12                    | 20,536.62                    |
|            | <b>Total Non-Current Liabilities (B.1)</b>        |         | <b>33,897.59</b> | <b>28,785.97</b>             | <b>24,442.67</b>             |
| <b>B.2</b> | <b>Current Liabilities:</b>                       |         |                  |                              |                              |
|            | (a) Financial Liabilities:                        |         |                  |                              |                              |
|            | (i) Borrowings                                    | 19B     | 455.03           | 1,363.26                     | 1,724.58                     |
|            | (ii) Trade Payables                               |         |                  |                              |                              |
|            | - Dues to Micro Enterprises and Small Enterprises | 20.1    | 11.66            | 18.35                        | 25.95                        |
|            | - Dues to Others                                  | 20.2    | 1,213.63         | 995.51                       | 826.08                       |
|            | (iii) Lease Liabilities                           | 21 A-2  | 11.46            | 7.35                         | 12.72                        |
|            | (iv) Other Financial Liabilities                  | 21 B-2  | 850.47           | 1,070.54                     | 1,510.73                     |
|            | (b) Other Current Liabilities                     | 24      | 4,155.00         | 5,479.89                     | 2,363.96                     |
|            | (c) Provisions                                    | 22.2    | 3,461.02         | 1,984.80                     | 1,172.60                     |
|            | (d) Current Tax Liabilities (Net)                 | 25      | -                | -                            | -                            |
|            | <b>Total Current Liabilities (B.2)</b>            |         | <b>10,158.27</b> | <b>10,919.70</b>             | <b>7,636.62</b>              |
|            | <b>Total Liabilities (B=(B.1+B.2))</b>            |         | <b>44,055.86</b> | <b>39,705.67</b>             | <b>32,079.29</b>             |
|            | <b>TOTAL EQUITY AND LIABILITIES (A+B)</b>         |         | <b>55,992.06</b> | <b>49,520.16</b>             | <b>40,777.27</b>             |

\*The comparative information is restated on account of changes/modifications to Accounting Policies and correction of errors (Refer Note No.39.6 and 39.9)

The accompanying Notes form an integral part of Financial Statements:

For and on behalf of the Board

|                          |                              |                          |                              |
|--------------------------|------------------------------|--------------------------|------------------------------|
| Sd/-                     | Sd/-                         | Sd/-                     | Sd/-                         |
| <b>(K. Sunitha Devi)</b> | <b>(Mullapudi Subba Rao)</b> | <b>(N. Balram)</b>       | <b>(N. Sridhar)</b>          |
| Company Secretary        | General Manager (F&A)        | Director (Finance) & CFO | Chairman & Managing Director |
| ACS No. 51468            |                              | DIN: 08319629            | DIN: 02510496                |

As per our Report of even date

For **Brahmayya & CO**  
Chartered Accountants,  
Firm Regn No.000513S  
Sd/-  
**(CA.T.V. Ramana)**  
Partner  
Membership No. 200523

For **M. ANANDAM & CO**  
Chartered Accountants,  
Firm Regn No.000125S  
Sd/-  
**(CA M.R. Vikram)**  
Partner  
Membership No.021012

Date : 14.07.2023

Place : Hyderabad



**Statement of Profit and Loss (Standalone) for the year ended 31<sup>st</sup> March 2023**

(Rs. in Crore)

| S. No.      | Particulars  | Note No. | For the year ended |                           |
|-------------|--|----------|--------------------|---------------------------|
|             |  |          | 31.03.2023         | 31.03.2022<br>*(Restated) |
|             | <b>REVENUE FROM OPERATIONS:</b>                                    |          |                    |                           |
| (I)         | Revenue from Operations  | 26       | 26,185.51          | 20,495.10                 |
| (II)        | Other Income   | 27       | 2,569.96           | 1,395.12                  |
| (III)       | <b>Total Income (I+II)</b>   |          | <b>28,755.47</b>   | <b>21,890.22</b>          |
| <b>(IV)</b> | <b>EXPENSES:</b>   |          |                    |                           |
|             | Cost of Materials Consumed   | 28       | 6,484.34           | 4,535.11                  |
|             | Changes in Inventories of Finished goods                           | 29       | (638.79)           | (22.18)                   |
|             | Employee Benefits Expense  | 30       | 8,131.48           | 6,689.06                  |
|             | Finance Costs  | 31       | 1,600.73           | 1,326.10                  |
|             | Depreciation and Amortization expenses                             | 31A      | 2,276.42           | 1,619.76                  |
|             | Power & Fuel   | 32       | 427.07             | 394.38                    |
|             | Repairs & Maintenance  | 33       | 272.46             | 225.11                    |
|             | Contractual Expenses   | 34       | 2,964.15           | 2,761.38                  |
|             | Provisions   | 35       | 143.37             | 807.18                    |
|             | Write offs   | 36       | 71.35              | 337.93                    |
|             | Stripping Activity (OBR) Adjustment                                |          | 2,676.01           | 775.54                    |
|             | Other Expenses   | 37       | 917.42             | 670.83                    |
|             | <b>Total Expenses (IV)</b>   |          | <b>25,326.01</b>   | <b>20,120.20</b>          |
| (V)         | <b>Profit before Exceptional Items and Tax (III-IV)</b>            |          | <b>3,429.46</b>    | <b>1,770.02</b>           |
| (VI)        | Exceptional Items  | 38       | (144.61)           | 36.78                     |
| (VII)       | <b>Profit Before Tax (V) - (VI)</b>                                |          | <b>3,574.07</b>    | <b>1,733.24</b>           |
| (VIII)      | <b>Tax Expense:</b>  |          |                    |                           |
|             | (1) Current Tax  |          | 397.27             | 304.72                    |
|             | (2) Deferred Tax   |          | 580.40             | 199.00                    |
|             | <b>Total Tax Expense</b>   |          | <b>977.67</b>      | <b>503.72</b>             |
| (IX)        | <b>Profit for the year from Continuing Operations (VII - VIII)</b> |          | <b>2,596.40</b>    | <b>1,229.52</b>           |
| (X)         | Profit/(Loss) from discontinued operations                         |          | -                  | -                         |
| (XI)        | Tax expenses of discontinued operations                            |          | -                  | -                         |
| (XII)       | Profit/ (loss) from discontinued operations (After Tax) (X- XI)    |          | -                  | -                         |



## Statement of Profit and Loss (Standalone) for the year ended 31<sup>st</sup> March 2023 (Contd...)

(Rs. in Crore)

| S. No. | Particulars   | Note No. | For the year ended |                           |
|--------|---|----------|--------------------|---------------------------|
|        |   |          | 31.03.2023         | 31.03.2022<br>*(Restated) |
| (XIII) | <b>Profit for the year (IX+XII)</b>   |          | <b>2,596.40</b>    | <b>1,229.52</b>           |
| (XIV)  | Other Comprehensive Income (OCI):   |          |                    |                           |
|        | <b>A. Items that will not be reclassified to profit or loss</b>                             | 38A      |                    |                           |
|        | Remeasurement of Employee Benefit Obligations   |          | (499.71)           | (48.52)                   |
|        | Less: Income tax relating to items that will not be reclassified to Profit or Loss on above |          | 125.77             | 12.21                     |
|        | <b>B. Items that will be reclassified to profit or loss</b>                                 |          | -                  | -                         |
|        | Less: Income tax relating to items that will not be reclassified to Profit or Loss on above |          | -                  | -                         |
|        | <b>Total Other Comprehensive Income (XIV)</b>   |          | <b>(373.94)</b>    | <b>(36.31)</b>            |
| (XV)   | <b>Total Comprehensive Income for the year (XIII+XIV)</b>                                   |          | <b>2,222.46</b>    | <b>1,193.21</b>           |
| (XVI)  | Earnings per Equity Share (Face value of Rs.10/- each):                                     | 39.5.4   |                    |                           |
|        | (1) Basic (in Rs.)  |          | 14.98              | 7.09                      |
|        | (2) Diluted (in Rs.)  |          | 14.98              | 7.09                      |

\*The comparative information is restated on account of changes/modifications to Accounting Policies and correction of errors (Refer Note No.39.6 and 39.9)

**The accompanying Notes form an integral part of Financial Statements:**

**For and on behalf of the Board**

|                          |                              |                          |                              |
|--------------------------|------------------------------|--------------------------|------------------------------|
| Sd/-                     | Sd/-                         | Sd/-                     | Sd/-                         |
| <b>(K. Sunitha Devi)</b> | <b>(Mullapudi Subba Rao)</b> | <b>(N. Balram)</b>       | <b>(N. Sridhar)</b>          |
| Company Secretary        | General Manager (F&A)        | Director (Finance) & CFO | Chairman & Managing Director |
| ACS No. 51468            |                              | DIN: 08319629            | DIN: 02510496                |

**As per our Report of even date**

For **Brahmayya & CO**  
Chartered Accountants,  
Firm Regn No.000513S

Sd/-  
**(CA.T.V. Ramana)**  
Partner  
Membership No. 200523

For **M. ANANDAM & CO**  
Chartered Accountants,  
Firm Regn No.000125S

Sd/-  
**(CA M.R. Vikram)**  
Partner  
Membership No.021012

Date : 14.07.2023

Place : Hyderabad



## STATEMENT OF CHANGES IN EQUITY (STANDALONE) FOR THE PERIOD ENDED 31<sup>ST</sup> MARCH, 2023

### A. EQUITY SHARE CAPITAL

As at 31<sup>st</sup> March 2023:

(Rs.in Crore)

| Particulars   | Balance as at 01.04.2022 | Changes in Equity Share Capital due to prior period errors | Restated Balance as at 01.04.2022 | Changes in Equity Share Capital during the current year | Balance as at 31.03.2023 |
|---------------|--------------------------|--|-----------------------------------|---|--------------------------|
| Equity Shares | 1,733.20                 | -  | 1,733.20                          | -   | 1,733.20                 |

As at 31<sup>st</sup> March 2022:

(Rs.in Crore)

| Particulars   | Balance as at 01.04.2021 | Changes in Equity Share Capital due to prior period errors | Restated Balance as at 01.04.2021 | Changes in Equity Share Capital during the current year | Balance as at 31.03.2022 |
|---------------|--------------------------|--|-----------------------------------|---|--------------------------|
| Equity Shares | 1,733.20                 | -  | 1,733.20                          | -   | 1,733.20                 |

### B. OTHER EQUITY

(1) Current Reporting Year:

(Rs.in Crore)

| Particulars                                       | Fly Ash Utilisation Reserve | General Reserve | Retained Earnings | Remeasurement of defined benefits plans (Net of Tax) - (OCI) | Total            |
|---|-----------------------------|-----------------|-------------------|--|------------------|
| <b>Balance as on 01.04.2022</b>                   | <b>18.89</b>                | <b>1,860.40</b> | <b>6,641.48</b>   | <b>(439.48)</b>  | <b>8,081.29</b>  |
| Profit for the Year                               | -                           | -               | 2,596.40          | -  | 2,596.40         |
| Other Comprehensive Income (net of tax)           | -                           | -               | -                 | (373.94)   | (373.94)         |
| Dividends paid for 2021-22                        | -                           | -               | (129.99)          | -  | (129.99)         |
| Transfer (from)/to Retained Earnings              | -                           | 100.00          | (100.00)          | -  | -                |
| Addition during the Year                          | 29.24                       | -               | -                 | -  | 29.24            |
| Fly Ash Reserve Utilization (Capital Expenditure) | -                           | -               | -                 | -  | -                |
| <b>Balance as on 31.03.2023</b>                   | <b>48.13</b>                | <b>1,960.40</b> | <b>9,007.89</b>   | <b>(813.42)</b>  | <b>10,203.00</b> |



## STATEMENT OF CHANGES IN EQUITY (STANDALONE) FOR THE PERIOD ENDED 31<sup>ST</sup> MARCH, 2023 (Contd...)

(2) Previous Reporting Year

(Rs.in Crore)

| Particulars  | Fly Ash Utilisation Reserve | General Reserve | Retained Earnings | Remeasurement of defined benefits plans (Net of Tax) - (OCI) | Total           |
|--|-----------------------------|-----------------|-------------------|--|-----------------|
| <b>Balance as on 01.04.2021</b>                                      | <b>8.93</b>                 | <b>1,760.40</b> | <b>5,542.46</b>   | <b>(403.17)</b>  | <b>6,908.62</b> |
| Adjustments for Prior Period Errors (net of Deferred Tax)            | -                           | -               | (73.41)           | -  | (73.41)         |
| Adjustments for changes in Accounting Policies (net of Deferred Tax) | -                           | -               | 129.57            | -  | 129.57          |
| <b>Restated Balance as on 01.04.2021</b>                             | <b>8.93</b>                 | <b>1,760.40</b> | <b>5,598.62</b>   | <b>(403.17)</b>  | <b>6,964.78</b> |
| Profit for the Year (Restated)                                       | -                           | -               | 1,229.52          | -  | 1,229.52        |
| Other Comprehensive Income (net of tax) (Restated)                   | -                           | -               | -                 | (36.31)  | (36.31)         |
| Dividends paid for 2020-21   | -                           | -               | (86.66)           | -  | (86.66)         |
| Transfer to/(from) Retained Earnings                                 | -                           | 100.00          | (100.00)          | -  | -               |
| Addition during the Year   | 9.96                        | -               | -                 | -  | 9.96            |
| Fly Ash Reserve Utilization (Capital Expenditure)                    | -                           | -               | -                 | -  | -               |
| <b>Restated Balance as on 31.03.2022</b>                             | <b>18.89</b>                | <b>1,860.40</b> | <b>6,641.48</b>   | <b>(439.48)</b>  | <b>8,081.29</b> |

The accompanying Notes form an integral part of Financial Statements:

For and on behalf of the Board

Sd/-  
**(K. Sunitha Devi)**  
Company Secretary  
ACS No. 51468

Sd/-  
**(Mullapudi Subba Rao)**  
General Manager (F&A)

Sd/-  
**(N. Balram)**  
Director (Finance) & CFO  
DIN: 08319629

Sd/-  
**(N. Sridhar)**  
Chairman & Managing Director  
DIN: 02510496

As per our Report of even date

For **Brahmayya & CO**  
Chartered Accountants,  
Firm Regn No.000513S

Sd/-  
**(CA.T.V. Ramana)**  
Partner  
Membership No. 200523

For **M. ANANDAM & CO**  
Chartered Accountants,  
Firm Regn No.000125S

Sd/-  
**(CA M.R. Vikram)**  
Partner  
Membership No.021012

Date : 14.07.2023  
Place : Hyderabad

**CASH FLOW STATEMENT (STANDALONE) FOR THE YEAR 2022-23**

(Rs. in Crore)

| Particulars  | For the year ended |                   |            |                   |
|--|--------------------|-------------------|------------|-------------------|
|  | 31.03.2023         | 31.03.2022        |            |                   |
| <b>A CASH FLOW FROM OPERATING ACTIVITIES</b>   |                    |                   |            |                   |
| <b>Profit Before Tax and Exceptional items, OCI</b>  |                    | <b>3,429.46</b>   |            | <b>1,770.02</b>   |
| <b>Adjustments for:</b>  |                    |                   |            |                   |
| Depreciation, Amortization Expenses  | 2,276.42           |                   | 1,619.76   |                   |
| Provision for Impairment   | 69.16              |                   | 758.93     |                   |
| Assets / CWIP/Obsolete Stores Written off  | 66.35              |                   | 6.72       |                   |
| Write off of Bad & Doubtful Debts/Advances   | 5.00               |                   | 331.20     |                   |
| Provision for Bad debts & Adv, obsolete stores Etc   | 74.21              |                   | 48.25      |                   |
| Non - Current Provisions & Liabilities   | 1,254.72           |                   | 11.64      |                   |
| Finance Costs  | 1,600.73           |                   | 1,326.12   |                   |
| Fly Ash Sale Proceeds including interest transferred to Reserve  | 29.24              |                   | 9.96       |                   |
| Stripping Activity Adjustment  | 2,676.01           |                   | 775.54     |                   |
| Adjustments for Variable Consideration (Grade Variation Coal)  | 378.72             |                   | 48.52      |                   |
| Unrealised Foreign Exchange (Gain)/Loss  | (0.06)             |                   | (3.78)     |                   |
| Provisions / Liabilities Written Back  | (1561.43)          |                   | (545.87)   |                   |
| Interest Income on Investments   | (191.52)           |                   | (260.25)   |                   |
| Interest Income on Term Deposits   | (75.96)            |                   | (86.15)    |                   |
| Interest Income on LIC-ETB   | (449.23)           |                   | (305.53)   |                   |
| Income from Mutual Funds   | (9.61)             |                   | (0.36)     |                   |
| Fair Value Change - Mutual Funds   | (0.27)             |                   | 0.02       |                   |
| Profit on Sale of Property, Plant and Equipment  | (1.69)             |                   | (3.04)     |                   |
| Actuarial gains/(losses) routed through other comprehensive income   | (499.71)           |                   | (48.51)    |                   |
| Exceptional Items  | 144.61             | 5,785.68          | (36.78)    | 3,646.40          |
| <b>Operating Profit Before Working Capital Changes</b>   |                    | <b>9,215.14</b>   |            | <b>5,416.42</b>   |
| <b>Adjustments towards changes in Working Capital</b>  |                    |                   |            |                   |
| (Increase)/Decrease in Inventories   | (659.52)           |                   | (3.46)     |                   |
| (Increase)/Decrease in Trade Receivables   | (1,022.21)         |                   | (5,678.59) |                   |
| Increase/(Decrease) in Trade Payables  | 228.78             |                   | 178.03     |                   |
| (Increase)/Decrease in Loans, Other Financial Assets and Other Assets (Current/Non-Current)                          | (1,739.19)         |                   | (517.95)   |                   |
| Increase/(Decrease) in Financial liabilities, Other Liabilities and Provisions (Current/Non-Current)                 | (1250.70)          |                   | 4,041.80   |                   |
| Tax paid Including TDS/TCS   | (399.66)           | (4,842.50)        | (307.29)   | (2,287.46)        |
| <b>Net Cash flow from Operating Activities (A)</b>   |                    | <b>4,372.64</b>   |            | <b>3,128.95</b>   |
| <b>B CASH FLOW FROM INVESTING ACTIVITIES</b>   |                    |                   |            |                   |
| Increase in Property, Plant & Equipment (including Capital Work-in-progress and Intangible Assets under Development) | (1,203.52)         |                   | (1,609.89) |                   |
| (Increase)/ Redemption of Investments  | 800.00             |                   | -          |                   |
| (Investment) / maturity of Fixed Deposits>3 months & 12 Months maturity period                                       | (1,210.19)         |                   | 666.10     |                   |
| Investment in LIC/ETB  | (734.23)           |                   | (1,623.53) |                   |
| Interest Income on LIC-ETB   | 449.23             |                   | 305.53     |                   |
| Interest Income on Investments   | 191.52             |                   | 260.25     |                   |
| Interest Income on Term Deposits   | 75.96              |                   | 86.15      |                   |
| Income from Mutual Funds   | 9.88               |                   | 0.34       |                   |
| (Investments)/Sale (in)/ of Mutual Funds   | (500.25)           |                   | 0.96       |                   |
| <b>Cash Flow from Investing Activities (B)</b>   |                    | <b>(2,121.59)</b> |            | <b>(1,914.08)</b> |



## CASH FLOW STATEMENT (STANDALONE) FOR THE YEAR 2022-23 (Contd.)

(Rs. in Crore)

| Particulars   | For the year ended |                   |
|---|--------------------|-------------------|
|   | 31.03.2023         | 31.03.2022        |
| <b>C. CASH FLOW FROM FINANCING ACTIVITIES</b>                     |                    |                   |
| Increase/ (Decrease) in Borrowings                                | (882.00)           | (294.51)          |
| Increase/(Decrease) in Demand Loans from Banks                    | -                  | (225.05)          |
| Changes in Cash Credit  | (7.10)             | (12.48)           |
| Increase/(Decrease) in Unsecured Loans                            | -                  | (1,050.00)        |
| Increase/(Decrease) in Working Capital Loans                      | (425.51)           | 375.74            |
| Interest Expense (other than unwinding costs)                     | (328.85)           | (326.20)          |
| Dividend paid   | (129.99)           | (86.66)           |
| Lease Payments (Right of Use Assets)                              | (17.74)            | (16.19)           |
| Interest Cost - Leases  | (1.50)             | (1.40)            |
| <b>Cash Flow from Financing activities (C)</b>                    | <b>(1,792.69)</b>  | <b>(1,636.75)</b> |
| <b>D Net increase in Cash and Cash Equivalents(A+B+C)</b>         | <b>458.36</b>      | <b>(421.88)</b>   |
| <b>E Cash &amp; Cash Equivalents at the beginning of the year</b> | <b>459.91</b>      | <b>881.79</b>     |
| <b>F Cash &amp; Cash Equivalents at the end of the year (D+E)</b> | <b>918.27</b>      | <b>459.91</b>     |

### Cash and Cash Equivalents for the purpose of the Statement of Cash-Flows

(Rs. in Crore)

| Particulars                                       | 2022-23 | 2021-22 |
|---|---------|---------|
| Cash & Bank Balances at the beginning of the year | 460.37  | 886.33  |
| Overdraft in current account                      | (0.46)  | (4.54)  |
| Cash & Bank Balances at the beginning of the year | 459.91  | 881.79  |
| Cash & Bank Balances at the end of the year       | 928.19  | 460.37  |
| Overdraft in current account                      | (9.92)  | (0.46)  |
| Cash & Bank Balances at the end of the year       | 918.27  | 459.91  |

**Notes:**

1. Cash and cash equivalents consist of Cash and balances with banks and deposits with original maturity of upto three months.
2. Reconciliation between the opening and closing balances in the balance sheet for liabilities arising from financing activities:

**CASH FLOW STATEMENT (STANDALONE) FOR THE YEAR 2022-23 (Contd.)**For the year ended 31<sup>st</sup> March 2023

(Rs. in Crore)

| Particulars  | Non-current borrowings | Current borrowings | Lease Liabilities (ROU) |
|--|------------------------|--------------------|-------------------------|
| Opening balance as at 1 <sup>st</sup> April, 2022          | 2,776.29               | 1,363.26           | 16.74                   |
| Proceeds from borrowings/(repayment) during the year (net) | (406.38)               | (908.23)           |                         |
| Non-cash changes due to:                                   |                        |                    |                         |
| - Acquisitions under Lease Liabilities                     | -                      | -                  | (0.88)                  |
| <b>Closing balance as at 31<sup>st</sup> March 2023</b>    | <b>2,369.91</b>        | <b>455.03</b>      | <b>15.86</b>            |

For the year ended 31<sup>st</sup> March 2022

(Rs. in Crore)

| Particulars  | Non-current borrowings | Current borrowings | Lease Liabilities (ROU) |
|--|------------------------|--------------------|-------------------------|
| Opening balance as at 1 <sup>st</sup> April, 2021          | 3,621.26               | 1,724.58           | 16.41                   |
| Proceeds from borrowings/(repayment) during the year (net) | (844.97)               | (361.32)           |                         |
| Non-cash changes due to:                                   |                        |                    |                         |
| - Acquisitions under Lease Liabilities                     | -                      | -                  | 0.33                    |
| <b>Closing balance as at 31<sup>st</sup> March 2022</b>    | <b>2,776.29</b>        | <b>1,363.26</b>    | <b>16.74</b>            |

The accompanying Notes form an integral part of Financial Statements:

For and on behalf of the Board

Sd/-  
**(K. Sunitha Devi)**  
Company Secretary  
ACS No. 51468

Sd/-  
**(Mullapudi Subba Rao)**  
General Manager (F&A)

Sd/-  
**(N. Balram)**  
Director (Finance) & CFO  
DIN: 08319629

Sd/-  
**(N. Sridhar)**  
Chairman & Managing Director  
DIN: 02510496

As per our Report of even date

For **Brahmayya & CO**  
Chartered Accountants,  
Firm Regn No.000513S

Sd/-  
**(CA.T.V. Ramana)**  
Partner  
Membership No. 200523

For **M. ANANDAM & CO**  
Chartered Accountants,  
Firm Regn No.000125S

Sd/-  
**(CA M.R. Vikram)**  
Partner  
Membership No.021012

Date : 14.07.2023

Place : Hyderabad



## Notes to the Standalone Financial Statements for the year ended 31<sup>st</sup> March, 2023

### NOTE 1. CORPORATE OVERVIEW

The Singareni Collieries Company Limited ('SCCL' or 'the Company') is a Government coal mining company jointly owned by the Government of Telangana and Government of India on a 51:49 equity basis.

The Company is mainly engaged in mining of coal. As a part of diversification, the company has entered in to power generation and presently operating 2 X 600 MW Singareni Thermal Power Plant (STPP). The major coal consumers of the company are from power and cement sectors. Power Purchase Agreement is entered with TS DISCOMs to sell the power generated from the Power Plant

The Company's coal reserves stretch across 350 Km of the Pranahita – Godavari Valley of Telangana with a proven geological reserves aggregating to approx. 8800 million tonnes. SCCL is currently operating 21 opencast and 24 underground mines in 6 districts of Telangana. Further, the company was allotted Naini coal block at Angul District, Odisha State with approx.341 million tonnes of extractable reserves. The operations at this Coal block would commence shortly.

SCCL is at present has not listed its stocks anywhere.

### NOTE 2. SIGNIFICANT ACCOUNTING POLICIES:

#### 2.1 Basis of preparation of financial statements

##### A) Statement of Compliance

The financial statements of the Company are prepared using accrual basis of accounting in accordance with Indian Accounting Standards (Ind AS) notified under the Companies (Indian Accounting Standards) Rules, 2015 as amended and the relevant provisions of The Companies Act, 2013 and The Electricity Act, 2003.

##### B) Basis of Measurement:

The financial statements are prepared on historical cost basis of measurement, except for

- Financial Assets and Liabilities measured at fair value (Accounting Policy on financial instruments in para No.2.2.16);
- Defined benefit plans- plan assets measured at fair value;
- Inventories at Cost or NRV whichever is lower (Accounting Policy in para No. 2.2.5).
- Other claims and revenues (Accounting policy No.2.2.1.E)
- Certain Provisions are measured at fair value ( Accounting Policy No.2.2.7)

##### C) Functional or presentation currency:

The financial statements are presented in Indian rupees, which is the functional currency of the Company. All financial information presented in Indian rupees has been rounded to the nearest Crore up to two decimal points.

##### D) Use of Estimates and Judgement

The preparation of financial statements in conformity with Ind AS requires management to make judgments, estimates and assumptions that affect the application of accounting policies and the reported amounts of assets, liabilities, income and expenses. Actual results may differ from these estimates. Estimates and underlying assumptions are reviewed on a periodic basis. Revisions to accounting estimates are recognized in the period in which the estimates are revised and in any future periods affected.



**E) Formulation of Accounting Policies:**

Accounting policies are formulated in a manner that result in financial statements containing relevant and reliable information about the transactions, other events and conditions to which they apply. Those policies need not be applied when the effect of applying them is immaterial.

In the absence of an Ind AS that specifically applies to a transaction, other event or condition, management has used its judgement in developing and applying an accounting policy that results in information that is:

- a) relevant to the economic decision-making needs of users; and
- b) reliable in that financial statements:
  - i) represent faithfully the financial position, financial performance and cash flows of the entity;
  - ii) reflect the economic substance of transactions, other events and conditions, and not merely the legal form;
  - iii) are neutral, i.e. free from bias;
  - iv) are prudent; and
  - v) are complete in all material respects on a consistent basis

In making the judgement management refers to, and considers the applicability of, the following sources in descending order:

- a) the requirements in Ind ASs dealing with similar and related issues; and
- b) the definitions, recognition criteria and measurement concepts for assets, liabilities, income and expenses in the Framework.

In making the judgement, management considers the most recent pronouncements of International Accounting Standards Board and in absence thereof those of the other standard-setting bodies that use a similar conceptual framework to develop accounting standards, other accounting literature and accepted industry practices, to the extent that these do not conflict with the sources in above paragraph.

The company operates in the mining sector (a sector where the exploration, evaluation, development production phases are based on the varied topographical and geo-mining terrain spread over the lease period running over decades and prone to constant changes), the accounting policies whereof have evolved based on specific industry practices supported by research committees and approved by the various regulators owing to its consistent application over the last several decades. In the absence of specific accounting literature, guidance and standards in certain specific areas which are in the process of evolution. The Company continues to strive to develop accounting policies in line with the development of accounting literature and any development therein shall be accounted for prospectively as per the procedure laid down above more particularly in Ind AS 8.

**F) Materiality**

Management uses judgement of materiality for determining the compliance requirement of the Ind AS. Management also uses judgment in deciding whether individual items or groups of item are material in the financial statements. Materiality is judged by reference to the size and nature of the item. The deciding factor is whether omitting, misstating or obscuring it could reasonably be expected to influence decisions that the primary users of general purpose financial statements make on the basis of those financial statements, which provide financial information about the company.

A Transaction is considered material only if it exceeds Rs.50.00 lakh in each case for the purpose of adjustments for Pre-paid and Prior period items.



*Notes to the Standalone financial statements for the year ended 31<sup>st</sup> March, 2023 (Contd...)*

## **2.2 Summary of Accounting Policies:**

### **2.2.1 Revenue recognition**

Revenue from Operations is recognised duly adopting the five-step model specified in Ind AS 115 to account for revenue arising from contracts with customers and requires that revenue be recognized at an amount that reflects the consideration to which the Company expects to be entitled in exchange for transferring goods or services to a customer.

The Company exercises judgement, taking into consideration all of the relevant facts and circumstances when applying each step of the model to contracts with their customers. Further, the Company has adopted Ind AS 115 using the modified retrospective transition method of adoption.

#### **A. Sale of Goods – Coal :**

Sales are recognised when control of the products has been transferred to the customer, being when the products are delivered to the customer and there is no unfulfilled obligation that could affect the customer's acceptance of the products.

Emphasis is also given towards ascertaining the probability of recovery for recognition of the revenue at the inception of the contract. Revenue from these sales is recognised based on the notified prices, net of the estimated discounts, rebates, returns and Goods and Service tax.

Revenue is measured at the standalone fair value of the consideration received or receivable (net of accepted deductions allowed to customers on account of quality of coal) taking into account contractually defined terms of payment.

The company's obligation to provide a refund for defects in the products is recognised as a provision. A receivable is recognised when the goods are delivered as this is the point in time that the consideration is unconditional because only the passage of time is required before the payment is due.

#### **B. Sale of Electricity**

Revenue from Sale of Electricity is recognised in accordance with the terms of Power Purchase Agreement (PPA) and the principles laid down under the relevant Tariff Regulations / Tariff Orders notified by the Hon. Telangana State Electricity Regulatory Commission (TSERC). Revenue from sale of Electricity is recognized over time.

#### **C. Sale of Solar Banked Units:**

Revenue from Sale of Solar Banked Units is recognized for the Banked Units taken over by TSTRANSCO as reduced by applicable Banking Charges, at the Rate / Unit notified by Hon'ble TSERC for the relevant year.

#### **D. Rendering of services:**

When the outcome of a transaction involving the rendering of services can be estimated reliably, revenue associated with the transaction is recognised with reference to the stage of completion of the transaction at the end of the reporting period.

#### **E. Recognition of Interest income**

Interest income is recognized using the effective interest rate method.

#### **F. System of accounting of certain specific claims/revenues:**

- a. Penalty for short lifting of coal, on termination of contracts, for delay in supply of material/execution of contracts and Interest on belated payment of coal dues on realisation. For this purpose, the invocation of Bank Guarantee is considered as realization.



*Notes to the Standalone financial statements for the year ended 31<sup>st</sup> March, 2023 (Contd...)*

- b. The interest/ Late Payment Surcharge on late payment/ overdue sundry debtors for sale of power is recognised when no significant uncertainty as to measurability or collectability exists.
- c. Escalation in prices and duties for explosives, equipment and spares supplied on payment.
- d. Credit towards Powder factor is accounted as and when recovered from the suppliers of Explosives.
- e. Additional claims from contractors on Capital Works when claims are settled, other than subsidiary.
- f. Scrap sales are accounted for as and when lifted; and
- g. Insurance Claims on receipt.
- h. Bonus accrued in respect of OBR contracts on receipt of claims from the contractors as per order terms for encashment.
- i. **Fly Ash Utilization Reserve Fund :**  
Proceeds from sale of Fly ash along-with income on investment of such proceeds are transferred to 'Fly Ash Utilization Reserve Fund' in pursuance of directives from Ministry of Environment and Forests, Government of India. The fund is utilized towards expenditure on development of infrastructure / facilities, promotion & facilitation activities for use of fly ash.

### **2.2.2 Grants from Government**

Government Grants are not recognised until there is reasonable assurance that the company will comply with the conditions attached to them and that there is reasonable certainty that grants will be received.

Government Grants related to Assets are presented in the Balance Sheet as a deduction from the carrying amount of the respective asset.

Grants related to Income (i.e. grant related to other than assets) are presented as part of Statement of Profit or Loss.

Government Grants in the form of transfer of Government (assigned) Lands for use are presented at Nominal Value.

### **2.2.3 Property, Plant and Equipment:**

#### **A. Recognition and measurement:**

Property, plant and equipment are measured at cost less accumulated depreciation and impairment losses, if any. Cost includes expenditures directly attributable to the acquisition of the asset and the initial estimate of the costs of dismantling and removing the item and restoring the site on which it is located. The Company has elected to apply the optional exemption to use this previous GAAP value as deemed cost as at 1 April 2015, the date of transition.

The recognition of the Property, plant and equipment is subject to the following principles:

#### **1. Land:**

- a. Lands are capitalized from the date of taking possession / Award whichever is earlier. Payments made for Renewal of Leasehold lands are capitalized from the date of payment.
- b. Freehold Lands (Patta lands, lands acquired under Land Acquisition Act, 1894, Right to Fair Compensation and Transparency in Land Acquisition Rehabilitation and Resettlement Act, 2013 and Govt. Assigned lands) include cost of acquisition, Compensation, rehabilitation expenses, resettlement cost and interest upto the date of taking possession.
- c. Leasehold Lands (Forest lands) include cost of compensatory land, NPV, afforestation and deforestation expenditure with regard to acquisition of forest land.



*Notes to the Standalone financial statements for the year ended 31<sup>st</sup> March, 2023 (Contd...)*

**2. Railway sidings:**

Complete track renewals and sleeper renewals on Railway Sidings are capitalised on completion of the work.

**3. Plant & Equipment:**

**a. Following items are classified as Capital;**

- i) PVC Armoured Cables of all sizes; and
  - ii) G.I. Pipes of 2" Dia and above.
- b. Expenditure on Rehabilitation of HEMM and other Major Plant and Machinery is treated as Capital expenditure if such expenditure increases the future benefit from the Asset beyond its previously assessed standard of performance.
- c. Equipment received for Projects under construction/ Mines under development but not installed and commissioned by the end of the year is shown as Capital Works-in-Progress.

**B. Depreciation:**

- i) Depreciation on other Property, Plant and Equipment is provided on written down value method on the assets capitalised before 01.04.1985.
- ii) Depreciation on property, plant and equipment, except freehold land, is provided as per cost model on straight line basis over the estimated useful lives of the asset as follows as per the Schedule II of the Companies Act,2013.
- iii) In case of Thermal Power Plant related Assets, the rates of depreciation as stipulated by CERC are adopted. However, certain Assets whose life is expected to be less than the CERC specified lives, the lower lives are adopted for depreciation of such Assets.
- iv) Machinery Spares which can be used only as a significant part of an item of Property, Plant & Equipment and whose use is expected to be irregular are capitalised and depreciated over the useful life of the spares.
- v) The estimated useful lives of the Assets are reviewed at the end of each financial year.
- vi) In some cases based on technical evaluation, the management believes that the useful lives given below best represents the period over which the management expects to use the asset. Hence the useful lives of the below mentioned assets are lower than the useful lives prescribed under Part C of schedule II of companies act, 2013:

|   |           |
|---|-----------|
| ➤ LHDs  | 7 Years   |
| ➤ Jumbo Drills at CDF Panel                           | 7.5 Years |
| ➤ SDLs  | 4 Years   |
| ➤ Self Contained Self Rescuers                        | 10 Years  |
| ➤ 35T Dumpers   | 6 Years   |
| ➤ Hydraulic Shovels upto 5 CU.M                       | 7 Years   |
| ➤ Blast Hole Drills <160mm                            | 7 Years   |
| ➤ Coal Tubs   | 1 Year    |
| ➤ Winding Ropes                                       | 1 Year    |
| ➤ Safety Lamps  | 1 Year    |
| ➤ Stowing Pipes                                       | 1 Year    |
| ➤ Assets whose actual cost does not exceed Rs.5,000/- | 1 Year    |

*Notes to the Standalone financial statements for the year ended 31<sup>st</sup> March, 2023 (Contd...)*

- vii) Value of leasehold lands is amortised over a period of 10 years or over the lease period whichever is lower:
    - from the date possession in case of fresh leases
    - from the date of payment in case of renewal of leases.
  - viii) Freehold Lands used for UG/OC mining Operations are amortized over the Life of the respective Mine/ Project.
  - ix) Buildings (Factory), Buildings (Others) and Roads used at Mines are depreciated over the useful life of the respective Mine or the useful lives of the Assets as per Schedule II of the Companies Act, 2013, whichever is lower.
- C)** When parts of an item of property, plant and equipment, with a cost that is significant in relation to the total cost of the item, have different useful lives, they are accounted for as separate items (major components) of property, plant and equipment. Subsequent expenditure relating to property, plant and equipment is capitalized only when it is probable that future economic benefits associated with these will flow to the Company and the cost of the item can be measured reliably. For this purpose spares having a value of Rs.25.00 lakh/unit and above are considered as Major Spares (i.e. Significant Components) and the same are depreciated over the estimated useful life of the respective spare.
- D)** The cost and related accumulated depreciation are eliminated from the financial statements upon sale or disposition of the asset and the resultant gains or losses are recognized in the statement of profit and loss.

**2.2.4 Intangible assets**

Intangible assets are stated at cost less accumulated amortization and impairment. Intangible assets are amortized over their respective estimated useful lives on a straight line basis, from the date that they are available for use. The estimated useful life of an identifiable intangible asset is based on a number of factors including the effects of obsolescence, demand, competition and other economic factors (such as the stability of the industry and known technological advances) and the level of maintenance expenditures required to obtain the expected future cash flows from the asset. Cost of ERP software recognized as intangible asset is amortised over a period of 5 years.

Expenditure incurred on any facility, the ownership of which is not vested with the company, but the incurrence of which is essential in bringing an asset/ projects of the Company to the location and condition necessary to be capable of operating in the manner intended by the Management, shall be capitalized and amortized over the period corresponding to the period of deriving economic benefits from such Enabling Assets.

**2.2.5 Inventory:****A. Stock of Coal:**

- i) Wherever variation (+/-) between the volumetrically measured coal stocks (including washery products) and the book stocks is more than 5%, the volumetrically measured stock balances are adopted.  
The quantities of closing stock of Coal thus arrived at are valued after effecting a reduction of 5% to provide for anticipated storage losses.
- ii) Closing stock of coal including stock at washeries, coal-in-wagons, washed coal, is valued at lower of cost and net realisable value.  
Closing stock of washery by products viz., rejects, slurry and fines are valued at net realisable value (shale and stone at nil value)  
Coal stock at STPP is valued at lower of the Cost (being the cost of production of the respective issuing Mines/CHP as arrived at as per para (iii) below plus transportation costs and taxes) or the Net Realisable Value (being the Energy charges realisable from Customer).



*Notes to the Standalone financial statements for the year ended 31<sup>st</sup> March, 2023 (Contd...)*

- iii) The cost of production of respective Under Ground (UG) and Open Cast (OC) mines is considered as cost of coal for the stocks of respective UG and OC mines. The cost of stock at CHP and other stocking points is arrived by considering the ratio of admittance of coal from UG and OC mines during the year. The Cost of Production as per the Cost Accounting records is considered as Cost of Production for valuation of closing Stock of Coal as per Ind AS 2 - Inventories.
- iv) Cost of washed coal is calculated at average cost of production of coal as at (iii) above plus washery charges adjusted to standard yield, and by deducting NRV of by products from the cost thus arrived.
- v) The net realisable value of grade-wise coal (including washed coal, rejects, slurry and fines) is arrived at on the basis of selling price to power utilities and mark up/ cost plus price wherever applicable less re-handling charges.

**B. Stores & Spares**

- i) Stores & Spares (including loose tools) and Medicines (including surgical and other hospital items) are valued at Weighted Average cost.
- ii) Suitable Provision for slow, non-moving and obsolescence is provided on review of stores and spares on annual basis considering the general time frame of 3 years and 5 years for classifying the Stores and Spares held for use in Mining Operations and Thermal Power Plant Operations, respectively.

**C. Other Inventories**

Stock of provisions, stationery and sand are not valued and are charged directly to consumption on receipt.

**2.2.6 Borrowing costs**

Borrowings costs directly attributable to acquisition or construction of an asset that necessarily takes a substantial period of time to get ready for its intended use are capitalised as part of the cost of the asset. All other borrowing costs are expensed in the period in which it occurs.

**2.2.7 Mine Closure, Site Restoration and Decommissioning Obligations:**

**A. Mine closure Plan:**

- i) The company's obligation for land reclamation and decommissioning of structures consists of spending at both surface and underground mines in accordance with the guidelines from Ministry of Coal, Government of India.
- ii) The company estimates its obligation for Mine Closure, Site Restoration and Decommissioning based upon detailed calculation and technical assessment of the amount and timing of the future cash spending to perform the required work. Mine Closure expenditure is provided as per approved Mine Closure Plan.
- iii) The estimates of expenses are escalated for inflation, and then discounted at a discount rate that reflects the current market assessment of the time value of money and the risks, such that the amount of provision reflects the present value of the expenditures expected to be required to settle the obligation. The company records a corresponding asset associated with the liability for final reclamation and mine closure. The obligation and corresponding assets are recognised in the period in which the liability is incurred. The asset representing the total site restoration cost as per mine closure plan is recognised as a separate item in PPE and amortised over the balance project/mine life.
- iv) The value of the provision is progressively increased over time as the effect of discounting unwinds; creating an expense recognised as financial expenses.
- v) Further, a specific escrow fund account is maintained for this purpose as per the approved mine closure plan.

*Notes to the Standalone financial statements for the year ended 31<sup>st</sup> March, 2023 (Contd...)*

- vi) The progressive mine closure expenses incurred on year to year basis forming part of the total mine closure obligation is initially recognised as receivable from escrow account and thereafter adjusted with the obligation in the year in which the amount is withdrawn after the concurrence of the certifying Agency.
- vii) Specific realistic estimation of final mine closure obligation in respect of Mines having balance lives of 5 years or less is made every year by Technical department.

**B. Backfilling of Overburden/Water Body Maintenance:**

- i) In order to comply with the Ministry of Environment & Forest's stipulation regarding reducing the depth of the final void of certain opencast mines to 30/35/45 meters from surface, re-handling/dumping overburden (OB) is to be carried out to reduce the final void as per the MOEF stipulation. The reduction of the final void can be done either (i) by re-handling the Overburden of the external/ internal dumps or (ii) by dumping the OB produced from the adjacent/relay projects.
- ii) Re-handling of Overburden of the external/internal dumps incurs additional cost which is provided for. The cost of dumping from the adjacent / relay project is considered as the cost of Overburden removal of the adjacent/relay project.
- iii) The estimation of quantity of Overburden (OB) required to backfill the final void is made by in-house technical estimation by professionals in Mining, Project Planning Environment fields. Total cost of Backfilling required is estimated, based on the total quantity to be backfilled in cubic metres at the end of mine life, at the SCCL weighted average rate of OB Removal (excluding the cost of blasting) outsourced operations.
- iv) Specific realistic estimation of backfilling obligation in respect of OC Mines having balance life of 3 years or less is made every year by the Technical department.
- v) In respect of OC Mines for which the Company proposed to maintain the Final voids as Water bodies, approval is accorded by MoEF with a condition to provide adequate engineering interventions for sustenance of aquatic life in case the depth of the final void exceeds 40m.
- vi) The Engineering interventions and other required activities incur additional expenditure which is provided for.
- vii) Estimation of cost per Hectare of Final void based on the final void area (Ha), necessary engineering interventions and other required activities is made by in-house technical professionals in Mining, Project Planning and Environment fields.
- viii) The estimation of Liability and corresponding recognition of Asset, discounting of liability and depreciation of asset and unwinding of liability etc, shall be as per the procedure mentioned at accounting policy no 2.2.7.A.(iii) and (iv).

**2.2.8 Exploration and Evaluation assets**

Exploration expenditure relates to the initial search for deposits with economic potential. Expenditure on exploration activity is treated as revenue expenditure.

Evaluation expenditure relates to a detailed assessment of deposits or other projects that have been identified as having economic potential. Capitalisation of evaluation expenditure commences when there is a high degree of confidence that the Company will determine that a project is commercially viable, that is the project will provide a satisfactory return relative to its perceived risks, and therefore it is considered probable that future economic benefits will flow to the Company.



*Notes to the Standalone financial statements for the year ended 31<sup>st</sup> March, 2023 (Contd...)*

### **2.2.9 Development Expenditure**

- A) When proved reserves are determined and development of mines/project is sanctioned, cost is recognised as assets under construction and disclosed as a component of capital work in progress under the head "Development". All subsequent development expenditure is also capitalised. Drilling done for projects under construction which is capitalised with the project cost under development at average normal cost per metre.
- B) The Projects/Mines under development are brought to Revenue, earlier of
- i) Either from the month following;
    - a) The achievement of 25% of the rated production, or
    - b) Completion of two years after touching the coal

OR
  - ii) from the beginning of the year, wherein the value of production at the monthly selling price of the Mine is more than the total related expenses of such developed project/ mine.
- C) Expenditure incurred on Projects under Construction/Mines under Development is capitalised till such Projects/Mines are brought to revenue. In case of Long wall / Blasting Gallery (BG) technology Projects, the expenditure is capitalised up to the date of commissioning of the equipment.
- D) Overheads specifically incurred for the projects under construction were capitalised.
- E) Sale value of coal produced by Projects/Mines under construction is credited to Development Account at the Monthly Selling Price for the Mine.
- F) Residual Development Expenditure on Mines taken-up for reconstruction is treated as Development Expenditure of New Reconstruction Projects.
- G) On being brought to revenue, the assets under capital work in progress are reclassified as a component of property, plant and equipment under the nomenclature "Other Mining Infrastructure". Other Mining Infrastructure are amortised over the Projects Life as estimated in the FR/latest life, not exceeding 10 years.

### **2.2.10 Over Burden Removal (OBR) - Stripping Cost**

- i) Expenditure on Overburden Removal (Stripping Cost) is charged at Stripping Ratio of the Open Cast projects irrespective of the Ratio of Actual Removal during the year. Expenditure on OB Removal is booked in the natural heads. The variance between actual OB Removal expenditure and OB Removal charge as per Stripping Ratio is shown as OB Removal adjustment account. Interest, Depreciation and Overheads on OB Removal are treated as period cost and not considered for arriving at OB Removal charge.
- ii) The company reviews the Stripping Ratios of all the operating Open Cast Projects with revenue workings once in three years. In case significant deviation occurs in mining & geological structure, reorganisation and closure of mines, such review is taken up on occurrence.
- iii) Provision for future Overburden Removal is restated at current year cost and difference is taken to profit and loss account. Advance Action for Overburden removal is valued at weighted average cost.

### **2.2.11 Investment in Subsidiaries and Joint Ventures:**

Investments in subsidiaries and joint ventures are measured at cost.

### **2.2.12 Foreign Currency Transactions:**

- i) Monetary items related to Foreign currency transactions remaining unsettled at the end of the year are reported at the exchange rate at the Balance Sheet date.



*Notes to the Standalone financial statements for the year ended 31<sup>st</sup> March, 2023 (Contd...)*

- ii) Profit or Loss on account of exchange differences either on settlement or on restatement is recognised in the Profit and Loss Account.
- iii) Foreign currency gains and losses are reported on a net basis.

**2.2.13 Income tax**

Income tax comprises current and deferred tax. Income tax expense is recognized in the statement of profit and loss except to the extent it relates to items directly recognized in equity or in other comprehensive income.

**A. Current income tax**

Current income tax for the current and prior periods are measured at the amount expected to be recovered from or paid to the taxation authorities based on the taxable income for the period. The tax rates and tax laws used to compute the current tax amount are those that are enacted or substantively enacted by the reporting date and applicable for the period.

The Company offsets current tax assets and current tax liabilities, where it has a legally enforceable right to set off the recognized amounts and where it intends either to settle on a net basis or to realize the asset and liability simultaneously.

**B. Deferred income tax**

Deferred income tax is recognized using the balance sheet approach. Deferred income tax assets and liabilities are recognized for deductible and taxable temporary differences arising between the tax base of assets and liabilities and their carrying amount in financial statements.

Deferred income tax asset are recognized to the extent that it is probable that taxable profit will be available against which the deductible temporary differences, and the carry forward of unused tax credits and unused tax losses can be utilized.

Deferred income tax liabilities are recognized for all taxable temporary differences. The carrying amount of deferred income tax assets is reviewed at each reporting date and reduced to the extent that it is no longer probable that sufficient taxable profit will be available to allow all or part of the deferred income tax asset to be utilized.

Deferred income tax assets and liabilities are measured at the tax rates that are expected to apply in the period when the asset is realized or the liability is settled, based on tax rates (and tax laws) that have been enacted or substantively enacted at the reporting date.

**2.2.14 Employee Benefits****A. Short-term Benefits**

All short term employee benefits are recognized in the period in which they are incurred.

**B. Post-employment benefits and other long term employee benefits:****I. Defined contribution plans:**

Employer's contribution under Coal Mines Provident Fund Act and Executives Superannuation, Pension Benefits are defined Contribution Plans and the expenditure/ provision on the above is charged to statement of Profit & Loss.

**II. Defined benefits plans:**

- a) **Gratuity:** Gratuity is a defined benefit scheme. The cost of providing benefits is determined using the projected unit credit method, with actuarial valuations being carried out at each balance sheet date. The retirement benefit obligations recognised in the Balance Sheet represents the present value of the defined benefit obligations as reduced by the fair value of scheme assets.



*Notes to the Standalone financial statements for the year ended 31<sup>st</sup> March, 2023 (Contd...)*

- b) Leave encashment (Vesting) and Post Superannuation Medical Benefit to Executives and Non Executives are provided based on actuarial valuation carried out at each balance sheet date.
- c) Re-measurement of the net defined benefit liability, which comprise actuarial gain and losses considering the return on plan assets (excluding interest) and the effects of the assets ceiling (if any, excluding interest) are recognised immediately in the other comprehensive income in case of post-employment defined benefit plans. Net interest expense and other expenses related to defined benefit plans are recognised in profit and loss.
- d) When the benefits of the plan are improved, the portion of the increased benefit relating to past service by employees is recognised as expense immediately in the statement of profit and loss.
- e) Other employee benefits :  
Certain employee benefits viz. Settling Allowance, LTC / LLTC , non-vesting Leave entitlements(after considering Non-Availment Factor) and Monthly Monetary Compensation to dependants of deceased in mine accidents/ medical unfit/ Low Productive Employees are also recognised on the same basis as described above for defined benefit plans.
- f) Voluntary retirement compensation is expensed in the year of incurrence.

### **2.2.15 Provisions and Contingent Liabilities:**

Provisions are recognized when the company has a present obligation (legal or constructive) as a result of a past event, and it is probable that an outflow of economic benefits will be required to settle the obligation and a reliable estimate of the amount of the obligation can be made.

Where the time value of money is material, provisions are stated at the present value of the expenditure expected to settle the obligation. All provisions are reviewed at each balance sheet date and adjusted to reflect the current best estimate. The discount rate is a pre-tax rate that reflects current market assessments of the time value of money and risk specific to the liability.

Where it is not probable that an outflow of economic benefits will be required, or the amount cannot be estimated reliably, the obligation is disclosed as a contingent liability, unless the probability of outflow of economic benefits is remote. Possible obligations, whose existence will only be confirmed by the occurrence or non-occurrence of one or more future uncertain events not wholly within the control of the company, are also disclosed as contingent liabilities unless the probability of outflow of economic benefits is remote.

### **2.2.16 Financial Instruments:**

#### **A) Classification:**

The classification of financial instruments depends on the objective of the business model for which it is held. Management determines the classification of its financial instruments at initial recognition.

#### **B) Initial Measurement:**

All financial instruments are recognized initially at fair value. Transaction costs that are attributable to the acquisition of the financial asset/liability (other than financial assets recorded at fair value through profit or loss) are included in the fair value of the financial assets/liabilities. While, loans and borrowings and payable are recognized net of directly attributable transactions costs.

#### **C) Subsequent Measurement:**

For the purpose of subsequent measurement, financial instruments of the Company are classified in the following categories: non-derivative financial assets comprising amortized cost; non derivative financial liabilities at amortized cost and equity instruments at fair value through Profit and Loss account (FVTPL). Financial instruments at Fair Value represent Investments in Mutual Funds classified as Current Investments.

**a) Non-derivative financial assets:****Financial assets at amortized cost**

A financial asset shall be measured at amortized cost if both of the following conditions are met:

- i) the financial asset is held within a business model whose objective is to hold financial assets in order to collect contractual cash flows; and
- ii) the contractual terms of the financial asset give rise on specified dates to cash flows that are solely payments of principal and interest on the principal amount outstanding.

They are presented as current assets, except for those maturing later than 12 months after the reporting date which are presented as non-current assets. Financial assets are measured initially at fair value plus transaction costs and subsequently carried at amortized cost using the effective interest method, less any impairment losses.

Financial Assets at amortized cost are represented by security deposits, cash and cash equivalents, Trade receivables & similar nature and eligible current and non-current assets.

Non Current assets comprises investments in debentures or bonds quoted, fully paid up, which are carried at amortized cost.

**b) Non-derivative financial liabilities at amortized cost**

Financial liabilities at amortized cost represented by trade and other payables are initially recognized at fair value, and subsequently carried at amortized cost using the effective interest method.

**2.2.17 Impairment:****Impairment of Assets (Non-financial assets)**

The company assesses at the end of each reporting period whether there is any indication that an asset may be impaired. If any such indication exists, the company estimates the recoverable amount of the asset. An asset's recoverable amount is the higher of the asset's or cash-generating unit's value in use and its fair value less costs of disposal, and is determined for an individual asset, unless the asset does not generate cash inflows that are largely independent of those from other assets or groups of assets, in which case the recoverable amount is determined for the cash-generating unit to which the asset belongs. Company considers individual mines as separate cash generating units for the purpose of test of impairment.

If the recoverable amount of an asset is estimated to be less than its carrying amount, the carrying amount of the asset is reduced to its recoverable amount and the impairment loss is recognized in the Statement of Profit and Loss.

**Impairment of financial assets (other than fair value)**

In accordance with Ind AS 109, the Company applies expected credit loss (ECL) model for measurement and recognition of impairment loss. The Company follows 'simplified approach' for recognition of impairment loss allowance on trade receivable.

The application of simplified approach does not require the Company to track changes in credit risk. Rather, it recognises impairment loss allowance based on lifetime ECLs at each reporting date, right from its initial recognition.

For recognition of impairment loss on other financial assets and risk exposure, the Company determines that whether there has been a significant increase in the credit risk since initial recognition. If credit risk has not increased significantly, 12-month ECL is used to provide for impairment loss. However, if credit risk has increased significantly, lifetime ECL is used. If in subsequent period, credit quality of the instrument improves such that there is no longer a significant increase in credit risk since initial recognition, then the entity reverts to recognising impairment loss allowance based on 12 month ECL.



*Notes to the Standalone financial statements for the year ended 31<sup>st</sup> March, 2023 (Contd...)*

Lifetime ECLs are the expected credit losses resulting from all possible default events over the expected life of a financial instrument. The 12 month ECL is a portion of the lifetime ECL which results from default events that are possible within 12 months after the reporting date. ECL is the difference between all contractual cash flows that are due to the Company in accordance with the contract and all the cash flows that the entity expects to receive (i.e. all shortfalls), discounted at the original EIR. When estimating the cash flows, an entity is required to consider:

- i) All contractual terms of the financial instrument (including prepayment, extension etc.) over the expected life of the financial instrument. However, in rare cases when the expected life of the financial instrument cannot be estimated reliably, then the entity is required to use the remaining contractual term of the financial instrument.
- ii) Cash flows from the sale of collateral held or other credit enhancements that are integral to the contractual terms.

ECL impairment loss allowance (or reversal) recognised during the period is recognised as income/expense in the statement of profit and loss. The balance sheet presentation for various financial instruments is described below:

Financial assets measured at amortised cost, contractual revenue receivable: ECL is presented as an allowance, i.e. as an integral part of the measurement of those assets in the balance sheet. The allowance reduces the- net carrying amount. Until the asset meets write off criteria, the Company does not reduce impairment allowance from the gross carrying amount.

### **2.2.18 Leases:**

The Company evaluates at the inception of a contract, whether the contract is, or contains, a lease, if the contract conveys the right to control the use of an identified Asset(after performing Substitutability test as described in para B14 to B19 of the Ind AS 116).The Company shall account for each lease component within contract as a lease separately from non-lease components from the contract and allocate the consideration in the contract to each lease component on the basis of relative standalone price of such lease component.

Identification of a lease requires significant judgment. The Company determines the lease term as the non-cancellable period of a lease together with the periods covered by an option to extend the lease if the Company is reasonably certain to exercise that option.

In the absence of the interest rates implicit in the Contracts, the Company adopts incremental borrowing rate as the discount rate.

Lease liability is initially recognised and measured at an amount equal to the present value of lease payments to be made during the lease term and corresponding amount is recognised as Right of Use Asset which is measured at cost.

The lease liability is measured in subsequent periods using the effective interest rate method. The right-of-use asset is depreciated over the lease term on straightline basis.

The amounts payable in respect of Low Value leases up to Rs.2.00 lakhs/P.M per Identified Asset and the Short term leases of 12 months or less are fully charged off as expenses of the period.

The Company had adopted Option II of the Modified Retrospective Approach permitted under Clause no C.5(b) read with C7 and C8 of the Appendix C of the Accounting Standard. Accordingly, the Lease Liability and corresponding Right of Use Assets are initially recognized at the present value of the future Lease payments outstanding as on 01.04.2019.

### **2.2.19 Investment Property:**

Property (land or building or part of building or both) held to earn rentals or for capital appreciation or both, rather than for, use in the production or supply of goods or services or for administrative purposes, or sale in the ordinary course of businesses are classified as Investment Property.



*Notes to the Standalone financial statements for the year ended 31<sup>st</sup> March, 2023 (Contd...)*

Investment property is measured initially at cost, including related transaction costs and where applicable borrowing costs.

Investment properties are depreciated using the straight line method over the estimated useful lives as per the schedule II of the Companies Act, 2013.

Properties earning rental Income of less than Rs.50,000/P.M and having with a lease period of 12 months or less are not considered as Investment Property.

**2.2.20 Earnings per share:**

Basic and diluted earnings per share are computed by dividing the net profit after tax before considering other comprehensive income by the weighted average number of equity shares outstanding during the period.

**2.2.21 Material Prior Period Errors, Effect of change in the Accounting Policies:**

Material prior period errors are corrected retrospectively by restating the comparative amounts of the prior period(s) presented in which the error occurred. If the error occurred before the earliest period presented, the opening balances of assets, liabilities and equity for the earliest period presented, are restated.

The changes to the accounting policies are done retrospectively and the application of such change is limited to the earliest period practicable by adjusting the opening balance of each affected component of equity and other comparative amounts disclosed for each prior period presented as if the new Accounting Policy had always been applied.



**Singareni Civil Contract Manual - 2023 is released by Sri N.Balram IRS,  
Director (Finance) and (PA&W)**



Notes to the Standalone financial statements for the year ended 31<sup>st</sup> March, 2023 (Contd...)

**NOTE 3: PROPERTY, PLANT AND EQUIPMENT:**

(Rs. in Crore)

| Particulars                                  | Freehold Lands-Mining | Freehold Lands-Others | Lease hold Lands | Buildings Factory | Buildings Others | Roads   | Railway Sidings | Plant & Equipment | Furniture & Fixtures | Vehicles | Office Equipment | Land Reclamation / site Restoration Costs | Other Mining Infra-structure | Total     |
|--|-----------------------|-----------------------|------------------|-------------------|------------------|---------|-----------------|-------------------|----------------------|----------|------------------|---|------------------------------|-----------|
| <b>Gross Carrying Amount:</b>                |                       |                       |                  |                   |                  |         |                 |                   |                      |          |                  |   |                              |           |
| As at 1 <sup>st</sup> April 2021             | 1,985.84              | 133.42                | 884.72           | 787.82            | 1,098.53         | 293.92  | 247.28          | 13,947.79         | 25.41                | 60.60    | 13.75            | 5,872.90                                  | 1,905.92                     | 27,257.90 |
| Adjustments for Restatements                 | -                     | -                     | -                | -                 | -                | -       | -               | (24.44)           | -                    | -        | 24.44            | 8.07                                      | -                            | 8.07      |
| As at 1 <sup>st</sup> April 2021 (Restated)  | 1,985.84              | 133.42                | 884.72           | 787.82            | 1,098.53         | 293.92  | 247.28          | 13,923.35         | 25.41                | 60.60    | 38.19            | 5,880.97                                  | 1,905.92                     | 27,265.97 |
| Additions (Restated)                         | 314.08                | 12.00                 | 33.95            | 37.38             | 87.34            | 48.51   | 4.68            | 693.90            | 1.45                 | 1.21     | 3.18             | 3,412.95                                  | 214.08                       | 4,864.72  |
| Deductions/Disposals                         | (1.60)                | -                     | -                | (0.94)            | (0.24)           | (0.03)  | -               | (348.22)          | (0.21)               | (0.93)   | (0.15)           | -   | (5.62)                       | (357.95)  |
| As at 31 <sup>st</sup> March 2022            | 2,298.32              | 145.42                | 918.67           | 824.26            | 1,185.63         | 342.40  | 251.96          | 14,269.03         | 26.65                | 60.88    | 41.22            | 9,293.92                                  | 2,114.38                     | 31,772.75 |
| Additions                                    | 191.64                | 7.30                  | 43.37            | 271.12            | 222.95           | 34.14   | 88.01           | 488.64            | 2.65                 | 2.29     | 10.60            | 3,003.27                                  | 318.91                       | 4,684.89  |
| Deductions/Disposals                         | (0.14)                | -                     | -                | (5.51)            | (6.33)           | (20.25) | -               | (239.23)          | (0.17)               | (2.98)   | (1.41)           | (115.78)                                  | (0.17)                       | (391.97)  |
| As at 31 <sup>st</sup> March 2023            | 2,489.82              | 152.72                | 962.04           | 1,089.87          | 1,402.25         | 356.29  | 339.97          | 14,518.44         | 29.13                | 60.19    | 50.41            | 12,181.41                                 | 2,433.12                     | 36,065.67 |
| Accumulated Depreciation:                    |                       |                       |                  |                   |                  |         |                 |                   |                      |          |                  |   |                              |           |
| As at 1 <sup>st</sup> April 2021             | 632.23                | 1.06                  | 593.99           | 176.05            | 329.63           | 201.89  | 60.52           | 5,955.06          | 13.91                | 35.10    | 7.60             | 3,523.92                                  | 1,213.14                     | 12,744.10 |
| Adjustments for Restatements                 | -                     | -                     | -                | -                 | -                | -       | -               | (14.88)           | -                    | -        | 14.88            | -   | -                            | -         |
| As at 1 <sup>st</sup> April 2021 (Restated)  | 632.23                | 1.06                  | 593.99           | 176.05            | 329.63           | 201.89  | 60.52           | 5,940.18          | 13.91                | 35.10    | 22.48            | 3,523.92                                  | 1,213.14                     | 12,744.10 |
| Charge for the year (Restated)               | 93.00                 | -                     | 56.90            | 31.95             | 27.70            | 33.36   | 13.40           | 910.46            | 1.80                 | 5.28     | 4.48             | 320.00                                    | 126.91                       | 1,625.23  |
| Deductions/Disposals                         | (0.77)                | -                     | -                | (0.54)            | (0.16)           | (0.03)  | -               | (347.07)          | (0.21)               | (0.93)   | (0.15)           | -   | (5.37)                       | (355.23)  |
| As at 31 <sup>st</sup> March 2022            | 724.46                | 1.06                  | 650.89           | 207.46            | 357.17           | 235.22  | 73.92           | 6,503.57          | 15.50                | 39.45    | 26.81            | 3,843.92                                  | 1,334.68                     | 14,014.10 |
| Charge for the year                          | 107.19                | -                     | 53.74            | 42.93             | 28.05            | 28.22   | 19.44           | 909.59            | 3.04                 | 5.35     | 10.51            | 866.64                                    | 159.91                       | 2,234.61  |
| Deductions/Disposals                         | (0.07)                | -                     | -                | (1.82)            | (9.12)           | (20.69) | -               | (238.08)          | (0.17)               | (2.98)   | (1.37)           | (115.78)                                  | (1.81)                       | (391.89)  |
| As at 31 <sup>st</sup> March 2023            | 831.58                | 1.06                  | 704.63           | 248.57            | 376.10           | 242.75  | 93.36           | 7,175.08          | 18.37                | 41.82    | 35.95            | 4,594.78                                  | 1,492.78                     | 15,856.82 |
| Provision for Diminution in Value of Assets: |                       |                       |                  |                   |                  |         |                 |                   |                      |          |                  |   |                              |           |
| 31 <sup>st</sup> March 2022                  | -                     | -                     | -                | (22.98)           | (3.73)           | (2.89)  | -               | (0.19)            | -                    | -        | -                | (162.70)                                  | (516.61)                     | (709.10)  |
| 31 <sup>st</sup> March 2023                  | -                     | -                     | -                | (43.34)           | (7.28)           | (4.98)  | -               | (0.09)            | -                    | -        | -                | (115.08)                                  | (449.54)                     | (620.31)  |
| <b>Net Carrying Amount:</b>                  |                       |                       |                  |                   |                  |         |                 |                   |                      |          |                  |   |                              |           |
| As at 31 <sup>st</sup> March 2023            | 1,658.24              | 151.66                | 257.42           | 797.96            | 1,018.87         | 108.55  | 246.61          | 7,343.27          | 10.77                | 18.37    | 14.46            | 7,471.55                                  | 490.80                       | 19,588.53 |
| As at 31 <sup>st</sup> March 2022 (Restated) | 1,573.86              | 144.36                | 267.79           | 593.82            | 824.73           | 104.28  | 178.04          | 7,765.27          | 11.16                | 21.43    | 14.41            | 5,287.30                                  | 263.09                       | 17,049.54 |

**NOTE 3: PROPERTY, PLANT AND EQUIPMENT (CONTD...)**

- 3.1 Free hold lands includes Government Assigned lands. The Government assistance in the form of Assigned Lands is recognized in books as Govt Assigned Lands at nominal value.
- 3.2 Title deeds of Immovable Properties of the Company:
- i) All the lands acquired by the Company are for Mining purposes. The lands acquired by the Company under the Land Acquisition Act, 1894 or the Right to Fair Compensation and Transparency in Land Acquisition, Rehabilitation and Resettlement Act, 2013 or Forest Lands acquired under Mining Leases, do not require Title deeds separately as Registration is exempted by the Provisions of the respective Acts. The mutation of the land records in favour of the Company by the concerned LAO's are valid documents. However, the details of lands held by the Company are not updated in the Dharani Portal of Telangana State Government in most of the cases. The Company has initiated action for the updation of the land records in the Dharani Portal and steps are being taken to ensure the reconciliation/ updation of the records at the earliest.
  - ii) Further, the Company is in the process of the reconciliation of Land Records with the Land Assets carried in the Books of Account.
- 3.3 Land measuring Acres:726, Guntas: 21 1/2 (Previous Year Acres 726, Guntas: 21 1/2) shown under Property, Plant and Equipment has not been registered in the name of the Company.
- 3.4 Pending fixation of the market value by the District Collector and finalization of other formalities, Land measuring Acres 5.00 already handed over to Ramagundam Municipality is included in the Land Assets.
- 3.5 During the current year the significant spares for a value of Rs.69.21 Crore have been capitalized as components and depreciation as charged based on the useful lives of spares estimated by the respective Technical Depts and current year depreciation charged on the same is Rs.20.15 Crore (Refer Note No.31A.1).
- 3.6 During the year, interest on borrowings of Rs.0.05 Crore is capitalized under Solar Power plant Assets (Previous Year Rs 4.80 Crore).
- 3.7 The value of buildings include an amount of Rs.28.31 Crore being the building cess capitalised during the year.
- 3.8 The Company has not revalued the Property, Plant and Equipment during the current and previous year.
- 3.9 There are no acquisitions through Business combination or disposals through demergers during the Current Year and Previous Year.
- 3.10 No proceedings have been initiated on or are pending against the Company for holding Benami Property under the Prohibition of Benami Property Transactions Act, 1988 (as amended in 2016) [formerly the Benami Transactions (Prohibition) Act, 1988 (45 of 1988)] and Rules made there under.



Notes to the Standalone financial statements for the year ended 31<sup>st</sup> March, 2023 (Contd...)

#### NOTE 4: CAPITAL WORK-IN-PROGRESS:

(Rs. in Crore)

| Particulars  | Lands         | Buildings     | Plant & Equipment | Development   | Total           |
|--|---------------|---------------|-------------------|---------------|-----------------|
| <b>Gross Carrying Amount:</b>                              |               |               |                   |               |                 |
| <b>As at 1<sup>st</sup> April 2021 (Gross)</b>             | <b>4.19</b>   | <b>141.03</b> | <b>907.31</b>     | <b>495.23</b> | <b>1,547.76</b> |
| Impairment provision as on 1.4.2021                        |               |               | (2.07)            | (9.70)        | (11.77)         |
| <b>As at 1<sup>st</sup> April 2021 (Net of Impairment)</b> | <b>4.19</b>   | <b>141.03</b> | <b>905.24</b>     | <b>485.53</b> | <b>1,535.99</b> |
| Additions ( Restated)                                      | 366.30        | 293.56        | 492.43            | 3,633.21      | 4,785.50        |
| Capitalized / Deletions                                    | (360.03)      | (173.23)      | (704.43)          | (3627.03)     | (4864.72)       |
| <b>Total</b>   | <b>10.46</b>  | <b>261.36</b> | <b>693.24</b>     | <b>491.71</b> | <b>1,456.77</b> |
| <b>Impairment Adjustments:</b>                             |               |               |                   |               |                 |
| Provision made during the year                             | -             | (5.02)        | (6.77)            | (97.13)       | (108.92)        |
| Transfer of Provision to Assets                            | -             | -             | -                 | 2.63          | 2.63            |
| <b>As at 31<sup>st</sup> March 2022</b>                    | <b>10.46</b>  | <b>256.34</b> | <b>686.47</b>     | <b>397.21</b> | <b>1,350.48</b> |
| Additions  | 350.00        | 335.34        | 304.86            | 3,299.38      | 4,289.58        |
| Capitalized / Deletions                                    | (242.31)      | (528.21)      | (592.19)          | (3385.32)     | (4748.03)       |
| <b>As at 31<sup>st</sup> March 2023</b>                    | <b>118.15</b> | <b>63.47</b>  | <b>399.14</b>     | <b>311.27</b> | <b>892.03</b>   |
| <b>Impairment Adjustments:</b>                             |               |               |                   |               |                 |
| Impairment Provision made for the year                     | -             | -             | -                 | (1.35)        | (1.35)          |
| Withdrawal of Provision                                    | -             | -             | -                 | 57.72         | 57.72           |
| Transfer of Provision to PPE                               | -             | -             | -                 | 3.83          | 3.83            |
| <b>As at 31<sup>st</sup> March 2023</b>                    | <b>118.15</b> | <b>63.47</b>  | <b>399.14</b>     | <b>251.07</b> | <b>831.83</b>   |

4.1 CWIP includes interest on borrowings from SBI for Solar power plants Rs. 0.03 Crore (Previous Year: Rs.0.01 Crore).

4.2 Out of the proceeds of VGF Grant of Rs.27.37 Crore received against the III Phase of Solar Power Plants, an amount of Rs.12.28 Crore (PY Rs.10.87 Crore) is reduced /adjusted from the related Capital Expenditure incurred at these Plants upto the Reporting Date (Refer Note No.24.2 and Note No.39.5.2A.4).

#### 4.3 CAPITAL WORK-IN-PROGRESS AGEING SCHEDULE:

a) As at 31.03.2023:

(Rs. in Crore)

| Particulars                 | Amount in capital work-in-progress for a period of |               |              |                   |               |
|-----------------------------|--|---------------|--------------|-------------------|---------------|
|                             | Less than 1 year                                   | 1-2 Years     | 2-3 Years    | More than 3 years | Total         |
| Projects in Progress        |  |               |              |                   |               |
| Buildings                   | 51.86  | 8.93          | 0.19         | 2.48              | 63.46         |
| Lands                       | 104.46   | 11.31         | 0.44         | 1.94              | 118.15        |
| Other Mining Infrastructure | 99.22  | 100.09        | 41.87        | 67.77             | 308.95        |
| Plant and Equipment         | 311.38   | 44.29         | 20.47        | 23.00             | 399.14        |
| <b>Total</b>                | <b>566.92</b>                                      | <b>164.62</b> | <b>62.97</b> | <b>95.19</b>      | <b>889.70</b> |



Notes to the Standalone financial statements for the year ended 31<sup>st</sup> March, 2023 (Contd...)

(Rs. in Crore)

| Particulars   | Amount in capital work-in-progress for a period of |               |              |                   |               |
|---|--|---------------|--------------|-------------------|---------------|
|   | Less than 1 year                                   | 1-2 Years     | 2-3 Years    | More than 3 years | Total         |
| <b>Less: Impairment Provision made on:</b>  |  |               |              |                   |               |
| <b>Assets at Loss incurring UG Mines</b>  |  |               |              |                   |               |
| Other Mining Infrastructure   | 0.44   | 0.44          | 1.55         | 4.36              | 6.79          |
| <b>Assets at permanently suspended projects:</b>                                  |  |               |              |                   |               |
| Buildings   |  |               |              | 1.89              | 1.89          |
| Lands   | 0.03   | 0.05          | -            | -                 | 0.08          |
| Other Mining Infrastructure ( including New Patrapara and Penagadapa Coal Blocks) | 1.77   | 17.34         | 15.49        | 11.69             | 46.29         |
| Plant and Equipment   |  | 0.01          |              | 2.81              | 2.82          |
| <b>Sub Total</b>  | <b>2.24</b>  | <b>17.84</b>  | <b>17.04</b> | <b>20.75</b>      | <b>57.87</b>  |
| <b>Value of CWIP - Projects in Progress</b>                                       | <b>564.68</b>                                      | <b>146.78</b> | <b>45.93</b> | <b>74.44</b>      | <b>831.83</b> |
| Projects temporarily suspended  | -  | -             | -            | -                 | -             |
| <b>Total</b>  | <b>564.68</b>                                      | <b>146.78</b> | <b>45.93</b> | <b>74.44</b>      | <b>831.83</b> |

b) As at 31.03.2022:

(Rs. in Crore)

| Particulars   | Amount in capital work-in-progress for a period of |               |               |                   |                 |
|---|--|---------------|---------------|-------------------|-----------------|
|   | Less than 1 year                                   | 1-2 Years     | 2-3 Years     | More than 3 years | Total           |
| <b>Projects in Progress</b>   |  |               |               |                   |                 |
| Buildings   | 196.68   | 43.85         | 13.30         | 7.54              | 261.37          |
| Lands   | 6.42   | 2.49          | 0.37          | 1.17              | 10.45           |
| Other Mining Infrastructure   | 233.42   | 132.38        | 58.04         | 77.57             | 501.41          |
| Plant and Equipment   | 316.13   | 280.29        | 88.50         | 10.38             | 695.30          |
| <b>Total</b>  | <b>752.65</b>                                      | <b>459.01</b> | <b>160.21</b> | <b>96.66</b>      | <b>1,468.53</b> |
| <b>Less: Impairment Provision made on:</b>  |  |               |               |                   |                 |
| <b>Assets at Loss incurring UG Mines</b>  |  |               |               |                   |                 |
| Buildings   | 0.74   | 0.95          |               |                   | 1.69            |
| Plant and Equipment   | 0.64   | 0.30          | 2.95          |                   | 3.89            |
| Other Mining Infrastructure   | 0.96   | 1.88          | 2.54          | 2.05              | 7.43            |
| <b>Assets at permanently suspended projects</b>                                   |  |               |               |                   |                 |
| Buildings   |  |               | 0.23          | 3.10              | 3.33            |
| Plant and Equipment   | 0.01   | 0.72          |               | 0.13              | 0.86            |
| Other Mining Infrastructure ( including New Patrapara and Penagadapa Coal Blocks) | 18.40  | 14.79         | 39.43         | 28.23             | 100.85          |
| <b>Sub Total</b>  | <b>20.75</b>                                       | <b>18.64</b>  | <b>45.15</b>  | <b>33.51</b>      | <b>118.05</b>   |
| Value of CWIP - Projects in Progress  | 731.90   | 440.37        | 115.06        | 63.15             | 1,350.48        |
| Projects temporarily suspended  | -  | -             | -             | -                 | -               |
| <b>Total</b>  | <b>731.90</b>                                      | <b>440.37</b> | <b>115.06</b> | <b>63.15</b>      | <b>1,350.48</b> |



Notes to the Standalone financial statements for the year ended 31<sup>st</sup> March, 2023 (Contd...)

#### 4.4 Capital work-in-progress, for which completion is overdue compared to its original plan:

a) As at 31.03.2023:

(Rs. in Crore)

| Particulars                                   | To be completed in |           |           |                   | Total        |
|---|--------------------|-----------|-----------|-------------------|--------------|
|   | Less than 1 year   | 1-2 Years | 2-3 Years | More than 3 years |              |
| <b>Projects in Progress</b>                   |                    |           |           |                   |              |
| <b>Buildings</b>                              |                    |           |           |                   |              |
| Cons.of Pavilion Bldg at Prakasam Stadium     | 0.48               | -         | -         | -                 | 0.48         |
| Improvement of p/line@shirke qtrs, 8 Inc      | 0.24               | -         | -         | -                 | 0.24         |
| Providing common utilities at MD Qtrs BHP     | 2.06               | -         | -         | -                 | 2.06         |
| Asphalt road from IK 1A Inc. to south bunker  | 0.31               | -         | -         | -                 | 0.31         |
| Cons of 490 Nos MC type Qtrs STPP JAIPUR      | 0.50               | -         | -         | -                 | 0.50         |
| Construction 3 Sheds in W/S 3 Incl KGM        | 1.94               | -         | -         | -                 | 1.94         |
| Cons.Filter Bed 8x1.00 Gal @Gouthampur        | 3.47               | -         | -         | -                 | 3.47         |
| Construction of Rest Shelter, MNG OC II       | 0.34               | -         | -         | -                 | 0.34         |
| Dozer Repair shed, MNG OC II Extn. Proj.      | 0.52               | -         | -         | -                 | 0.52         |
| Lay. of WBM Road from Narsapur to Bejjar      | 0.20               | -         | -         | -                 | 0.20         |
| Const. 2Bay Dumper Maintenance Shed, BPA      | 0.54               | -         | -         | -                 | 0.54         |
| Site Office, MNG OCII Extn.Proj               | 1.09               | -         | -         | -                 | 1.09         |
| Const. of indoor substation at KCHP, MNG      | 0.12               | -         | -         | -                 | 0.12         |
| Const./Stores shed, offices RG-II OC III Extn | 0.12               | -         | -         | -                 | 0.12         |
| Cons.Dumper maint.shed&other RG-II OC III     | 8.50               | -         | -         | -                 | 8.50         |
| Tradesmen rooms, Canteen SRP OC-II EXP        | 0.45               | -         | -         | -                 | 0.45         |
| <b>Sub-Total (A)</b>                          | <b>20.87</b>       | <b>-</b>  | <b>-</b>  | <b>-</b>          | <b>20.87</b> |
| <b>Plant and Equipment</b>                    |                    |           |           |                   |              |
| Prov.Chain linkmesh to Dismantled BC qtrs     | 0.76               | -         | -         | -                 | 0.76         |
| <b>Sub-Total (B)</b>                          | <b>0.76</b>        |           |           |                   | <b>0.76</b>  |
| <b>Railway Siding</b>                         |                    |           |           |                   |              |
| Installn of W/Brdg at GSOG siding.            | 0.28               | -         | -         | -                 | 0.28         |
| <b>Sub-Total (C)</b>                          | <b>0.28</b>        |           |           |                   | <b>0.28</b>  |
| <b>Other Mining Infrastructure</b>            |                    |           |           |                   |              |
| Installation of 1 Online CAAQM Station        | 0.37               | -         | -         | -                 | 0.37         |
| Drink water pipe line, MNG OC II Extn.Pr      | 2.21               | -         | -         | -                 | 2.21         |
| fencing around vacant lands at BHP area       | 0.20               | -         | -         | -                 | 0.20         |
| Diversion of approach road IK OC              | 0.39               | -         | -         | -                 | 0.39         |
| Div.of existing BT road to IK1A incl. CD      | 4.06               | -         | -         | -                 | 4.06         |
| Road Under bridge @IKOC (Revised Plan)        | 25.49              | -         | -         | -                 | 25.49        |
| Widening the road & culverts on the Bund      | 2.75               | -         | -         | -                 | 2.75         |
| <b>Sub-Total (D)</b>                          | <b>35.49</b>       | <b>-</b>  | <b>-</b>  | <b>-</b>          | <b>35.49</b> |
| <b>Total (A+B+C+D)</b>                        | <b>57.41</b>       | <b>-</b>  | <b>-</b>  | <b>-</b>          | <b>57.41</b> |

**Note:** In respect of Assets / Projects forming part of CWIP and which have become overdue when compared to their original plan, the disclosures have been given in respect of Assets / Projects exceeding the value of Rs.10 Lakhs each.

Notes to the Standalone financial statements for the year ended 31<sup>st</sup> March, 2023 (Contd...)

## b) As at 31.03.2022:

(Rs. in Crore)

| Particulars  | To be completed in |           |           |                   | Total         |
|--|--------------------|-----------|-----------|-------------------|---------------|
|  | Less than 1 year   | 1-2 Years | 2-3 Years | More than 3 years |               |
| <b>Projects in Progress</b>                          |                    |           |           |                   |               |
| <b>Buildings</b>                                     |                    |           |           |                   |               |
| Foundations for FB/Crusher etc. Kistaram OC          | 0.52               | -         | -         | -                 | 0.52          |
| Const. of ELSR at Hillock filter bed, MNG            | 1.83               | -         | -         | -                 | 1.83          |
| Const. of G.L Bunker at CSP, Manuguru                | 12.16              | -         | -         | -                 | 12.16         |
| Const./Stores shed, offices, RG OC.3                 | 2.94               | -         | -         | -                 | 2.94          |
| Const. of 50000 Gal. Filter Bed, RG OC.3             | 0.25               | -         | -         | -                 | 0.25          |
| Const. of Sheds for Oil&Lubricants, RG OC.3          | 0.20               | -         | -         | -                 | 0.20          |
| Constn of 994 Nos MD quarters, BHPL                  | 145.24             | -         | -         | -                 | 145.24        |
| Lay. of WBM Road from Narsapur to Bejjar             | 0.20               | -         | -         | -                 | 0.20          |
| Const. 2Bay Dumper Maintenance Shed, BPA             | 0.54               | -         | -         | -                 | 0.54          |
| Constn of GLSR 4.75L Gallons at Naspur               | 1.07               | -         | -         | -                 | 1.07          |
| BT road from Site office at SRP OC                   | 0.88               | -         | -         | -                 | 0.88          |
| Const./Dumper maint.shed, RG3 OC                     | 3.48               | -         | -         | -                 | 3.48          |
| Con of Project Office at Kistaram OC                 | 0.32               | -         | -         | -                 | 0.32          |
| Const. of 2 <sup>nd</sup> row of water dams, RG OC.I | 4.46               | -         | -         | -                 | 4.46          |
| Site Office at Kistaram OC                           | 0.08               | -         | -         | -                 | 0.08          |
| <b>Sub-Total (A)</b>                                 | <b>174.17</b>      |           |           |                   | <b>174.17</b> |
| <b>Plant and Equipment</b>                           |                    |           |           |                   |               |
| Const.&Commissioning of CHP, JVR OC.2                | 404.83             | -         | -         | -                 | 404.83        |
| Drivage of 910 Mtrs long tunnel, PVK.5 Inc           | 6.36               | -         | -         | -                 | 6.36          |
| Installation of in-motion 120T WB, RG.I              | 0.28               | -         | -         | -                 | 0.28          |
| 23MW Solar Plant at KGM                              | 2.38               | -         | -         | -                 | 2.38          |
| <b>Sub-Total (B)</b>                                 | <b>413.85</b>      |           |           |                   | <b>413.85</b> |
| <b>Roads</b>   |                    |           |           |                   |               |
| Approach road to project - Kistaram OC               | 3.03               | -         | -         | -                 | 3.03          |
| <b>Sub-Total (C)</b>                                 | <b>3.03</b>        |           |           |                   | <b>3.03</b>   |
| <b>Railway Siding</b>                                |                    |           |           |                   |               |
| Private Siding at JVROC                              | 33.67              | -         | -         | -                 | 33.67         |
| <b>Sub-Total (D)</b>                                 | <b>33.67</b>       |           |           |                   | <b>33.67</b>  |
| <b>Other Mining Infrastructure</b>                   |                    |           |           |                   |               |
| Development of 2 Nos R&R Centres, RG.2               | 1.15               | -         | -         | -                 | 1.15          |
| Const./retai.wall&f.beds/2x500FB, RG OC3             | 0.93               | -         | -         | -                 | 0.93          |
| Constn of ETP at CHP OCP-I, RG.3                     | 0.15               | -         | -         | -                 | 0.15          |
| <b>Sub-Total (E)</b>                                 | <b>2.23</b>        |           |           |                   | <b>2.23</b>   |
| <b>Total (A+B+C+D+E)</b>                             | <b>626.95</b>      | -         | -         | -                 | <b>626.95</b> |

**Note:** In respect of Assets / Projects forming part of CWIP and which have become overdue when compared to their original plan, the disclosures have been given in respect of Assets / Projects exceeding the value of Rs.10 Lakhs each.



Notes to the Standalone financial statements for the year ended 31<sup>st</sup> March, 2023 (Contd...)

#### 4.5 CAPITAL WORK-IN-PROGRESS - COST OVERRUN PROJECTS:

a) As at 31.03.2023:

(Rs. in Crore)

| Particulars   | Original Cost | Latest Revised Cost | Actual Cost incurred upto 31.03.2023 |
|---|---------------|---------------------|--------------------------------------|
| Diversion of approach road IK OC & Div.of existing BT road to IK1A incl. CD | 4.23          | 5.29                | 4.46                                 |
| <b>Total</b>  | <b>4.23</b>   | <b>5.29</b>         | <b>4.46</b>                          |

b) As at 31.03.2022:

(Rs. in Crore)

| Particulars                         | Original Cost | Latest Revised Cost | Actual Cost incurred upto 31.03.2022 |
|-------------------------------------|---------------|---------------------|--------------------------------------|
| Fan House                           | 0.50          | 1.85                | 1.54                                 |
| Construction of Hauler Shed at IK1A | 0.15          | 0.30                | 0.28                                 |
| <b>Total</b>                        | <b>0.65</b>   | <b>2.15</b>         | <b>1.82</b>                          |

**Note:** In respect of Assets / Projects forming part of CWIP and for which incurred costs have exceeded when compared to their original plan, the disclosures have been given in respect of Assets / Projects exceeding the value of Rs.10 Lakhs each.

#### NOTE 5A: INVESTMENT PROPERTIES

(Rs. in Crore)

| Particulars                             | Lands       | Buildings    | Total        |
|---|-------------|--------------|--------------|
| <b>Gross Carrying Amount</b>            |             |              |              |
| <b>As at 1<sup>st</sup> April 2021</b>  | <b>0.05</b> | <b>1.48</b>  | <b>1.53</b>  |
| Additions                               | -           | -            | -            |
| Adjustments/ Deletions                  | -           | -            | -            |
| <b>As at 1<sup>st</sup> April 2022</b>  | <b>0.05</b> | <b>1.48</b>  | <b>1.53</b>  |
| Additions                               | -           | 29.97        | 29.97        |
| Adjustments/ Deletions                  | -           | -            | -            |
| <b>As at 31<sup>st</sup> March 2023</b> | <b>0.05</b> | <b>31.45</b> | <b>31.50</b> |
| Accumulated Depreciation:               |             |              |              |
| <b>As at 1<sup>st</sup> April 2021</b>  | -           | <b>0.47</b>  | <b>0.47</b>  |
| Depreciation Charge for year 2021-22    | -           | 0.02         | 0.02         |
| <b>As at 1<sup>st</sup> April 2022</b>  | -           | <b>0.49</b>  | <b>0.49</b>  |
| Adjustments/ Deletions                  | -           | 3.77         | 3.77         |
| Depreciation Charge for year 2022-23    | -           | 1.04         | 1.04         |
| <b>As at 31<sup>st</sup> March 2023</b> | -           | <b>5.30</b>  | <b>5.30</b>  |
| <b>Net Carrying Amount:</b>             |             |              |              |
| <b>As at 31<sup>st</sup> March 2023</b> | <b>0.05</b> | <b>26.15</b> | <b>26.20</b> |
| <b>As at 31<sup>st</sup> March 2022</b> | <b>0.05</b> | <b>0.99</b>  | <b>1.04</b>  |

Notes to the Standalone financial statements for the year ended 31<sup>st</sup> March, 2023 (Contd...)**5A.1 Information regarding Income and Expenditure of Investment Properties:**

(Rs. in Crore)

| Particulars  | As at<br>31.03.2023 | As at<br>31.03.2022 |
|--|---------------------|---------------------|
| Rental income derived from investment properties                                       | 2.46                | 1.02                |
| Direct operating expenses (including repairs and maintenance) generating rental income | 0.10                | 0.06                |
| <b>Income from investment properties before depreciation</b>                           | <b>2.36</b>         | <b>0.96</b>         |
| Less - Depreciation  | 1.04                | 0.02                |
| <b>Income from investment properties</b>   | <b>1.32</b>         | <b>0.94</b>         |

5A.2 The Fair Value of the above Investment Properties as on 31.03.2023 is Rs.32.86 Crore (Previous Year Rs.7.67 Crore). The Buildings / Land classified as Investment Property have been constructed/ acquired for mining operations and let out to the contractors/firms for furtherance of Mining business. Since these properties are located at remote mining areas, it is not practicable to arrive at Market Value. Hence, the Municipal valuation adopted for levy of Property Tax / carrying value, as the case may be, is considered as Fair Value in respect of Buildings and the Market Value of Lands as per the Sub-Registrar Records is considered as Fair Value in respect of Lands.

5A.3 Undiscounted lease payments to be received on an annual basis for a minimum of each of the first five years and for the remaining years (Disclosures in the books of Lessor as per Ind AS 116):

(Rs. in Crore)

| Term                                | As at<br>31.03.2023 | As at<br>31.03.2022 |
|-------------------------------------|---------------------|---------------------|
| Less than one year                  | 2.45                | 0.92                |
| Between one and two years           | 2.47                | 0.92                |
| Between two and three years         | 2.40                | 0.90                |
| Between three and four years        | 2.33                | 0.81                |
| Between four and five years         | 2.33                | 0.81                |
| Beyond five years                   | 1.54                | -                   |
| <b>Total minimum lease payments</b> | <b>13.52</b>        | <b>4.36</b>         |

5A.4 The Company has not revalued the Investment Property during the current and the previous years.

**NOTE 5B: RIGHT OF USE ASSETS (LEASE)**

(Rs. in Crore)

| Particulars                             | HEMM         | Plant and Equipment | Vehicles    | Total        |
|---|--------------|---------------------|-------------|--------------|
| <b>Gross Carrying Amount:</b>           |              |                     |             |              |
| <b>As at 1<sup>st</sup> April 2021</b>  | <b>5.71</b>  | <b>30.84</b>        | <b>1.12</b> | <b>37.67</b> |
| Additions                               | 2.35         | 9.11                | 0.64        | 12.10        |
| Adjustments/ Deletions                  | 0.30         | 3.66                | -           | 3.96         |
| <b>As at 1<sup>st</sup> April 2022</b>  | <b>8.36</b>  | <b>43.61</b>        | <b>1.76</b> | <b>53.73</b> |
| Additions                               | 7.23         | 6.98                | 1.00        | 15.21        |
| Adjustments                             | 0.13         | -                   | -           | 0.13         |
| Deletions                               | (4.72)       | (23.15)             | (1.12)      | (28.99)      |
| <b>As at 31<sup>st</sup> March 2023</b> | <b>11.00</b> | <b>27.44</b>        | <b>1.64</b> | <b>40.08</b> |



Notes to the Standalone financial statements for the year ended 31<sup>st</sup> March, 2023 (Contd...)

| Particulars                             | HEMM        | Plant and Equipment | Vehicles    | Total        |
|---|-------------|---------------------|-------------|--------------|
| <b>Accumulated Depreciation:</b>        |             |                     |             |              |
| <b>As at 1<sup>st</sup> April 2021</b>  | <b>2.61</b> | <b>19.12</b>        | <b>1.12</b> | <b>22.85</b> |
| Depreciation Charge for year 2021-22    | 2.60        | 12.19               | 0.11        | 14.90        |
| <b>As at 1<sup>st</sup> April 2022</b>  | <b>5.21</b> | <b>31.31</b>        | <b>1.23</b> | <b>37.75</b> |
| Depreciation Charge for year 2022-23    | 4.25        | 11.10               | 0.74        | 16.09        |
| Adjustments/ Deletions                  | (4.72)      | (23.15)             | (1.12)      | (28.99)      |
| <b>As at 31<sup>st</sup> March 2023</b> | <b>4.74</b> | <b>19.26</b>        | <b>0.85</b> | <b>24.85</b> |
| <b>Net Carrying Amount:</b>             |             |                     |             |              |
| <b>As at 31<sup>st</sup> March 2023</b> | <b>6.26</b> | <b>8.18</b>         | <b>0.79</b> | <b>15.23</b> |
| <b>As at 31<sup>st</sup> March 2022</b> | <b>3.15</b> | <b>12.30</b>        | <b>0.53</b> | <b>15.98</b> |

5B.1 The additions to ROU Assets (Lease) for the year 2022-23 includes increase of Rs.0.13 Crore in the Lease Liability and ROU Assets on account of remeasurement of Lease Liabilities owing to lease modifications (Previous Year Rs.3.96 Crore). Further, the deletions in FY 2022-23 represents the write off of the original value and accumulated depreciation in respect of expired lease liabilities.

## NOTE 5C: INTANGIBLE ASSETS

(Rs. in Crore)

| Particulars                                    | Enabling Assets | ERP-Software | Total         |
|--|-----------------|--------------|---------------|
| <b>Gross Carrying Amount:</b>                  |                 |              |               |
| <b>As at 1<sup>st</sup> April 2021</b>         | -               | <b>21.36</b> | <b>21.36</b>  |
| Additions during the year 2021-22              | -               | 0.03         | 0.03          |
| Adjustments/ Deletions                         | -               | -            | -             |
| <b>As at 1<sup>st</sup> April 2022</b>         | -               | <b>21.39</b> | <b>21.39</b>  |
| Additions during the year 2022-23              | 408.73          | -            | 408.73        |
| Adjustments/ Deletions                         | -               | -            | -             |
| <b>As at 31<sup>st</sup> March 2023</b>        | <b>408.73</b>   | <b>21.39</b> | <b>430.12</b> |
| <b>Accumulated Amortization/ Depreciation:</b> |                 |              |               |
| <b>As at 1st April 2021</b>                    | -               | <b>20.56</b> | <b>20.56</b>  |
| Depreciation Charge for year 2021-22           | -               | 0.42         | 0.42          |
| Adjustments/(Deletions)                        | -               | -            | -             |
| <b>As at 1<sup>st</sup> April 2022</b>         | -               | <b>20.98</b> | <b>20.98</b>  |
| Depreciation Charge for year 2022-23           | 27.56           | 0.23         | 27.79         |
| Adjustments/(Deletions)                        | -               | -            | -             |
| <b>As at 31<sup>st</sup> March 2023</b>        | <b>27.56</b>    | <b>21.21</b> | <b>48.77</b>  |
| <b>Net Carrying Amount:</b>                    |                 |              |               |
| <b>As at 31<sup>st</sup> March 2023</b>        | <b>381.17</b>   | <b>0.18</b>  | <b>381.35</b> |
| <b>As at 31<sup>st</sup> March 2022</b>        | -               | <b>0.41</b>  | <b>0.41</b>   |

5C.1 The additions to Enabling Assets presented above represents Railway Siding from BDCR to Sathupalli for an amount of Rs.364.17 Crore (Net off CCDAC Grant of Rs.188.83 Crore), Road Over Bridge on Khammam - Devarapalli Road, near Sathupalli for an amount of Rs.44.56 Crore which were commissioned during the year.

5C.2 The Company has not revalued the Intangible Assets during the current and the previous years.

Notes to the Standalone financial statements for the year ended 31<sup>st</sup> March, 2023 (Contd...)**NOTE 5D: INTANGIBLE ASSETS UNDER DEVELOPMENT (ENABLING ASSETS)**

(Rs. in Crore)

| Particulars                             | Railway Siding from STPL to KGM | Bridge at IKOC | Road Over-bridge (KMM-DVPL) | Total         |
|---|---------------------------------|----------------|-----------------------------|---------------|
| <b>Gross Carrying Amount:</b>           |                                 |                |                             |               |
| <b>As at 1<sup>st</sup> April 2021</b>  | <b>355.61</b>                   | <b>11.50</b>   | <b>-</b>                    | <b>367.11</b> |
| Additions                               | 190.65                          | 10.47          | 29.93                       | 231.05        |
| Capitalized / Deletions                 | -                               | -              | -                           | -             |
| <b>As at 1<sup>st</sup> April 2022</b>  | <b>546.26</b>                   | <b>21.97</b>   | <b>29.93</b>                | <b>598.16</b> |
| Additions                               | 6.74                            | 3.53           | 14.63                       | 24.90         |
| Adjustment of Grants                    | (188.83)                        | .              | .                           | (188.83)      |
| Capitalized / Deletions                 | (364.17)                        | .              | (44.56)                     | (408.73)      |
| <b>As at 31<sup>st</sup> March 2023</b> | <b>-</b>                        | <b>25.50</b>   | <b>-</b>                    | <b>25.50</b>  |

**5D.1: Intangible Assets - Under Development (Enabling Assets) - Ageing Schedule****a) As at 31.03.2023:**

(Rs. in Crore)

| Particulars                 | Amount in capital work-in-progress for a period of |              |             |                   | Total        |
|-----------------------------|--|--------------|-------------|-------------------|--------------|
|                             | Less than 1 year                                   | 1-2 Years    | 2-3 Years   | More than 3 years |              |
| <b>Projects in Progress</b> |  |              |             |                   |              |
| Bridge at IKOC              | 3.53   | 10.47        | 0.22        | 11.28             | 25.50        |
| <b>Total</b>                | <b>3.53</b>  | <b>10.47</b> | <b>0.22</b> | <b>11.28</b>      | <b>25.50</b> |

**b) As at 31.03.2022:**

(Rs. in Crore)

| Particulars                           | Amount in capital work-in-progress for a period of |               |               |                   | Total         |
|---------------------------------------|--|---------------|---------------|-------------------|---------------|
|                                       | Less than 1 year                                   | 1-2 Years     | 2-3 Years     | More than 3 years |               |
| <b>Projects in Progress</b>           |  |               |               |                   |               |
| Railway Siding from Sattupalli to KGM | 190.66   | 147.53        | 165.21        | 42.86             | 546.26        |
| Bridge at IKOC                        | 10.47  | 0.22          | 11.28         | -                 | 21.97         |
| ROB at KM 76/4 of KMM-Devarapal       | 29.93  | -             | -             | -                 | 29.93         |
| <b>Total</b>                          | <b>231.06</b>                                      | <b>147.75</b> | <b>176.49</b> | <b>42.86</b>      | <b>598.16</b> |



Notes to the Standalone financial statements for the year ended 31<sup>st</sup> March, 2023 (Contd...)

**5D.2: Intangible Assets - Under Development (Enabling Assets) completion of which overdue compared to its Original Plan:**

a) As at 31.03.2023:

(Rs. in Crore)

| Particulars                 | To be completed in |           |           |                   | Total        |
|-----------------------------|--------------------|-----------|-----------|-------------------|--------------|
|                             | Less than 1 year   | 1-2 Years | 2-3 Years | More than 3 years |              |
| <b>Projects in progress</b> |                    |           |           |                   |              |
| Bridge at IKOC              | 25.50              | -         | -         | -                 | 25.50        |
| <b>Total</b>                | <b>25.50</b>       | <b>-</b>  | <b>-</b>  | <b>-</b>          | <b>25.50</b> |

b) As at 31.03.2022:

(Rs. in Crore)

| Particulars                           | To be completed in |           |           |                   | Total         |
|---------------------------------------|--------------------|-----------|-----------|-------------------|---------------|
|                                       | Less than 1 year   | 1-2 Years | 2-3 Years | More than 3 years |               |
| <b>Projects in progress</b>           |                    |           |           |                   |               |
| Railway Siding from Sattupalli to KGM | 546.26             | -         | -         | -                 | 546.26        |
| <b>Total</b>                          | <b>546.26</b>      | <b>-</b>  | <b>-</b>  | <b>-</b>          | <b>546.26</b> |

**5D.3: Intangible Assets Under Development (Enabling Assets)-Cost Overrun Projects**

a) As at 31.03.2023:

(Rs. in Crore)

| Particulars                    | Original Cost | Latest Revised Cost | Actual Cost incurred upto 31.03.2023 |
|--------------------------------|---------------|---------------------|--------------------------------------|
| <b>Projects in progress</b>    | -             | -                   | -                                    |
| Projects temporarily suspended | -             | -                   | -                                    |
| <b>Total</b>                   | <b>-</b>      | <b>-</b>            | <b>-</b>                             |

b) As at 31.03.2022:

(Rs. in Crore)

| Particulars                    | Original Cost | Latest Revised Cost | Actual Cost incurred upto 31.03.2022 |
|--------------------------------|---------------|---------------------|--------------------------------------|
| <b>Projects in progress</b>    | -             | -                   | -                                    |
| Projects temporarily suspended | -             | -                   | -                                    |
| <b>Total</b>                   | <b>-</b>      | <b>-</b>            | <b>-</b>                             |



Notes to the Standalone financial statements for the year ended 31<sup>st</sup> March, 2023 (Contd...)**NOTE 6: INVESTMENTS**

(Rs. in Crore)

| Particulars |  | As at 31.03.2023 |                 | As at 31.03.2022 |                 |
|-------------|--|------------------|-----------------|------------------|-----------------|
| <b>1</b>    | <b>Non-Current:</b>  |                  |                 |                  |                 |
| <b>(A)</b>  | <b>Investment in Equity instruments Unquoted, fully paid-up Shares (At Amortized Cost)</b>                                 |                  |                 |                  |                 |
|             | 14,750 Laxmi Porcelains Ltd of Rs.10/- each  | 0.01             |                 | 0.01             |                 |
|             | Less: Provision for Diminution in the value of Investments   | (0.01)           | -               | (0.01)           | -               |
|             | <b>Investments in Co-operative Societies (At Amortized Cost)</b>   |                  |                 |                  |                 |
|             | 1,86,214 Singareni Collieries Co-operative Central Stores Ltd of Rs.10/- each  |                  | 0.19            |                  | 0.19            |
|             | <b>Investment in Joint Venture (At Amortized Cost)</b>   |                  |                 |                  |                 |
|             | 4,900 shares of APMDC-SCCL Suliyari Coal Co. Ltd. of Rs.10/- each(Rs.49,000)   | -                |                 | -                |                 |
|             | Less: Provision for Diminution in the value of Investments in JV ( Rs.49,000)  | -                | -               | -                | -               |
|             | <b>Investment in Subsidiary (At Amortized Cost)</b>  |                  |                 |                  |                 |
|             | 91,80,000 shares in Andhra Pradesh Heavy Machinery & Engineering Limited of Rs.10/- each                                   | 9.18             |                 | 9.18             |                 |
|             | 49,02,700 shares of Andhra Pradesh Heavy Machinery & Engineering Limited of Rs.10/- each for total consideration of Rs.1/- | -                | 9.18            | -                | 9.18            |
| <b>(B)</b>  | <b>Investments in Bonds - Unquoted, fully paid-up (At Amortized Cost)</b>  |                  |                 |                  |                 |
|             | (i) 8,000 - 9.95% TSSPDCL Power Bonds (Series-1/2014) of Rs.10 Lakh each)  | 800.00           |                 | 800.00           |                 |
|             | (ii) Canara Bank (AT1 - 8.30%) Bonds 2020-21 Series 1 (10,000 units of Rs.10.00 lakhs each)                                | 1,000.00         | 1,800.00        | 1,000.00         | 1,800.00        |
|             | <b>Total</b>   |                  | <b>1,809.37</b> |                  | <b>1,809.37</b> |
| <b>2</b>    | <b>Current:</b>  |                  |                 |                  |                 |
| <b>(A)</b>  | <b>Investments in Bonds - Unquoted, fully paid-up (At Amortized Cost)</b>  |                  |                 |                  |                 |
|             | 2,000 - 9.75% APPFC Power Bonds (Series 2/2012) of Rs.10 Lakh each.  |                  | -               |                  | 1,000.00        |
| <b>(B)</b>  | <b>Investment in Mutual Funds - Unquoted - (At FVTPL)</b>  |                  |                 |                  |                 |
|             | Investment in Baroda Liquid Fund (19,27,396.216 units @ Rs.2,595.4687 NAV/unit)  |                  | 500.25          |                  | -               |
|             | <b>Total</b>   |                  | <b>500.25</b>   |                  | <b>1,000.00</b> |



*Notes to the Standalone financial statements for the year ended 31<sup>st</sup> March, 2023 (Contd...)*

| Particulars                                   | As at 31.03.2023 | As at 31.03.2022 |
|---|------------------|------------------|
| Aggregate of Quoted investments               | -                | -                |
| Aggregate of Unquoted investments             | 2,309.64         | 2,809.39         |
| Aggregate of Diminution in value provided for | 0.02             | 0.02             |

- 6.1 3527 Nos. of TSSPDCL bonds (Series 1/2014) of Rs.10.00 Lakh each have been pledged as security for obtaining Bank Guarantee of Rs.176.32 Crore for Naini Coal Block. The Bank Guarantee is valid upto 12.10.2023.
- 6.2 750 Nos of TSSPDCL Bonds (Series-1/2014) were pledged for obtaining Bank Guarantees of Rs.50.00 Crore for submission to SECI, New Delhi against Viability Gap Funding (VGF) scheme of Solar Power Projects. Out of these BGs, BG worth Rs.27.00 Crore is valid up to 30.06.2023 (post which it is returned to the company) and Balance BG of Rs.23.00 Crore is valid up to 09.10.2023.
- 6.3 (i) Out of the TSSPDCL Bonds of Rs.800.00 Crore, 17.45% amounting to Rs.139.60 Crore is under dispute between M/s. APCPDCL and M/s. TSTRANSCO due to issues relating to State bifurcation. The total Bonds value of Rs 800.00 Crore is carried under the name of M/s TSSPDCL in Demat statement. Further, M/s TSSPDCL had deducted TDS on the interest payable on the total bonds value of Rs 800.00 Crore.
- (ii) However, interest proceeds (net of TDS) are being received by the Company on 82.55% of the Bonds value only from M/s TSSPDCL and the balance interest is not being received either from M/s. TSSPDCL or M/s. APCPDCL pending resolution of dispute and the matter is under active persuasion and close followup by the Company.
- (iii) Interest receivable on the 17.45% of the Bonds value in dispute is also recognized as Income in the books of accounts as TDS was deducted on the same by M/s TSSPDCL. The outstanding interest (net of TDS) receivable as on 31.03.2023 amounted to Rs.86.29 Crore (Rs.73.79 Crore as on 31.03.2022) against the disputed bonds. Further, the interest on the remaining bonds of Rs.660.40 Crore (Not in dispute i.e. 82.55%) is also due from M/s. TSSPDCL from 01.04.2020 to 31.03.2023 which amounted to Rs.178.23 Crore (Net of TDS).
- (iv) Considering the above, the total outstanding interest (net of TDS) receivable on total bonds value of Rs.800.00 Crore as on 31.03.2023 amounted to Rs.264.53 Crore (Rs.192.89 Crore as on 31.03.2022). As these Bonds are backed by the Sovereign Guarantee, the Company expects to realize the outstanding interest dues in due course and hence no provision for Expected Credit Loss is recognized against the same.
- 6.4 Rs.1,000.00 Crore APPFC Power Bonds (Series 2/2012) have matured on 18.07.2022. Out of the matured Bonds value, Rs.200.00 Crore representing TSPFC share is yet to be received. Correspondence is being made for realization of balance amount and the same is classified as Other Current Financial Assets (Refer Note No.8.4).

Notes to the Standalone financial statements for the year ended 31<sup>st</sup> March, 2023 (Contd...)**NOTE 7: LOANS**

(Rs. in Crore)

| Particulars                                     | As at<br>31.03.2023 | As at<br>31.03.2022 |
|---|---------------------|---------------------|
| <b>Non-Current (Unsecured, Considered good)</b> |                     |                     |
| Advances to Staff                               | -                   | -                   |
| <b>Total</b>                                    | <b>-</b>            | <b>-</b>            |
| <b>Current (Unsecured, Considered good)</b>     |                     |                     |
| Advances to Staff                               | 40.79               | 55.81               |
| <b>Total</b>                                    | <b>40.79</b>        | <b>55.81</b>        |

7.1 The Company has not granted any loans to Directors and other related parties during the Current Year and Previous Year.

**NOTE 8: OTHER FINANCIAL ASSETS**

(Rs. in Crore)

| Particulars   | As at 31.03.2023 | As at 31.03.2022 |
|---|------------------|------------------|
| <b>A. Non – Current</b>   |                  |                  |
| Deposit under Mine Closure Plan Scheme (Maturity > 12 Months)                                       | 1,418.66         | 1,176.18         |
| Deposit with LIC (GLBF)   | 5,965.34         | 5,231.11         |
| Security Deposits   | 98.52            | 105.84           |
| Bank Balances with Scheduled Banks (Maturity > 12 Months)   | 801.29           | -                |
| <b>Total (A)</b>  | <b>8,283.81</b>  | <b>6,513.13</b>  |
| <b>B. Current</b>   |                  |                  |
| Security Deposits   | 200.71           | 163.82           |
| Matured Bonds proceeds receivable   | 200.00           | -                |
| Interest Accrued On Investments - Securities  | 310.46           | 263.20           |
| Interest Accrued on Loans & Advances  | 5.38             | 4.09             |
| Government Grants Receivable  | 192.63           | 52.19            |
| Other Receivables Considered good - Rent, Water, Electricity and recoverables from Contractors etc. | 337.33           | 172.91           |
| Unbilled Revenue Receivable - STPP  | -                | 8.80             |
| Other receivables considered doubtful   | 15.45            | 13.40            |
| Less: Provision for bad and doubtful receivables  | (15.45)          | (13.40)          |
| <b>Total (B)</b>  | <b>1,246.51</b>  | <b>665.01</b>    |



Notes to the Standalone financial statements for the year ended 31<sup>st</sup> March, 2023 (Contd...)

### 8.1. i) Reconciliation of Escrow Account Balance

(Rs. in Crore)

| Particulars   | As at 31.03.2023 | As at 31.03.2022 |
|---|------------------|------------------|
| Balance in Escrow Account on Opening Date           | 1,176.18         | 1,031.53         |
| Add: Deposits made during the Year                  | 208.86           | 124.43           |
| Add: Interest Credited (Net of TDS) during the year | 55.09            | 59.11            |
| Less: Amount withdrawn/released during the year     | 21.47            | 38.89            |
| <b>Balance in Escrow Account on Closing Date</b>    | <b>1,418.66</b>  | <b>1,176.18</b>  |

- ii) During the current year, an amount of Rs. 21.47 Crore is released by Coal Controller towards 50% of Progressive Mine closure claims and Interest accrued on MCP escrow deposits (Previous Year Rs.36.79 Crore). (Refer Note No: 22.3). Further, Escrow deposit of Rs.2.10 Crore pertaining to JK OC Mine is credited by the Banker due to auto maturity of fixed deposits during the year 2021-22. These maturity proceeds are deposited again into Escrow Account along with interest of Rs.0.18 Crore in FY 2022-23.
- 8.2 Deposit with LIC(GLBF) represents amount parked in Gratuity Liability Balancing Fund including accrued interest thereon. The Fund in this Deposit account would be utilised for depositing of contributions to Gratuity Trust Fund Account (GGT) with LIC and other employee benefits. As per the terms of the Scheme the Company can withdraw 25% of the opening balance of Deposit every year. Considering the specific nature of this deposit, the same has been classified and presented as Other Financial Assets (Non-Current).
- 8.3 Unbilled Revenue Receivable - STPP of Rs.8.80 Crore presented for the previous year above represents the loan restructuring costs of Rs.77.84 Crore incurred in connection with swapping of Term Loans in FY 2020-21 which are eligible for reimbursement from the TS DISCOMS in due course as reduced by the 2/3 of the savings in the interest cost on account of swapping of term loans to be passed on to the DISCOMS of Rs.69.04 Crore. These amounts have been regularized during the current year as per the Mid Term Review Order of Hon'ble TSERC Dated 23.03.2023 (Refer Note No.26.4 and Note No.31.II.1).
- 8.4 The Matured Bonds proceeds receivable presented above represents the balance of APPFC Power Bonds Matured on 18.07.2022 (Series 2/2012) of Rs.200.00 Crore, representing TSPFC share which is yet to be received and correspondence is being made for realization of this amount. Since these Bonds are backed by Sovereign Guarantee, the Company expects to realize the balance proceeds also in due course and hence no provision for Expected Credit Loss is recognized against the same. Further, due to maturity of Interest coupon period, no interest is recognized on the balance proceeds of Rs.200.00 Crore from the date of the Maturity. In case any interest is received, the same will be recognized as revenue (Refer Note No.6.4).
- 8.5 The Govt. Grants receivable (CCDAC and VGF) represents grant receivable from CCDAC towards various protective and infrastructure related works approved in the Minutes of CCDAC and VGF Grants receivable against setting up of Solar Plants from M/s.SECI. The second and final instalment of VGF Grant of Rs.27.00 Crore against the Solar Power Plants (Phase-II) received on 12.06.2023 have been recognized as receivable on Reporting Date and reduced from the corresponding value of the related Assets (Refer Note No.39.5.2A.5).

**NOTE 9: DEFERRED TAX ASSETS (NET)**

(Rs. in Crore)

| Particulars |  | As at<br>31.03.2023 | As at<br>31.03.2022 |
|-------------|--|---------------------|---------------------|
| <b>(A)</b>  | <b>Deferred Tax Assets:</b>  |                     |                     |
|             | Backfilling, Water body & Mine Closure plan  | 275.97              | 755.82              |
|             | Gratuity   | 627.15              | 774.88              |
|             | Other Employee Benefits  | 683.79              | 586.25              |
|             | Overburden Removal   | 349.38              | 388.08              |
|             | Other Provisions   | 435.09              | 335.29              |
|             | <b>Total (A)</b>   | <b>2,371.38</b>     | <b>2,840.32</b>     |
| <b>(B)</b>  | <b>Deferred Tax Liabilities:</b>   |                     |                     |
|             | Fixed Assets- Excess of Net Book value over Written down value as per provisions of Income Tax Act | 996.69              | 1,010.99            |
|             | <b>Total (B)</b>   | <b>996.69</b>       | <b>1,010.99</b>     |
|             | <b>Deferred Tax Assets (NET) (A-B)</b>   | <b>1,374.69</b>     | <b>1,829.33</b>     |

**NOTE 10: OTHER NON CURRENT ASSETS**

(Rs. in Crore)

| Particulars             | As at 31.03.2023 |                | As at 31.03.2022 |               |
|-------------------------|------------------|----------------|------------------|---------------|
| Capital Advances        |                  | 713.44         |                  | 448.90        |
| Deposits under Protest: |                  |                |                  |               |
| Indirect Taxes          | 185.21           |                | 119.53           |               |
| Direct Taxes            | 273.53           | 458.74         | 261.30           | 380.83        |
| <b>Total</b>            |                  | <b>1172.18</b> |                  | <b>829.73</b> |

- 10.1 Capital Advances represents Rs.449.51 Crore, of Advances paid to LA Authorities / Forest Depts. for acquisition of Land for which proceedings are in progress (Previous Year Rs.319.22 Crore). The balance amount represents the Advances paid to Railway/NHAI and other Govt. Depts. etc for execution of various Capital Projects.
- 10.2 Deposits under protest (Indirect Taxes) represent the deposits made with Commercial Taxes Dept. towards GST on Forest Permit Fee Rs.65.65 Crore (Previous Year Nil), Customs Rs.0.03 Crore (Previous Year Nil), Entry Tax of Rs.91.61 Crore (Previous Year Rs.91.61 Crore), Clean Energy Cess of Rs.10.00 Crore (Previous Year Rs.10.00 Crore), Service Tax on Forest Permit Fee of Rs.15.04 Crore (Previous Year Rs.15.04 Crore), VAT of Rs.1.43 Crore (Previous Year Rs.1.43 Crore), Central Excise Duty of Rs.0.66 Crore (Previous Year Rs.0.66 Crore), CST of Rs.0.02 Crore (Previous Year Rs.0.02 Crore) and AP GST Rs.0.77 Crore (Previous Year Rs.0.77 Crore) under protest against which assessment proceedings are in progress.
- 10.3 Deposits under protest (Direct Taxes) represent the deposits made with / refunds adjusted by the Income Tax Dept. against the appeals pending before the CIT(A), ITAT and Hon'ble High Court, proceedings of which are in progress.



Notes to the Standalone financial statements for the year ended 31<sup>st</sup> March, 2023 (Contd...)

## NOTE 11: INVENTORIES

(Rs. in Crore)

| Particulars |  | As at 31.03.2023 |                 | As at 31.03.2022 |                 |
|-------------|--|------------------|-----------------|------------------|-----------------|
| (i)         | Stores, Spares and Medicines   | 548.79           |                 | 538.40           |                 |
| (ii)        | Loose Tools  | 5.20             |                 | 4.71             |                 |
| (iii)       | Spares held for Sale   | 73.20            |                 | 74.22            |                 |
|             | <b>Sub-Total (i+ii+iii)</b>  | <b>627.19</b>    |                 | <b>617.33</b>    |                 |
|             | <b>Less:</b> Provision for Obsolete, Non-Moving Stores & Shortages and damages | (90.64)          | 536.55          | (73.49)          | 543.84          |
| (iv)        | Finished Goods   |                  |                 |                  |                 |
|             | (a) Coal at Mines/CHPs   | 1,483.97         |                 | 865.77           |                 |
|             | (b) Coal at STPP   | 65.27            |                 | 44.69            |                 |
|             | <b>Sub-Total (iv.a+iv.b)</b>   | <b>1549.24</b>   |                 | <b>910.46</b>    |                 |
|             | <b>Less:</b> Provision for Grade deterioration                                 | (1.07)           | 1,548.17        | (4.61)           | 905.85          |
| (v)         | Work-in-progress   |                  | 0.99            |                  | -               |
| (vi)        | Stores-In-Transit (SIT)  |                  | 11.36           |                  | 9.39            |
|             | <b>Total</b>   |                  | <b>2,097.07</b> |                  | <b>1,459.08</b> |

- 11.1 Inventories of Stores and Spares, Loose Tools/spares held for sale and Medicines are valued at Weighted Average Cost. The Finished Goods (Coal) are valued at Cost or NRV, whichever is less.
- 11.2 Finished Goods at Mines/CHPs include Washery Rejects of 1.16 LT identified as non-saleable owing to "NIL" grade and due to catching of fire at RKP and RGM Washeries. Pending write off of these non-saleable Washery Rejects, provision towards grade deterioration was recognised for Rs.1.07 Crore in FY 2019-20. (Previous Year 4.99 LT and provision of Rs.4.61 Crore)
- 11.3 Stock of coal at STPP is valued at the lower of Cost of Production of issuing Mines plus transportation costs and taxes or Net Realisable Value (Energy charges).
- 11.4 Finished Goods - Coal at STPP includes 7,645.84 Tonnes of Coal in transit at STPP as on 31.03.2023 valuing Rs.4.13 Crore. (PY 7,674.24 Tonnes valuing Rs. 3.29 Crore - Restated)
- 11.5 Out of the above Stock of Coal at Mines & CHPs, 25.19 LTs of Coal is valued at Net Realisable Value for Rs.805.87 Crore. (PY 11.33 LT valued for Rs.152.57 Crore (Restated)). Out of the Stock at STPP, 0.46 LT stock of Coal is valued at Net Realisable Value for an amount of Rs.23.39 Crore (PY 0.39 LT valued for Rs.16.48 Crore (Restated)).
- 11.6 Spares held for sale represents the Spares held for sale to the Outsourcing Contractor at Adriyala Longwall Project/Continuous Miner at GDK.10 Incline as per the Terms of the Service Contract.

Notes to the Standalone financial statements for the year ended 31<sup>st</sup> March, 2023 (Contd...)**NOTE 12.A: TRADE RECEIVABLES (NON-CURRENT)**

(Rs. in Crore)

| Particulars                       | As at 31.03.2023 | As at 31.03.2022 |
|-----------------------------------|------------------|------------------|
| <b>Unsecured, considered good</b> |                  |                  |
| Power - Thermal                   | 483.74           | -                |
| <b>Total</b>                      | <b>483.74</b>    | <b>-</b>         |

12.A.1 The above represents the installments of Power Dues collectable from TSPCC after 12 months from the Reporting Date.

**12A.2 Trade Receivables Ageing Schedule:****1. As at 31.03.2023:**

(Rs. in Crore)

| Particulars  | Outstanding for following periods from due date of payment |                   |           |               |                   |               |
|--|--|-------------------|-----------|---------------|-------------------|---------------|
|  | Less than 6 months   | 6 months - 1 year | 1-2 years | 2-3 years     | More than 3 years | Total         |
| (i) Undisputed Trade receivables – Considered good                                 | -  | -                 | -         | 483.74        | -                 | 483.74        |
| (ii) Undisputed Trade receivables – Which have significant increase in Credit risk | -  | -                 | -         | -             | -                 | -             |
| (iii) Undisputed Trade Receivables – Credit Impaired                               | -  | -                 | -         | -             | -                 | -             |
| (iv) Disputed Trade Receivables - Considered good                                  | -  | -                 | -         | -             | -                 | -             |
| (v) Disputed Trade Receivables-Which have significant increase in Credit risk      | -  | -                 | -         | -             | -                 | -             |
| (vi) Disputed Trade Receivables-Credit Impaired                                    | -  | -                 | -         | -             | -                 | -             |
| <b>Total</b>   | <b>-</b>   | <b>-</b>          | <b>-</b>  | <b>483.74</b> | <b>-</b>          | <b>483.74</b> |
| Provision for Expected Credit Loss (ECL)   | -  | -                 | -         | -             | -                 | -             |
| <b>Total</b>   | <b>-</b>   | <b>-</b>          | <b>-</b>  | <b>483.74</b> | <b>-</b>          | <b>483.74</b> |
| Expected Credit Loss (%):  | -  | -                 | -         | -             | -                 | -             |



Notes to the Standalone financial statements for the year ended 31<sup>st</sup> March, 2023 (Contd...)

2. As at 31.03.2022:

(Rs. in Crore)

| Particulars  | Outstanding for following periods from due date of payment |                   |           |           |                   |       |
|--|--|-------------------|-----------|-----------|-------------------|-------|
|  | Less than 6 months   | 6 months - 1 year | 1-2 years | 2-3 years | More than 3 years | Total |
| (i) Undisputed Trade receivables – Considered good                                 | -  | -                 | -         | -         | -                 | -     |
| (ii) Undisputed Trade receivables – Which have significant increase in Credit risk | -  | -                 | -         | -         | -                 | -     |
| (iii) Undisputed Trade Receivables – Credit Impaired                               | -  | -                 | -         | -         | -                 | -     |
| (iv) Disputed Trade Receivables - Considered good                                  | -  | -                 | -         | -         | -                 | -     |
| (v) Disputed Trade Receivables-Which have significant increase in Credit risk      | -  | -                 | -         | -         | -                 | -     |
| (vi) Disputed Trade Receivables-Credit Impaired                                    | -  | -                 | -         | -         | -                 | -     |
| <b>Total</b>   | -  | -                 | -         | -         | -                 | -     |
| Provision for Expected Credit Loss (ECL)   | -  | -                 | -         | -         | -                 | -     |
| <b>Total</b>   | -  | -                 | -         | -         | -                 | -     |
| Expected Credit Loss (%):  | -  | -                 | -         | -         | -                 | -     |



**NOTE 12B: TRADE RECEIVABLES (CURRENT)**

(Rs. in Crore)

| Particulars |   | As at 31.03.2023 |                  | As at 31.03.2022 |                  |
|-------------|---|------------------|------------------|------------------|------------------|
| <b>A.</b>   | <b>Secured, Considered Good</b>                 |                  |                  |                  |                  |
|             | a) Coal   |                  | 137.46           |                  | 170.26           |
| <b>B.</b>   | <b>Unsecured, considered good</b>               |                  |                  |                  |                  |
|             | a) Coal   | 3,037.12         |                  | 5,277.65         |                  |
|             | b) Power - Thermal                              | 11,000.87        |                  | 9,034.99         |                  |
|             | c) Services                                     | 0.84             |                  | 1.02             |                  |
|             | d) Banked units - Solar                         | 47.86            | 14,086.69        | 29.10            | 14,342.76        |
| <b>C.</b>   | <b>Disputed - considered good</b>               |                  |                  |                  |                  |
|             | a) Coal   | -                |                  | -                |                  |
|             | b) Power - Thermal                              | 527.69           | 527.69           | 127.28           | 127.28           |
| <b>D.</b>   | <b>Credit Impaired</b>                          |                  |                  |                  |                  |
|             | a) Coal   | 95.63            |                  | 56.39            |                  |
|             | b) Power - Thermal                              | 161.50           |                  | 161.50           |                  |
|             | c) Services                                     | 0.39             |                  | -                |                  |
|             | d) Banked units - Solar                         | 0.64             | 258.16           | -                | 217.89           |
|             |   |                  | <b>15,010.00</b> |                  | <b>14,858.19</b> |
|             | <b>Less: Provision for Expected Credit Loss</b> |                  |                  |                  |                  |
|             | a) Coal   | 95.63            |                  | 56.39            |                  |
|             | b) Power - Thermal                              | 161.50           |                  | 161.50           |                  |
|             | c) Services                                     | 0.39             |                  | -                |                  |
|             | d) Banked units - Solar                         | 0.64             | 258.16           | -                | 217.89           |
|             | <b>Total</b>                                    |                  | <b>14,751.84</b> |                  | <b>14,640.30</b> |

12B.1 Dues from Customers (Coal) Unsecured, Considered Good shown above as on 31.03.2023 have been reduced by Rs.467.01 Crore towards provision against Variable Consideration payable to customers (i.e. Grade Variance in respect of disputed samples, sampling results accepted, sampling results awaited etc.) (Previous Year Rs.88.29 Crore).

12B.2 During the year, against the Coal and Power dues, M/s. TSGENCO, M/s. APGENCO and M/s. TSTRANSCO have issued Bills Receivable for an amount of Rs.5,850.24 Crore, which were discounted with Banks (SBI/HDFC/IDBI/UBI) (Previous Year Rs.4,104.96 Crore). As per the covenants of the Bills discounting arrangements, the Company has to indemnify the Bankers in case of dishonour of the Bills of Exchange by M/s TSGENCO, M/s APGENCO and M/s. TSTRANSCO on the respective due dates. The dues from Coal/Power Customers presented above are net of the bill discounting proceeds of Rs.3,896.86 Crore in respect of Bills receivable not matured on the Reporting Date (Previous Year Rs.3,252.33 Crore) (Refer Note No:39.4.D.1).

12B.3 The Trade receivables - Power presented above are reduced by the provision towards reduction in fixed cost element of tariff of Rs.183.58 Crore as per the Mid Term Review Order of Hon'ble TSERC covering the period upto 31.03.2023 (Previous Year NIL).

12B.4 Trade receivables - disputed - considered good includes the bills raised by the Company towards cost of Coal and MOU premium disputed by TSDISCOMs on which clarificatory petition filed by the Company and petition filed by TSDISCOMs respectively are pending before Hon'ble TSERC (Refer Note No.26.5 and 26.6).



Notes to the Standalone financial statements for the year ended 31<sup>st</sup> March, 2023 (Contd...)

## 12B.5: TRADE RECEIVABLES AGEING SCHEDULE:

1. As at 31.03.2023:

(Rs. in Crore)

| Particulars  | Outstanding for following periods from due date of payment |                   |                 |                 |                              |                 |               |                  |
|--|--|-------------------|-----------------|-----------------|------------------------------|-----------------|---------------|------------------|
|  | Less than 6 months   | 6 months - 1 year | 1-2 years       | 2-3 years       | More than 3 years            | Not Due         | Unbilled      | Total            |
| (i) Undisputed Trade receivables – Considered good                                 | 4,660.42   | 1,969.34          | 3,707.66        | 2,372.34        | -                            | 1,177.48        | 336.91        | 14,224.15        |
| (ii) Undisputed Trade receivables – Which have significant increase in Credit risk | -  | -                 | -               | -               | -                            | -               | -             | -                |
| (iii) Undisputed Trade Receivables – Credit Impaired                               | -  | 0.55              | 0.09            | -               | 161.89                       | -               | -             | 162.53           |
| (iv) Disputed Trade Receivables - Considered good                                  | 153.96   | 150.24            | 103.74          | 119.75          | -                            | -               | -             | 527.69           |
| (v) Disputed Trade Receivables- Which have significant increase in Credit risk     | -  | -                 | -               | -               | -                            | -               | -             | -                |
| (vi) Disputed Trade Receivables- Credit Impaired                                   | -  | -                 | -               | -               | 95.63                        | -               | -             | 95.63            |
| <b>Total</b>   | <b>4,814.38</b>  | <b>2,120.13</b>   | <b>3,811.49</b> | <b>2,492.09</b> | <b>257.52</b>                | <b>1,177.48</b> | <b>336.91</b> | <b>15,010.00</b> |
| Provision for Expected Credit Loss (ECL)   | -  | 0.55              | 0.09            | -               | 257.52                       | -               | -             | 258.16           |
| <b>Total</b>   | <b>4,814.38</b>  | <b>2,119.58</b>   | <b>3,811.40</b> | <b>2,492.09</b> | <b>-</b>                     | <b>1,177.48</b> | <b>336.91</b> | <b>14,751.84</b> |
| Expected Credit Loss (%):  | -  | -                 | -               | -               | 100% on credit impaired dues | -               | -             | 1.72%            |

Notes to the Standalone financial statements for the year ended 31<sup>st</sup> March, 2023 (Contd...)

## 2. As at 31.03.2022:

(Rs. in Crore)

| Particulars  | Outstanding for following periods from due date of payment |                   |                 |                 |                              |                 |               |                  |
|--|--|-------------------|-----------------|-----------------|------------------------------|-----------------|---------------|------------------|
|  | Less than 6 months   | 6 months - 1 year | 1-2 years       | 2-3 years       | More than 3 years            | Not Due         | Unbilled      | Total            |
| (i) Undisputed Trade receivables – Considered good                                 | 3,789.85   | 4,093.20          | 4,041.64        | 1,092.99        | 91.83                        | 1,003.11        | 384.02        | 14,496.64        |
| (ii) Undisputed Trade receivables – Which have significant increase in Credit risk | -  | -                 | -               | -               | -                            | -               | -             | -                |
| (iii) Undisputed Trade Receivables – Credit Impaired                               | -  | -                 | -               | -               | -                            | -               | -             | -                |
| (iv) Disputed Trade Receivables - Considered good                                  | -  | 1.03              | 15.19           | 0.16            | -                            | -               | -             | 16.38            |
| (v) Disputed Trade Receivables- Which have significant increase in Credit risk     | -  | -                 | -               | 127.28          | -                            | -               | -             | 127.28           |
| (vi) Disputed Trade Receivables- Credit Impaired                                   | -  | -                 | -               | -               | 217.89                       | -               | -             | 217.89           |
| <b>Total</b>   | <b>3,789.85</b>  | <b>4,094.23</b>   | <b>4,056.83</b> | <b>1,220.43</b> | <b>309.72</b>                | <b>1,003.11</b> | <b>384.02</b> | <b>14,858.19</b> |
| Provision for Expected Credit Loss (ECL)   | -  | -                 | -               | -               | 217.89                       | -               | -             | 217.89           |
| <b>Total</b>   | <b>3,789.85</b>  | <b>4,094.23</b>   | <b>4,056.83</b> | <b>1,220.43</b> | <b>91.83</b>                 | <b>1,003.11</b> | <b>384.02</b> | <b>14,640.30</b> |
| Expected Credit Loss (%):  | -  | -                 | -               | -               | 100% on credit impaired dues | -               | -             | 1.47%            |



Notes to the Standalone financial statements for the year ended 31<sup>st</sup> March, 2023 (Contd...)

## NOTE 13: CASH AND CASH EQUIVALENTS

(Rs. in Crore)

| Particulars   | As at 31.03.2023 |               | As at 31.03.2022 |               |
|---|------------------|---------------|------------------|---------------|
| Cash on hand  |                  | 0.12          |                  | 0.29          |
| <b>Balances with Banks:</b>                           |                  |               |                  |               |
| - In Deposit Account (Maturity < 3 Months)            | 800.87           |               | 22.96            |               |
| - In Current Accounts                                 | 2.68             |               | 5.03             |               |
| - Debit balance in Cash Credit and Overdraft accounts | 124.52           | 928.07        | 432.09           | 460.08        |
| <b>Total</b>  |                  | <b>928.19</b> |                  | <b>460.37</b> |

## NOTE 14: OTHER BANK BALANCES

(Rs. in Crore)

| Particulars  | As at 31.03.2023 | As at 31.03.2022 |
|--|------------------|------------------|
| <b>Earmarked Balances:</b>   |                  |                  |
| - Unpaid Dividend Accounts   | 0.01             | 0.01             |
| - Fixed Deposits (Maturity >3 & < 12 Months) including Margin Money Deposits | 425.94           | 17.05            |
| - Fly Ash Utilisation Reserve Fund Account                                   | 41.98            | 21.53            |
| - Unspent CSR Bank Accounts (Ongoing Projects)                               | 37.83            | 25.69            |
| - Deposits - Fly Ash Utilization Proceeds                                    | 10.39            | -                |
| <b>Total</b>   | <b>516.15</b>    | <b>64.28</b>     |

- 14.1 Balance with Banks includes unclaimed dividend of Rs.91,513.53 (Previous Year Rs. 1,30,312.00)
- 14.2 Out of the above Fixed Deposits, Fixed deposit for an amount of Rs.13.57 Crore were pledged with SBI, Commercial Branch-Hyderabad as margin money for obtaining Letter of credit of Rs.5.37 Crore on M/s.TS TRANSCO for the purpose of synchronisation of Solar Power Plants and Bank Guarantees of Rs.8.20 Crore to SECI, New Delhi (Rs.4.72 Crore valid up to 09.10.2023 and Rs. 3.48 Crore valid up to 31.12.2023).
- 14.3 Fly Ash Utilisation Reserve Fund represents the proceeds from Sale of Fly Ash parked in separate Bank Account for meeting the expenditure on development of infrastructure facilities, promotion and facilitation activities for use of Fly Ash as per the Accounting policy No: 2.2.1.F(i).
- 14.4 Securities by way of deposits in the form of fixed deposit receipts etc., received from the Contractors / Suppliers etc., are kept in the Company's custody and not accounted for amounted to Rs.45.29 Crore as on 31.03.2023 (Previous Year Rs.45.13 Crore).
- 14.5 Unspent CSR Bank Accounts represents the unspent amounts of the ongoing projects sanctioned in FY 2019-20, 2020-21 and 2021-22 deposited in separate Bank Account in pursuance of the provisions of Section 135 (6) of the Companies Act, 2013.

Notes to the Standalone financial statements for the year ended 31<sup>st</sup> March, 2023 (Contd...)**NOTE 15: CURRENT TAX ASSETS (NET)**

(Rs. in Crore)

| Particulars                          | As at 31.03.2023 | As at 31.03.2022 |
|--------------------------------------|------------------|------------------|
| Advance tax paid Including TDS & TCS | 1,356.32         | 1,493.26         |
| Less: Provision for Income Tax       | 1,333.83         | 1,465.68         |
| <b>Total</b>                         | <b>22.49</b>     | <b>27.58</b>     |

**NOTE 16: OTHER CURRENT ASSETS**

(Rs. in Crore)

| Particulars  | As at 31.03.2023 | As at 31.03.2022 |
|--|------------------|------------------|
| (i) Advances Against Purchases, Services & others                    | 261.99           | 228.17           |
| (ii) Considered Doubtful - Advances against purchases & services     | 18.78            | 14.69            |
| <b>Less:</b> Provision for Bad & Doubtful Advances                   | (18.78)          | (14.69)          |
| (iii) Prepaid Expenses   | 32.68            | 17.02            |
| (iv) GST( ITC) Receivable  | 905.58           | 800.74           |
| (v) Taxes against Purchases & Others-Doubtful                        | 7.70             | -                |
| <b>Less:</b> Provision for Taxes against Purchases & Others-doubtful | (7.70)           | -                |
| (vi) Advance Payment of GST (Cess & TDS)                             | -                | 40.00            |
| (vii) Advance Payment of Royalty and Forest Permit Fee               | 617.48           | -                |
| (viii) Refunds Due from Tax Authorities                              | 78.61            | 64.63            |
| <b>Total</b>   | <b>1,896.34</b>  | <b>1,150.56</b>  |

- 16.1 GST (ITC) Receivable represents accumulated ITC Credit. This accumulation is mainly due to inverted duty structure. As per the present GST Provisions, the accumulated credit can be utilized for payment of Output Tax only and cannot be claimed as refund.
- 16.2 Refunds due from Tax Authorities represent refunds of Rs.72.41 Crore claimed from Dept. towards GST paid on Royalty under RCM (Previous Year Rs. 55.31 Crore) against which the proceedings are in process. Further, the balance amount of Rs.6.20 Crore represent the Pre-GST Taxes viz. VAT Rs. 2.54 Crore, Excise Duty and Cess Rs. 3.66 Crore, for which Appeals are pending for disposal (Previous Year Rs.9.32 Crore).
- 16.3 Royalty of Rs. 612.68 crore and Forest Permit Fee of Rs.4.80 Crore presented above were paid in advance to TS Government out of the proceeds collected from TSGENCO. This amount is adjusted subsequently against the Coal dispatches (Previous Year NIL).



Notes to the Standalone financial statements for the year ended 31<sup>st</sup> March, 2023 (Contd...)

## NOTE 17: EQUITY SHARE CAPITAL

(Rs. in Crore)

| Particulars   | As at<br>31.03.2023 | As at<br>31.03.2022 |
|---|---------------------|---------------------|
| <b>AUTHORIZED</b>   |                     |                     |
| 180,00,00,000 Equity Shares of Rs.10/- each (Previous Year - 180,00,00,000 Equity Shares of Rs.10/- each)                               | 1,800.00            | 1,800.00            |
| <b>ISSUED, SUBSCRIBED AND PAID-UP</b>   |                     |                     |
| 173,31,98,119 Equity Shares of Rs.10/- each fully paid up (Previous Year - 173,31,98,119 Equity Shares of Rs.10/- each - fully paid up) | 1,733.20            | 1,733.20            |
| <b>Total</b>  | <b>1,733.20</b>     | <b>1,733.20</b>     |

### Terms and rights attached to equity shares:

The Company has only one class of shares i.e. Equity Shares having par value of Rs.10/- each. The holders of the equity shares are entitled to receive dividends as declared from time to time and are entitled to voting rights proportionate to their share holding at the meetings of shareholders.

### Details of Shareholders holding More than 5%:

| Name of the Shareholder       | As at 31.03.2023 |        | As at 31.03.2022 |        |
|-------------------------------|------------------|--------|------------------|--------|
|                               | No. of Shares    | % Held | No. of Shares    | % Held |
| Hon'ble Governor of Telangana | 88,55,99,147     | 51.096 | 88,55,99,147     | 51.096 |
| Hon'ble President of India    | 84,75,60,000     | 48.902 | 84,75,60,000     | 48.902 |

## 17.1: RECONCILIATION OF EQUITY SHARES

(Rs. in Crore)

| Particulars                                      | As at 31.03.2023      |                       | As at 31.03.2022      |                       |
|--|-----------------------|-----------------------|-----------------------|-----------------------|
|  | No. of Shares         | Amount (Rs. in Crore) | No. of Shares         | Amount (Rs. in Crore) |
| Shares outstanding at the beginning of the year  | 1,73,31,98,119        | 1,733.20              | 1,73,31,98,119        | 1,733.20              |
| Shares issued during the year                    | -                     | -                     | -                     | -                     |
| Shares bought back during the year               | -                     | -                     | -                     | -                     |
| <b>Shares outstanding at the end of the year</b> | <b>1,73,31,98,119</b> | <b>1,733.20</b>       | <b>1,73,31,98,119</b> | <b>1,733.20</b>       |

## 17.2: DISCLOSURE OF SHARE HOLDING OF PROMOTERS

(Rs. in Crore)

| Name of the Promoter          | As at 31.03.2023      |               |                          | As at 31.03.2022      |               |                          |
|-------------------------------|-----------------------|---------------|--------------------------|-----------------------|---------------|--------------------------|
|                               | No. of Shares         | % of Holding  | % change during the year | No. of Shares         | % of Holding  | % change during the year |
| Hon'ble Governor of Telangana | 88,55,99,147          | 51.096        | -                        | 88,55,99,147          | 51.096        | -                        |
| Hon'ble President of India    | 84,75,60,000          | 48.902        | -                        | 84,75,60,000          | 48.902        | -                        |
| <b>Total</b>                  | <b>1,73,31,98,119</b> | <b>99.998</b> | <b>-</b>                 | <b>1,73,31,98,119</b> | <b>99.998</b> | <b>-</b>                 |

**NOTE 18: OTHER EQUITY****(1) Current Year**

(Rs. in Crore)

| Particulars                                       | Fly Ash Utilisation Reserve | General Reserve | Retained Earnings | Remeasurement of defined benefits plans (Net of Tax) - (OCI) | Total            |
|---|-----------------------------|-----------------|-------------------|--|------------------|
| <b>Balance as on 01.04.2022</b>                   | <b>18.89</b>                | <b>1,860.40</b> | <b>6,641.48</b>   | <b>(439.48)</b>  | <b>8,081.29</b>  |
| Profit for the Year 2022-23                       | -                           | -               | 2,596.40          | -  | 2,596.40         |
| Other Comprehensive Income (net of tax)           | -                           | -               | -                 | (373.94)   | (373.94)         |
| Dividends paid for 2021-22                        | -                           | -               | (129.99)          | -  | (129.99)         |
| Transfer (from)/to Retained Earnings              | -                           | 100.00          | (100.00)          | -  | -                |
| Addition during the year                          | 29.24                       | -               | -                 | -  | 29.24            |
| Fly Ash Reserve Utilization (Capital Expenditure) | -                           | -               | -                 | -  | -                |
| <b>Balance as on 31.03.2023</b>                   | <b>48.13</b>                | <b>1,960.40</b> | <b>9,007.89</b>   | <b>(813.42)</b>  | <b>10,203.00</b> |

**(2) Previous Year**

(Rs. in Crore)

| Particulars  | Fly Ash Utilisation Reserve | General Reserve | Retained Earnings | Remeasurement of defined benefits plans (Net of Tax) - (OCI) | Total           |
|--|-----------------------------|-----------------|-------------------|--|-----------------|
| <b>Balance as on 01.04.2021</b>                                      | <b>8.93</b>                 | <b>1,760.40</b> | <b>5,542.46</b>   | <b>(403.17)</b>  | <b>6,908.62</b> |
| Adjustments for Prior Period Errors (net of Deferred Tax)            | -                           | -               | (73.41)           | -  | -               |
| Adjustments for changes in Accounting Policies (net of Deferred Tax) | -                           | -               | 129.57            | -  | 129.57          |
| <b>Restated Balance as on 01.04.2021</b>                             | <b>8.93</b>                 | <b>1,760.40</b> | <b>5,598.62</b>   | <b>(403.17)</b>  | <b>7,038.19</b> |
| Profit for the Year 2021-22 (Restated)                               | -                           | -               | 1,229.52          | -  | 1,229.52        |
| Other Comprehensive Income (net of tax) (Restated)                   | -                           | -               | -                 | (36.31)  | (36.31)         |
| Dividends paid for 2020-21 (including dividend distribution tax)     | -                           | -               | (86.66)           | -  | (86.66)         |
| Transfer to/(from) retained earnings                                 | -                           | 100.00          | (100.00)          | -  | -               |
| Addition during the year   | 9.96                        | -               | -                 | -  | 9.96            |
| Fly Ash Reserve Utilization (Capital Expenditure)                    | -                           | -               | -                 | -  | -               |
| <b>Restated Balance as on 31.03.2022</b>                             | <b>18.89</b>                | <b>1,860.40</b> | <b>6,641.48</b>   | <b>(439.48)</b>  | <b>8,081.29</b> |



*Notes to the Standalone financial statements for the year ended 31<sup>st</sup> March, 2023 (Contd...)*

**General Reserve:** This is used from time to time to transfer profits from the Retained Earnings for appropriation purposes.

**Fly Ash Utilization Reserve:** This represents the proceeds from sale of Fly Ash and interest accrued on the fixed deposits made out of the proceeds of Fly Ash Sale. This reserve shall be used for the development works as per MoEF guidelines.

**Retained Earnings:** This represents the accumulated Retained Earnings by the Company over the years. This reserve can be utilized for payment of dividend and other purposes in accordance with the provisions of the Companies Act, 2013.

**Remeasurement of Defined Benefits Plans (Net of Tax) (OCI):** This represents the accumulated change in the actuarial liabilities of the employee defined benefit plans due to changes in the Actuarial assumptions and experience adjustments net of Taxes.

**NOTE 19A: BORROWINGS: (NON - CURRENT)**

(Rs. in Crore)

| Particulars                    |   | As at<br>31.03.2023 | As at<br>31.03.2022 |
|--------------------------------|---|---------------------|---------------------|
| <b>Term Loans - From Banks</b> |   |                     |                     |
| <b>Secured:</b>                |   |                     |                     |
| 1                              | <b>From State Bank of India</b><br>(Rs 2964.40 Crore Less current maturities of Rs 331.68 Crore and principle paid Rs 902.95 Crore) | 1,729.77            | 2,062.30            |
| 2                              | <b>From ICICI Bank</b><br>(Rs 981.73 Crore Less current maturities of Rs 119.00 Crore and principle paid Rs 267.74 Crore)           | 594.99              | 713.99              |
| 3                              | <b>From Bank of Baroda</b><br>(Out of the sanctioned Loan Rs.487.55 Crore, loan drawn is Rs.45.15 Crore)                            | 45.15               | -                   |
| <b>Total</b>                   |   | <b>2,369.91</b>     | <b>2,776.29</b>     |

**NOTE 19B: BORROWINGS: (CURRENT)**

(Rs. in Crore)

| Particulars        |   | As at 31.03.2023 |        | As at 31.03.2022 |        |
|--------------------|---|------------------|--------|------------------|--------|
| <b>I. Secured:</b> |   |                  |        |                  |        |
| 1                  | <b>Current Maturities of Long-Term Debt</b> |                  |        |                  |        |
|                    | SBI - Term Loan                             | 331.68           |        | 331.68           |        |
|                    | ICICI Bank - Term Loan                      | 119.00           |        | 119.00           |        |
|                    | SBI - Solar Power Plants                    | -                | 450.68 | 475.62           | 926.30 |
| 2                  | <b>Loans payable on demand - from Banks</b> |                  |        |                  |        |
|                    | Cash Credit                                 | 4.35             |        | 11.45            |        |
|                    | Working Capital Loans from Banks            | -                | 4.35   | 425.51           | 436.96 |
| <b>Total</b>       |   | <b>455.03</b>    |        | <b>1,363.26</b>  |        |

19A.1 Loan from SBI is secured by Hypothecation of Project Assets by way of first pari-passu charge on both present and future including Equitable mortgage of Project Land. The outstanding loan amount of Rs 2,061.45 Crore as on 31.03.2023 is repayable in 24 quarterly instalments of Rs.82.92 Crore each and 1 instalment of Rs 71.37 Crore. Rate of Interest payable on this loan is 8.20% p.a.



*Notes to the Standalone financial statements for the year ended 31<sup>st</sup> March, 2023 (Contd...)*

19A.2 Loan from ICICI Bank is secured by first pari-passu charge on movable and immovable assets of STPP (both present and future) along with other lenders. The Outstanding loan amount of Rs. 713.99 Crore as on 31.03.2023 is repayable in 24 quarterly instalments of Rs.29.75 Crore each. Rate of Interest payable on this loan is 8.63% p.a.

19A.3 During the year, an amount of Rs.487.55 Crore is sanctioned by Bank of Baroda for installation of FGD system at 2x600 MW Power Plant (STPP). The loan is secured by second charge on the STPP assets (2x600 MW plant). The loan amount is repayable in 48 quarterly instalments of Rs.10.16 Crore each commencing from 30.09.2024. An amount of Rs.45.16 Crore was drawn during the year. The applicable rate of interest is 1 Year SBI MCLR with annual reset (7.20% as on 31.03.2023).

19B.1 Cash Credit - Secured by first charge in favour of participating banks ranking pari-passu on the Stocks & Receivables and Other Current Assets.

**NOTE 20: TRADE PAYABLES (CURRENT)**

(Rs. in Crore)

| Particulars  |  | As at 31.03.2023 |                | As at 31.03.2022 |                |
|--------------|--|------------------|----------------|------------------|----------------|
| 1.           | Dues to Micro Enterprises and Small Enterprises                                  |                  | 11.66          |                  | 18.35          |
| 2.1          | Dues to Subsidiary - Andhra Pradesh Heavy Machinery Engineering Limited (APHMEL) | 4.65             |                | 2.06             |                |
| 2.2.         | Dues to Others   | 1,208.98         | 1,213.63       | 993.45           | 995.51         |
| <b>Total</b> |  |                  | <b>1225.29</b> |                  | <b>1013.86</b> |

**Trade Payables Ageing Schedule:****a) As on 31.03.2023**

(Rs. in Crore)

| Particulars              | Outstanding for following periods from due date of payment |              |              |                   |               |               | Total           |
|--------------------------|--|--------------|--------------|-------------------|---------------|---------------|-----------------|
|                          | Less than 1 year   | 1-2 years    | 2-3 years    | More than 3 years | Unbilled      | Not Due       |                 |
| i) MSME                  | 2.06   | -            | -            | -                 | 1.18          | 8.42          | 11.66           |
| ii) Others               | 118.79   | 6.12         | 2.79         | 3.51              | 208.32        | 750.13        | 1,089.66        |
| iii) Disputed Dues-MSME  | -  | -            | -            | -                 | -             | -             | -               |
| iv) Disputed Dues-Others | 1.14   | 10.18        | 19.12        | 79.72             | 9.49          | 4.32          | 123.97          |
| <b>Total</b>             | <b>121.99</b>  | <b>16.30</b> | <b>21.91</b> | <b>83.23</b>      | <b>218.99</b> | <b>762.87</b> | <b>1,225.29</b> |

**b) As on 31.03.2022**

(Rs. in Crore)

| Particulars              | Outstanding for following periods from due date of payment |             |             |                   |               |               | Total           |
|--------------------------|--|-------------|-------------|-------------------|---------------|---------------|-----------------|
|                          | Less than 1 year   | 1-2 years   | 2-3 years   | More than 3 years | Unbilled      | Not Due       |                 |
| i) MSME                  | 1.20   | -           | -           | -                 | 3.67          | 13.47         | 18.34           |
| ii) Others               | 43.30  | 6.07        | 5.88        | 1.47              | 377.12        | 457.82        | 891.66          |
| iii) Disputed Dues- MSME | 0.01   | -           | -           | -                 | -             | -             | 0.01            |
| iv) Disputed Dues-Others | 0.87   | -           | 1.01        | 79.23             | 22.74         | -             | 103.85          |
| <b>Total</b>             | <b>45.38</b>   | <b>6.07</b> | <b>6.89</b> | <b>80.70</b>      | <b>403.53</b> | <b>471.29</b> | <b>1,013.86</b> |



Notes to the Standalone financial statements for the year ended 31<sup>st</sup> March, 2023 (Contd...)

## NOTE 21: FINANCIAL LIABILITIES

### 21.A: LEASE LIABILITIES

(Rs. in Crore)

| Particulars             | As at<br>31.03.2023 | As at<br>31.03.2022 |
|-------------------------|---------------------|---------------------|
| <b>1. Non Current :</b> |                     |                     |
| Lease Liabilities       | 4.40                | 9.39                |
| <b>Total</b>            | <b>4.40</b>         | <b>9.39</b>         |
| <b>2. Current:</b>      |                     |                     |
| Lease Liabilities       | 11.46               | 7.35                |
| <b>Total</b>            | <b>11.46</b>        | <b>7.35</b>         |

### 21.B.1 OTHER FINANCIAL LIABILITIES: (NON-CURRENT)

(Rs. in Crore)

| Particulars                    | As at<br>31.03.2023 | As at<br>31.03.2022 |
|--------------------------------|---------------------|---------------------|
| Deposits from Coal Customers   | 128.60              | 177.65              |
| Deposits from Vendors & Others | 119.39              | 126.52              |
| <b>Total</b>                   | <b>247.99</b>       | <b>304.17</b>       |

### 21.B.2. OTHER FINANCIAL LIABILITIES: (CURRENT)

(Rs. in Crore)

| Particulars                                     | As at 31.03.2023 |               | As at 31.03.2022 |                 |
|---|------------------|---------------|------------------|-----------------|
| i) Salaries & Wages Payable                     |                  | 248.32        |                  | 275.22          |
| ii) Creditors for Capital Expenditure           |                  | 350.07        |                  | 593.67          |
| iii) Interest accrued but not due on Borrowings |                  | 0.01          |                  | -               |
| iv) Unclaimed Dividends                         |                  | 0.01          |                  | 0.01            |
| v) Deposits from Vendors & Other Customers      |                  | 124.78        |                  | 112.54          |
| vi) Deposits from Coal customers                |                  | 14.62         |                  | -               |
| vii) Other Payables:                            |                  |               |                  |                 |
| a) Deposits from Others                         | 3.42             |               | 3.13             |                 |
| b) Overdraft in Current Account                 | 9.92             |               | 0.46             |                 |
| c) Other Liabilities                            | 99.32            | 112.66        | 85.50            | 89.10           |
| <b>Total</b>                                    |                  | <b>850.47</b> |                  | <b>1,070.54</b> |

21.B.1 Creditors for Capital Expenditure include dues against Capital procurement from Micro Enterprises and Medium Enterprises of Rs.3.54 Crore (Previous Year Rs.6.36 Crore) and dues to Subsidiary Rs.6.46 Crore (Previous Year Rs.4.41 Crore).

21.B.2 Deposits from Vendors, Suppliers and Contractors include an amount of Rs.0.01 Crore of Security Deposits submitted by the subsidiary (Previous Year Rs.1.64 Crore).



Notes to the Standalone financial statements for the year ended 31<sup>st</sup> March, 2023 (Contd...)

**NOTE 22: PROVISIONS**

(Rs. in Crore)

| Particulars  |           | As at 31.03.2023 |           | As at 31.03.2022 |  |
|--|-----------|------------------|-----------|------------------|--|
| <b>1. Non - Current</b>  |           |                  |           |                  |  |
| <b>(a) Provision for Employee Benefits:</b>                                    |           |                  |           |                  |  |
| Gratuity (to the extent unfunded)  | 2,922.41  |                  | 3,309.21  |                  |  |
| Leave Encashment (Vesting)   | 686.70    |                  | 557.64    |                  |  |
| Leave Entitlement (Non-vesting)  | 191.56    |                  | 171.43    |                  |  |
| MMC & LPE  | 167.44    |                  | 105.51    |                  |  |
| Settling-in- Allowance   | 97.56     |                  | 64.85     |                  |  |
| Leave Travel Concession  | 61.64     |                  | 46.99     |                  |  |
| Post Superannuation Medicare Benefit   |           |                  |           |                  |  |
| - Executives - CPRMS(E)  | 236.82    |                  | 211.06    |                  |  |
| - Non-Executives (CPRMS-NE)  | 637.50    | 5,001.63         | 557.99    | 5,024.68         |  |
| <b>(b) Others</b>  |           |                  |           |                  |  |
| Overburden Removal Adjustment  |           |                  |           |                  |  |
| Net of Advance Action Rs.648.54 Crore (PY Rs.530.97 Crore)                     | 7,059.58  |                  | 4,383.57  |                  |  |
| Final Void Maintenance (Back Filling)  | 12,234.80 |                  | 10,314.03 |                  |  |
| Final Void Maintenance (Water Body)  | 5,547.38  |                  | 4,579.32  |                  |  |
| Mine Closure (Net of PMCP receivables of Rs. 282.06 Crore (PY Rs.227.28 Crore) | 1,335.59  |                  | 1,306.71  |                  |  |
| Remedial Action Plan (EC)  | 80.36     |                  | 87.81     |                  |  |
| Provision for CER/PH for expansion of Mines                                    | 15.95     | 26,273.66        | -         | 20,671.44        |  |
| <b>Total – Non Current</b>   |           | <b>31,275.29</b> |           | <b>25,696.12</b> |  |
| <b>2. Current:</b>   |           |                  |           |                  |  |
| <b>Provision for employee benefits:</b>  |           |                  |           |                  |  |
| Gratuity (unfunded)  |           | 1.78             |           | 1.82             |  |
| Leave Encashment (Vesting)   |           | 119.92           |           | 114.38           |  |
| MMC & LPE  |           | 29.79            |           | 35.55            |  |
| Superannuation Benefit   |           | 384.79           |           | 396.01           |  |
| Post Superannuation Medicare Benefit   |           |                  |           |                  |  |
| - Executives - CPRMS(E)  | 17.12     |                  | 16.42     |                  |  |
| - Non-Executives (CPRMS-(NE))  | 28.47     | 45.59            | 44.59     | 61.01            |  |
| Settling-in- Allowance   |           | 7.25             |           | 4.95             |  |
| Leave Travel Concession  |           | 21.62            |           | 19.32            |  |
| Performance Related Pay (Executives)   |           | 238.82           |           | 201.24           |  |
| PLB/PLR (Ex-gratia)  |           | 315.32           |           | 297.53           |  |
| Corporate Special Incentive  |           | 666.74           |           | 355.84           |  |
| Interest Subsidy (HBLRIS)  |           | 21.75            |           | 21.52            |  |
| Provision of PRC Arrears (NCWA-XI)   |           | 1,566.31         |           | 434.42           |  |
| <b>Other Current Provisions:</b>   |           |                  |           |                  |  |
| Provision for Environment Compensation - NGT                                   |           | 41.34            |           | 41.21            |  |
| <b>Total – Current</b>   |           | <b>3,461.02</b>  |           | <b>1,984.80</b>  |  |



Notes to the Standalone financial statements for the year ended 31<sup>st</sup> March, 2023 (Contd...)

## 22.1 Provision for Overburden Removal (net of Advance Action):

- i) In respect of all open cast (OC) Mines in operation, the accounting of Overburden Removal (OBR) is carried out as per the Accounting Policy No:2.2.10.
- ii) During the year, the General Review of Project Stripping Ratios was carried out as per Accounting Policy No.2.2.10 (ii). Out of the 21 OC Mines, in respect of 7 Mines there is no change in Project Stripping Ratios. However, in respect of 14 OC Mines, considering the increase/decrease in the Coal and OB Reserves of the respective OC Mines due to the obvious reasons like shifting of faults, changes in quantities left over in depillared panels, changes in high wall bench configurations, changes in the seam thickness / width of the batter and haul roads etc., Stripping Ratios have been revised.
- iii) Consequent to the above general review of the Stripping Ratios, there is a decrease in the OBR Charge by Rs.629.70 Crore (Credit) in respect of 6 OC Mines and there is an increase in the OBR Charge by Rs.759.14 Crore (Debit) in respect of 8 OC Mines, the overall net Increase in OBR Charge being Rs.129.44 Crore, with corresponding reduction in the Profit before Tax (PBT) for the current year. The impact of the general review of the Stripping ratios during the current year is accounted as a change in the Estimate in the current year as per Ind AS-8.
- iv) Further, in respect of IK OCP, BC soil excavated under the external dump outside the quarry area of 13.99 L.Cum and 15.60 L.Cum during the year 2020-21 & 2021-22 respectively was erroneously considered for OBR accounting purpose. Hence, the above inclusion of BC removal quantities for OBR Accounting in previous years is viewed as a material prior period error and corrected retrospectively as per Ind AS-8 read with Company's Accounting Policy No.2.2.21. The financial impact of correction of prior period error is Rs.33.37 Crore which was adjusted against retained earnings / PBT of comparative period.(Refer Note no: 39.5.9.i)
- v) In addition to the above, due to the closure of mining operations at GK OC and Medapalli OC, the Overburden removal accounting was carried out for the terminal quantities of coal and OB removed in the current year on actual basis. The opening balance of advance action of Rs.16.63 Crore and Rs.6.15 Crore in respect of GK OC and Medapally OC, respectively have been charged off to the Statement of Profit & Loss of the current year.

## 22.2 Provision for Backfilling of Over Burden/Maintenance of Water Body:

### a) Position/Status as on 31.03.2022:

Until FY 2021-22, provision for Backfilling of Overburden is being made as per Accounting Policy no. 2.2.7.B. to meet the obligation (pursuant to the stipulations in Environment Clearances) regarding the reduction of the depth of final void to 30/35/40 metres from the surface as the case may be in respect of 8 Opencast (OC) Mines. Further, Provision for Water body Maintenance is being made in respect of 7 OC Mines pursuant to the stipulations in Environment Clearances (EC) for maintenance of final void as water body by providing adequate engineering interventions for sustenance of aquatic life. Other OC Projects are either on relay concept or no such stipulation is mentioned in the EC of respective Mines.

### b) Changes/Movement during the year 2022-23:

- i) During the year, revised EC was approved for RG OC I Expansion Mine stating "the final void should be preferably as per the approved mine closure plan and in case it exceed 40m, adequate Engineering interventions shall be provided for the sustenance of aquatic life there in". However, the relevant condition in Mining plan is "It is proposed fill the void with 194.36 M.cum of OB removed from the future expansion of the project". Consequently, the amount of provision required to meet the obligation towards revised quantity of 194.36 M.Cum instead of earlier

*Notes to the Standalone financial statements for the year ended 31<sup>st</sup> March, 2023 (Contd...)*

- 128.40 M.cum is reassessed based on the estimates made by Project Planning Department. Based on re-assessment, the increase in the value of the obligation towards backfilling over and above the carrying amount of earlier Provision by Rs 271.93 Crore is provided for by way of recognizing related Site Restoration Asset as on 01.04.2022.
- ii) During the year, revised EC was approved for SRP OC II stating “the final void should be preferably as per the approved mine closure plan and in case it exceed 40m, adequate Engineering interventions shall be provided for the sustenance of aquatic life there in”. However, the relevant condition in Mining plan is “The Mining company shall backfill the final void utilizing OB of sequential mine”. The final void quantity is estimated at 320.85 M.Cum up to depth of 35 m from Surface. Consequently, the amount of provision required to meet the obligation towards revised quantity of 320.85 M.Cum instead of earlier 168.82 M.cum is reassessed based on the estimates made by Project Planning Department. Based on re-assessment, the increase in the value of the obligation towards backfilling over and above the carrying amount of earlier Provision by Rs 969.77 Crore is provided for by way of recognizing related Site Restoration Asset as on 01.04.2022.
- iii) During the year 2022-23, revised EAC minutes of meeting dt.14.03.2023 was received for Medapally OC with a condition to leave the final void of 258.31 with maximum depth of 220 m as water body by providing adequate engineering interventions for sustenance of aquatic life. As the ECs are issued by MoEF as per the minutes of EAC meetings, the amount of provision required to meet the obligation towards Water body Maintenance as against the earlier obligation to backfill the final void with Overburden was assessed based on the estimates made by Project Planning Department. Based on re-assessment, the decrease in the provision for waterbody requirements by Rs 1285.23 Crore out of which an amount of Rs 97.08 Crore is adjusted against the carrying amount of site restoration cost asset as on 01.04.2022 and an amount of Rs.1188.15 Crore is withdrawn from Provision and credited to the Statement of Profit and Loss.
- iv) In respect of MNG OC, JK-5 OCP and RG OC II Projects, the provision for Backfilling/Water body maintenance was reviewed by adopting the Revised Mine lives as proposed by Project Planning Department. Consequent to this, there is a decrease in the provision of Backfilling / Water body maintenance by Rs 152.87 Crore, out of which an amount of Rs 144.96 Crore is adjusted against the carrying amount of Site Restoration Asset and the balance amount of Rs.7.91 Crore is withdrawn from Provision and credited to Statement of Profit and Loss of the Current Year.
- v) As per the Accounting Policy 2.2.7 B(iv) of the company, specific realistic assessment of estimated expenditure for meeting the obligation for Backfilling of final void in respect 3 OC Mines (RG OC I, JK5 OCP and MNG OCP) which are nearing closure was carried out by the Project Planning Department. Consequent to this specific reassessment, there is a increase in the provision of Backfilling by Rs 212.47 Crore, out of which an amount of Rs 220.39 Crore is adjusted against the carrying amount of Site Restoration Asset and the balance amount of Rs.7.92 Crore is withdrawn from Provision and transacted in the Statement of Profit and Loss of FY 2022-23.
- vi) Reassessment of the Backfilling Obligation as on the Reporting Date i.e. 31.03.2023 for the Mines not covered under specific assessment as above, the current year’s weighted average outsourcing OB removal rate excluding the explosive cost element is made. Consequently, on assessment of Backfilling Obligation, there is an increase in the provision by Rs.1,706.64 Crore on the Reporting Date which was provided for by way of addition to the related Site Restoration Assets by the corresponding amount.



Notes to the Standalone financial statements for the year ended 31<sup>st</sup> March, 2023 (Contd...)

### 22.3 Provision for Mine Closure Plan (MCP):

- i) Provision for Mine Closure Plan (MCP) is being recognized as per the Accounting Policy no 2.2.7.A based on Mine Closure Plans approved by MoC or Company's Board as per the guidelines of Ministry of Coal (MoC) dated 7<sup>th</sup> January 2013.
- ii) Provision for Mine Closure Plan is made for 19 OC Mines and 23 UG Mines presently operating against 21 OC Mines and 24 UG Mines owing to the merger of the mines. Further, provision in case of 6 UG mines and 3 OC mines which are closed is carried in the Balance sheet.
- iii) During the year, Mine Closure Plan provision was re-assessed in respect of 7 mines due to adoption of revised mine lives as proposed by Project Planning Department. Consequent to this, there is an overall decrease in Mine Closure provision by Rs 13.21 Crore. Out of which, an amount of Rs. 9.65 Crore is adjusted against the related Site Restoration Asset and the balance provision of Rs 3.56 Crore is withdrawn and credited to the Statement of Profit and Loss in the current year.
- iv) During the year 2022-23, Mine Closure Plan provision was re-assessed in respect of 22 mines consequent to the revised Escrow agreements entered during the year 2022-23. Consequent to this, there is an overall increase in Mine Closure Provision by Rs 78.53 Crore. Out of which, an amount of Rs.78.62 Crore is added to the related Site Restoration Asset and the balance provision of Rs 0.09 Crore is withdrawn and credited to the Statement of Profit and Loss of the current year.
- v) In pursuance of Accounting policy No.2.2.7 (A) (vii), the obligation towards Final Mine Closure activities in respect of 15 Mines for which the remaining life is 5 years or below is re-estimated by Project Planning Department. Consequent to this reassessment, there is a overall decrease in the provision towards Mine closure obligation of these Mines by Rs.109.63 Crore, out of which an amount of Rs.25.28 Crore is adjusted against the carrying amount of Site Restoration Asset and the balance provision of Rs 84.35 Crore is withdrawn and credited to the Statement of Profit and Loss of the current year.
- vi) In pursuance of Accounting policy No.2.2.7 (A) (vi), an amount of Rs.71.87 Crore is recognised as Receivable against Progressive Mine Closure Expenditure claims in respect of 26 Mines for the year 2022-23, by crediting to the natural heads of expenditure.
- vii) Further, as per Ind AS 36 read with Appendix A to Ind AS 16, PPE the increase in the Site Restoration Assets is tested for impairment of in respect of UG mines incurring continuous losses and an amount of Rs.8.04 Crore due to changes in the Mine Closure Provision is recognised towards Provision for Impairment in the current year.
- viii) During the year 2022-23, an amount of Rs.263.95 Crore (including Rs.55.09 Crore of interest accrued net of TDS) was deposited in designated Escrow Accounts. The cumulative Deposit as on 31.03.2023 is Rs.1,418.66 Crore (including accrued interest of Rs.296.57 Crore net of TDS) (Previous year – Rs.1,176.18 Crore including interest of Rs.241.48 Crore net of TDS).
- ix) Against the deposits for MCP held in the Escrow Accounts, an amount of Rs.21.47 Crore was released by Coal Controller during the year 2022-23 (PY Rs.36.79 Crore). This amount is 50% of the deposited amounts including interest on Mine closure expenditure claims in respect of 20 Mines for the years from 2013-14 to 2017-18 submitted by the Company.

### 22.4 Provision for Remediation & Community Resource Augmentation Plans(RP&NCRAP)

- i) Upto FY 2021-22 the Company has made provision of Rs.92.50 Crore for implementation of Remediation Plan and Natural & Community Resource Augmentation Plans (RP & NCRAP) in respect of Projects falling under violation category. After adjusting the Expenditure incurred up to FY 2021-22 of Rs.4.70 Crore, the balance amount of provision as on 31.03.2022 was Rs.87.81 Crore.

*Notes to the Standalone financial statements for the year ended 31<sup>st</sup> March, 2023 (Contd...)*

- ii) During FY 2022-23, ECs were approved for four Mines by MoEF& CC and EAC/SEAC recommended ECs for six Mines recommending the activities for Rs.20.65 Crore towards implementation of RP, CRAP, NCRAP & PH commitments as against the provision made for Rs.26.30 Crore. Accordingly, excess provision of Rs.5.65 Crore was written back and credited to the Statement of Profit and Loss of the Current Year. Further, an amount of Rs.8.13 Crore is provided towards implementation of RP, CRAP, NCRAP & PH commitments in respect of the remaining Mines in Violation Category. The Net increase in the Provision Rs.2.48 Crore (PY withdrawal of Rs.4.43 Crore) for the year was classified and presented as an Exceptional Item, as was done in previous year. After setting off of expenditure incurred in FY 2022-23 of Rs.9.93 Crore, the balance amount of provision as on 31.03.2023 was Rs.80.36 Crore. (PY 87.81 Crore)

**22.5 Provision for CER/PH commitments for New/Expansion Mines:**

- i) In case of new/expansion mines, the Company is obtaining Environment Clearances (ECs) as per the EIA notification, 2006 and its subsequent amendments from time to time. MoEF & CC issued O.M. vide F.No.22-65/2017-IA.III dated 01.05.2018 regarding guidelines for fund allocation in respect of CER activities in addition to the EIA/EMP cost based on the nature of the project and capital cost for fulfilling the issues raised in the Public Hearings.
- ii) Subsequently, MoEF&CC issued another O.M vide F.No.22-65/2017-IA.III dated 30.09.2020 wherein it has directed the EAC/SEAC that the Public Hearing commitments to be incorporated as part of the EMP while according ECs in lieu of CER. Accordingly, the Company is providing CER/Public Hearing commitment budget along with timelines in the EIA/EMP report and the same is being deliberated and decided by the EAC/SEAC for granting ECs.
- iii) Considering the Constructive obligation for meeting the Commitments given in the Final EMPs submitted to MoEF for Obtaining ECs, provision towards CER/PH commitments is recognised during the year for an amount of Rs.15.95 Crore.

**22.6 Provision for Environment Compensation – (Hon' NGT):**

- i) Provision towards Environment compensation represents, provision made in FY 2021-22 for an amount of Rs.41.21 crore consequent to the judgement of National Green Tribunal on the cases filed by residents of Sattupalli regarding the environmental violations, sound pollution, air pollution, water pollution and cracks on Houses caused by blasting operations carried out by the Company and transportation coal by road instead of rail in respect of JVR OC II Mine. The case was contested by the Company by way of filing a civil appeal before Hon'ble Supreme Court. The Hon'ble Supreme Court has advised to deposit 50% of the amount awarded by Hon' NGT vide it's order dated 13.03.2023 and accordingly an amount of Rs.21.61 Crore was deposited with Hon' NGT on 29.03.2023.
- ii) Further during the year, provision was made for an amount of Rs.0.14 Crore towards Environmental compensation demand issued by TSPCB in pursuance of directions of Hon' NGT in respect of OA No.39/2022 (SZ) filed on the alleged environmental violations and damages due to the operation of Khairagura OCP.

**22.7 Provision towards Performance Related Pay (PRP) (Executives):**

- i) The carrying amount of the provision represents the amounts payable to Executives of the Company as part of Revised Pay Package which was adopted by Company on par with other Central Public Sector Units as per 2<sup>nd</sup> and 3<sup>rd</sup> PRC in respect of the period from 01.01.2007 upto 31.03.2014 for Rs.67.95 Crore, Rs.53.48 Crore for FY 2021-22 and Rs.117.39 Crore for FY 2022-23.
- ii) During the year, payments of PRP for FY 2019-20 for an amount of Rs.79.63 Crore were released. The remaining surplus provision of Rs.0.18 Crore was withdrawn and credited to the Statement of Profit and Loss of the current year.



*Notes to the Standalone financial statements for the year ended 31<sup>st</sup> March, 2023 (Contd...)*

- iii) Pending receipt of approval from the Designated Authority, Rs.117.39 Crore is provided for the year 2022-23 as per the procedure prescribed DPE Guidelines considering Operating Profit for the current year (i.e. Profit Before Tax after excluding interest earned on Idle Cash, Deposits/Investments). (Previous Year - Rs.53.48 Crore)

**22.8 Contributory Post Retirement Medicare Benefit Scheme (Non Executives):**

- i) As per the terms of NCWA X wage agreement concluded in the year 2017-18, the Company has to contribute an amount of Rs.18,000/- per employee who was on roll as on 01.07.2016 or has joined thereafter to the Contributory Post Retirement Superannuation Medicare Scheme (CRPMS-NE).
- ii) Upto FY 2020-21, the company had recognized Provision towards the contributory liability of Rs.18,000/- only treating the same as a Defined Contribution Plan. However, the constructive obligation of the Company in respect of the designated medical benefit of Rs.8.00 Lakhs / per employee or such lower amount, as the case may be, as per the Scheme guidelines, in respect of both on roll and not on roll Employees (Card Holders) is being recognized as 'Defined Benefit Obligation' based on the Actuarial Valuation from FY 2021-22 onwards.

**22.9 Executives' Superannuation Benefit Scheme (EDCPS):**

- i) Owing to non-formulation of the Modalities of the scheme, the Superannuation Benefit contributions (Executives) have remained payable in the books. Recently, the Company has formulated a scheme "SCCL Executives Defined Contribution Pension Scheme 2007" and the activities related to the implementation of the scheme are in progress.
- ii) During the year, the remittance of Monthly contributions to EDCPS Fund Manager (LIC) have commenced. The total amount of contributions payable to the Superannuation Benefit Scheme up to 31.03.2023 amounted to Rs.324.38 Crore (Previous year Rs.324.38 Crore). Out of which, Rs.10.00 Crore was deposited to Trust Account as initial contribution in FY 2019-20. During the year 2020-21, 2021-22 and 2022-23, the contributions of Rs. 62.47 Crore, Rs.5.51 Crore and Rs.11.03 Crore respectively, relating to NOR employees (Retirements/Deaths) have been remitted to EDCPS Trust Account or paid to the nominees of the concerned Ex-executives, as the case may be. The Net contributions outstanding to be deposited as on 31.03.2023 amounted to Rs.235.38 Crore which was carried as a provision as on the Reporting Date (Previous year Rs.246.40 Crore).
- iii) As there exists constructive obligation to deposit the contributions to the Trust along with interest, the Company is providing for compensatory interest. Upto FY 2021-22, an amount of Rs.149.63 Crore was provided for. During the year, considering the procedure adopted by Coal India Limited for remittance of compensatory interest in pursuance of MoC approval, the Senior Officers Committee has recommended the modalities to be adopted in the Company for payment of compensatory interest. Considering the recommendations of the Senior Officers Committee, the compensatory interest payable upto FY 2022-23 has worked out to Rs.140.91 Crore only and hence, the surplus provision of Rs.8.71 Crore was withdrawn and credited to the Statement of Profit and Loss for the year 2022-23 (Previous Year Provision of Rs.21.19 Crore).

**22.10 Provision for Pay Revision Arrears (NCWA-XI):**

Pay Revision Provision (NCWA XI) represents the provision made towards Pay Revision Arrears against NCWA-XI applicable from 01.07.2021. The Provision is made for the period from July, 2021 to March, 2023, considering the fitment benefit of 19% finalized in 10th meeting of JBCCI held on 19.05.2023 and the allowances and other benefits agreed upon. During the year, an amount of Rs.1,104.86 Crore is provided including topping up of provision made in FY 2021-22 based on the finalized wage agreement.



*Notes to the Standalone financial statements for the year ended 31<sup>st</sup> March, 2023 (Contd...)*

22.11 Considering the Pay Revision Agreement concluded by JBCCI on 20.05.2023 which is applicable for NCWA-XI i.e. from 01.07.2021, the incremental liability on the Actuarial valuation of the various Defined Benefit obligations as on the Reporting Date i.e. 31.03.2023 have been transacted in the Books of Account of FY 2022-23, considering the same as an 'Adjusting Event After the Reporting Date' as per the provisions of Ind AS-10 (Refer Note No.30.1 and Note No.38A.1).

22.12 Royalty on Closing Stock of Coal at Mines/CSPs amounting to Rs.207.61 Crore was not transacted in the Books (Previous year Rs.120.56 Crore) (Restated).

**NOTE 23: OTHER NON - CURRENT LIABILITIES**

(Rs. in Crore)

| Particulars    | As at 31.03.2023 | As at 31.03.2022 |
|----------------|------------------|------------------|
| Deferred Grant | -                | -                |
| <b>Total</b>   | <b>-</b>         | <b>-</b>         |

**NOTE 24: OTHER CURRENT LIABILITIES**

(Rs. in Crore)

| Particulars                               | As at 31.03.2023 | As at 31.03.2022 |
|---|------------------|------------------|
| Statutory Dues                            | 2,334.29         | 3,693.20         |
| Advances from Coal Customers              | 1,519.35         | 1,482.72         |
| Advances from Others                      | 19.85            | 31.15            |
| Liability for unspent CSR                 | 69.91            | 59.81            |
| Deferred Govt Grant (VGF - Solar)         | 15.09            | 16.50            |
| Provision towards Other taxes (Entry Tax) | 196.51           | 196.51           |
| <b>Total</b>                              | <b>4,155.00</b>  | <b>5,479.89</b>  |

24.1 Statutory dues includes Royalty of Rs.NIL (Previous Year Rs.1,755.12 Crore), DMFT of Rs.1,497.72 Crore (Previous Year Rs.1,008.57 Crore), NMET of Rs.144.97 Crore (Previous Year Rs.97.79 Crore) and Forest Permit Fee of Rs.NIL (Previous Year Rs.176.51 Crore) remittance of which could not be made due to delay in realization of dues from customers.

24.2 Deferred Government Grant - Current (VGF - Solar) represents the proceeds of Viability Gap Funding received from M/s. SECI towards 1<sup>st</sup> Instalment against the setting up of 3<sup>rd</sup> Phase of Solar Plants. Out of the total proceeds of VGF received during the year 2021-22 of Rs.27.37 Crore, after setting of Capital Expenditure incurred upto 2022-23 of Rs.12.28 Crore (Previous Year of Rs.10.87 Crore), the remaining Proceeds of VGF Grant of Rs.15.09 Crore (Previous Year Rs.16.50 Crore) have been recognized and presented as 'Deferred Government Grants - Current' which would be netted off against the expenditure to be incurred in due course (Refer Note No.4.2 & 39.5.2A.4).

24.3 Liability for unspent CSR represents the Unspent amounts against the Ongoing Works sanctioned under CSR Budget for the Year 2022-23 of Rs.32.61 Crore, 2021-22 of Rs.23.50 Crore and the balance of provision made in FY 2019-20 & FY 2020-21 of Rs. 10.62 Crore & Rs.3.18 Crore respectively (Previous year Rs.59.81 Crore).

These Unspent amounts of FY 2022-23 of Rs. 32.66 Crore have been deposited in the separate "Unspent CSR Bank Account 2022-23" opened with SBI, Kothagudem on 29.04.2023. The unspent amounts of CSR of FY 2021-22 of Rs.23.66 Crore were also carried in the unspent CSR Bank Account 2021-22. Further, the unspent amounts of CSR of FY 2019-20 & 2020-21 of Rs.14.17 Crore were also carried in the unspent CSR Bank Account of 2020-21. (Refer Note no 14.5 & 39.5.15).



Notes to the Standalone financial statements for the year ended 31<sup>st</sup> March, 2023 (Contd...)

## NOTE 25: CURRENT TAX LIABILITIES (NET)

(Rs. in Crore)

| Particulars                                | As at 31.03.2023 | As at 31.03.2022 |
|--|------------------|------------------|
| Provision for Income Tax                   | -                | -                |
| Less: Advance tax paid Including TDS & TCS | -                | -                |
| <b>Total</b>                               | <b>-</b>         | <b>-</b>         |

## NOTE 26: REVENUE FROM OPERATIONS

(Rs. in Crore)

| Particulars |  | 2022-23  |                  | 2021-22  |                  |
|-------------|--|----------|------------------|----------|------------------|
| <b>(A)</b>  | <b>Sale of Coal:</b>                             |          |                  |          |                  |
| 1.          | <b>Turnover (Gross)</b>                          |          | 26,515.53        |          | 20,986.00        |
| 2.          | <b>Adjustments for Variance Consideration</b>    |          |                  |          |                  |
|             | i) Penalty for Short lifting of Coal             | 5.04     |                  | 8.41     |                  |
|             | ii) Bonus for Supply of Coal                     | 179.23   |                  | 29.67    |                  |
|             | iii) Provision for Shale/ Stone & Grade Variance | (378.72) | (194.45)         | (48.52)  | (10.44)          |
|             | <b>Total (1+2)</b>                               |          | <b>26,321.08</b> |          | <b>20,975.56</b> |
|             | <b>Less : Statutory Levies:</b>                  |          |                  |          |                  |
|             | i) Royalty                                       | 2,107.85 |                  | 1,786.19 |                  |
|             | ii) GST Compensation Cess                        | 2,449.23 | 4,557.08         | 2,405.61 | 4,191.80         |
|             | <b>Total - Sales (Coal)</b>                      |          | 21,764.00        |          | 16,783.76        |
|             | <b>Less: Transfer to Development</b>             |          | -                |          | 155.38           |
|             | <b>Net Sales – Coal (A)</b>                      |          | <b>21,764.00</b> |          | <b>16,628.38</b> |
| <b>(B)</b>  | <b>Sale of Power:</b>                            |          |                  |          |                  |
|             | i) Thermal (STPP)                                |          | 4,395.86         |          | 3,833.37         |
|             | ii) Solar Banked Units                           |          | 19.40            |          | 27.71            |
|             | <b>Net Sales – Power (B)</b>                     |          | 4,415.26         |          | 3,861.08         |
| <b>(C)</b>  | <b>Income from Services:</b>                     |          |                  |          |                  |
|             | Consultancy Services                             |          | 6.25             |          | 5.64             |
|             | <b>Total (A+B+C)</b>                             |          | <b>26,185.51</b> |          | <b>20,495.10</b> |

- 26.1 The Gross Turnover of Coal presented above is net of Goods and Services Tax (GST).
- 26.2 The Company has not opted for Regulatory Deferral Accounting given under Ind AS 114 in respect of Thermal Power Plant Operations as per the option permitted under Ind AS at the time of implementation in FY 2016-17 which was also the year of commencement of Power Plant Operations. The Company is recognizing Revenue from Sale of Power as per Ind AS-115 - Revenue from Contracts with Customers.
- 26.3 The value of coal transfer to STPP for internal Consumption of Rs.2,709.57 Crore is adjusted against consumption of Raw materials at STPP (PY Rs.2,174.44 Crore-Restated).
- 26.4 The Company had filed Mid-Term Review (MTR) Petition in respect of the control period 2019-24 on 30.11.2022. The Hon'ble TSERC issued Order on 23.03.2023 on the Mid-Term Review Petition filed by the Company. In the MTR order issued by the Hon'ble TSERC, the rightful claims of the Company towards additional capital cost, capital liability discharged, O&M Expenses, effective Income Tax on the Return on Equity have not been allowed. The Company is in the process of filing Review Petition before the Hon'ble TSERC seeking review of rightful claims disallowed.

*Notes to the Standalone financial statements for the year ended 31<sup>st</sup> March, 2023 (Contd...)*

However, the impact of the Mid Term Review Order is transacted in the Books of Accounts of FY 2022-23 as per the decision of the Hon'ble TSERC on various elements including admittance of the restructuring cost of Term Loans of Rs.77.84 Crore. After setting off of the liability towards 2/3<sup>rd</sup> savings in interest already provided for in earlier years of Rs 69.04 Crore, additional Revenue of Rs 20.35 Crore is recognized from Sale of Power covering the period upto FY 2021-22. (Refer Note No.8.3 & 31.II.1).

In addition, the Billed Revenue of FY 2022-23 is also reduced by Rs 64.89 Crore towards reduction in Annual Fixed Charges. Hence, the net reduction in Revenue on account of Mid Term Review Order transacted in the Books of Accounts of FY 2022-23 is Rs 44.54 Crore.

- 26.5 The Billing Disputes Petition filed by the Company before the Hon'ble TSERC on the claims disallowed by TSPCC upto FY2018-19 was decided by the Hon'ble TSERC vide its Order dated 21.11.2022. The claims of the Company towards Additional Coal Cost on actual Generation in excess of Scheduled Generation, Incentive upon that excess generation and water cess and Taxes of Rs 3.28 Crore have been disallowed and have been written off as Bad debts in FY 2022-23.

Though the Bills for Actual Generation beyond Scheduled Generation is disallowed by Hon'ble TSERC, the Actual Metered Energy (JMR) is accepted by TSDISCOMs post award of TSERC Order and hence these claims are considered as realizable dues. Further, the claims for additional coal cost upto scheduled generation of Rs 119.74 Crore is considered as allowed by the Hon'ble TSERC as per the interpretation of the TSERC Order by the Company.

However, TSPCC has denied the claim made by the Company as per the interpretation of TSERC Order, stating that the additional coal cost upto the Scheduled Generation also is disallowed by the Hon'ble TSERC. On this denial of claim by TSPCC for an amount of Rs 119.74 Crore, a Clarification Petition is filed before the TSERC on 08.06.2023 and pending the clarification order to be issued by Hon'ble TSERC, the management is of the view that no provision/ reversal of the revenue is required, as the amounts have been appropriately billed and also allowed by the TSERC. These dues have been classified and presented as ' Trade Receivable(Power) – Disputed - considered good. (Refer Note No.12.B4)

- 26.6 Against the sale of power billed to TSDISCOMS during the FY 2021-22 and FY 2022-23, the TSDISCOMS have filed a petition (OP No. 13 of 2023) on 05.05.2023, requesting the Hon'ble TSERC to direct the Company to change the coal supply being made to its Thermal Power Plant (STPP) at the notified basic price corresponding to the coal grade being supplied without any additional charge/ premium, for the period FY 2021-22 to till the date of operationalization of Naini Coal Block and later to adopt the CERC Input Price determination methodology. On the petition filed by the TSDISCOMS, Hon'ble TSERC has advised the Company to submit it's counter and the same in process. The management is of the view that as the bills of the cost of coal have been raised appropriately as per the bridge linkage in lieu of Naini Coal Block supplies as per the MOU Terms and conditions, no provision/ reversal of the Revenue is required. The provisional amount of dispute involved is Rs 407.93 Crore. These dues have been classified and presented as ' Trade Receivable(Power) – Disputed - considered good. (Refer Note No.12.B4)
- 26.7 Sale of Solar Banked Units of Rs.19.40 Crore mentioned above represents the value of Banked units taken over by TSDISCOMs after reducing applicable Banking charges @ Rs.4.501/unit under Long Term Open Access Agreement (Previous Year Rs.27.71 Crore @ Rs.4.32/unit).



Notes to the Standalone financial statements for the year ended 31<sup>st</sup> March, 2023 (Contd...)

**Disaggregated Revenue Information as per Ind AS 115 – “Revenue from Contracts with Customers”:**

(Rs. in Crore)

| Particulars  | 2022-23          | 2021-22          |
|--|------------------|------------------|
| <b>Types of goods or services</b>                  |                  |                  |
| – Coal   | 21,764.00        | 16,628.38        |
| – Power  | 4,395.86         | 3,833.37         |
| – Solar  | 19.40            | 27.71            |
| – Others   | 6.25             | 5.64             |
| <b>Total Revenue from Contracts with Customers</b> | <b>26,185.51</b> | <b>20,495.10</b> |
| <b>Types of Customers for coal</b>                 |                  |                  |
| – Power sector                                     | 15,619.55        | 12,227.09        |
| – Non Power Sector                                 | 6,144.44         | 4,401.29         |
| <b>Types of Customers for Power</b>                |                  |                  |
| – Electricity distribution companies               | 4,415.26         | 3,861.08         |
| <b>Types of Customers for Services</b>             |                  |                  |
| – Consultancy income                               | 6.25             | 5.64             |
| <b>Total Revenue from Contracts with Customers</b> | <b>26,185.51</b> | <b>20,495.10</b> |
| <b>Types of Contracts of Coal</b>                  |                  |                  |
| – Fuel Supply Agreements                           | 20,312.39        | 15,596.83        |
| – E Auction/E Linkage                              | 1,107.59         | 766.35           |
| – Others   | 344.02           | 265.20           |
| <b>Types of Contract for Power</b>                 |                  |                  |
| – Power Purchase Agreement                         | 4,395.86         | 3,833.37         |
| – Long Term Open Access Agreement                  | 19.40            | 27.71            |
| <b>Types of Contract for Services</b>              |                  |                  |
| – Others   | 6.25             | 5.64             |
| <b>Total Revenue from Contracts with Customers</b> | <b>26,185.51</b> | <b>20,495.10</b> |
| <b>Timing of Goods or Services</b>                 |                  |                  |
| – Goods transferred at a point in time (Coal)      | 21,764.00        | 16,628.38        |
| – Goods transferred over time (Power)              | 4,395.86         | 3,833.37         |
| – Goods transferred at a point in time(Solar)      | 19.40            | 27.71            |
| – Services completed over time (services)          | 6.25             | 5.64             |
| <b>Total Revenue from Contracts with Customers</b> | <b>26,185.51</b> | <b>20,495.10</b> |

Notes to the Standalone financial statements for the year ended 31<sup>st</sup> March, 2023 (Contd...)**NOTE 27: OTHER INCOME**

(Rs. in Crore)

| Particulars |   | 2022-23 |                 | 2021-22 |                 |
|-------------|---|---------|-----------------|---------|-----------------|
| <b>(a)</b>  | <b>Interest Income</b>  |         |                 |         |                 |
|             | Interest on Investments (Non-trade)                               | 191.52  |                 | 260.25  |                 |
|             | Interest on Term Deposits   | 75.96   |                 | 86.15   |                 |
|             | Interest on Sundry Debtors for Coal, Loans, Advances to others    | 64.51   |                 | 48.47   |                 |
|             | Interest on deposit with LIC(ETB)                                 | 449.23  |                 | 305.53  |                 |
|             | Interest on Income Tax Refund                                     | -       | 781.22          | 4.74    | 705.14          |
| <b>(b)</b>  | <b>Income from Mutual Funds - Measured at FVTPL</b>               |         | <b>9.88</b>     |         | <b>0.34</b>     |
| <b>(c)</b>  | <b>Other non-operating Income</b>                                 |         |                 |         |                 |
|             | Rents   | 11.11   |                 | 9.31    |                 |
|             | Rent from Investment Properties                                   | 2.46    |                 | 1.02    |                 |
|             | Electricity & Fuel  | 14.60   |                 | 13.00   |                 |
|             | Water Charges   | 0.80    | 28.97           | 0.93    | 24.26           |
|             | Sale proceeds of Fly Ash  | 28.76   |                 | 9.96    |                 |
|             | Interest accrued on FD made from fly ash proceeds                 | 0.48    |                 | -       |                 |
|             | <b>Less: Transferred to Fly Ash Reserve</b>                       | (29.24) | -               | (9.96)  | -               |
| <b>(d)</b>  | <b>Provisions and Liabilities no longer required written back</b> |         | <b>1,564.97</b> |         | <b>545.87</b>   |
| <b>(e)</b>  | <b>Miscellaneous income</b>                                       |         |                 |         |                 |
|             | Profit on Sale of Property, Plant and Equipment                   | 1.69    |                 | 3.05    |                 |
|             | Sale of Scrap   | 65.76   |                 | 45.80   |                 |
|             | Penalties recovered from Contractors & Vendors                    | 79.67   |                 | 50.03   |                 |
|             | Service Charges E-Auction Coal                                    | 12.66   |                 | 10.17   |                 |
|             | Other Miscellaneous Receipts                                      | 11.80   | 171.58          | 8.64    | 117.69          |
| <b>(f)</b>  | <b>Subsidy from CCDAC for Protective/Other works etc.</b>         |         | <b>13.34</b>    |         | <b>1.82</b>     |
|             | <b>Total</b>  |         | <b>2,569.96</b> |         | <b>1,395.12</b> |

27.1 Income from Mutual Funds includes an amount of Rs.0.27 Crore towards Fair Value adjustment as on 31.03.2023 recognised through Statement of Profit and Loss (FVTPL) (PY - NIL).

27.2 **Provisions written back include:**

- i) Withdrawal of Provision for Impairment recognized in the earlier years on Buildings, Roads, Development expenditure of Rs.104.77 Crore and on Site Restoration Assets (MCP) of Rs.55.65 Crore in respect of Loss making UG Mines corresponding to the amount of depreciation charged / regularized during the year.(Refer Note No.31A-2)
- ii) Withdrawal of provision for Backfilling at Medipalli OCP for an amount of Rs.1188.15 Crore due to change in the Site Restoration obligation from Backfilling to waterbody maintenance with adequate Engineering interventions for sustenance of aquatic life in pursuance of revised EAC Minutes. Further, Waterbody provision of an amount of Rs.7.91 Crore in respect of MNG OC, is withdrawn consequent to adoption of revised mine life. (Refer Note No.22.2 (b) (iii) & (iv)).
- iii) Withdrawal of provision made for Mine Closure obligation (MCP) of Rs.88.00 Crore consisting of withdrawal of provision of Rs.3.65 Crore on account of adoption of Revised Mine lives/ Revised Escrow Agreements and withdrawal of provision of Rs.84.35 Crore on account of specific reassessment of Final Mine Closure obligation in respect of Mines nearing completion (Refer Note No.22.3 (iii), (iv) & (v)).



*Notes to the Standalone financial statements for the year ended 31<sup>st</sup> March, 2023 (Contd...)*

- iv) Withdrawal of provision made for Impairment of infructuous capital expenditure incurred on the non-viable Coal Blocks (New Patrapara, Odisha and Penagadapa, Telangana) surrendered to Govt. of India for an amount of Rs.57.20 Crore consequent to write off of the expenditure not collectable from the future allottees during the year (Refer Note No.36.3).
- v) Withdrawal of provision of Rs.22.65 Crore recognised in earlier years towards Employers' Contribution of CMPF on Not Onroll Leave Encashment which is no longer required to be maintained as the issue is closed at CIL. Further, an amount of Rs.8.71 Crore towards surplus provision towards Compensatory Interest on the accumulated EDCPS contributions as per the modalities recommended by the Senior Officers Committee.
- vi) Withdrawal of provision made towards grade deterioration of Rs.3.54 Crore in respect of non-saleable firey Washery Rejects at Manguru Washery, as the Washery Rejects have been disposed off during the year by blending with higher grade coal (Refer Note No.11.2)
- vii) Miscellaneous Credits and Unclaimed amounts taken into Company's account for Rs.17.36 Crore (Previous year Rs.16.20 Crore).
- 27.3 Subsidy receivable against the Revenue protective works of Rs.7.69 Crore is recognised during the year as per the approved minutes of CCDAC (Previous Year Rs.1.82 Crore). In addition, the capital grants approved by CCDAC during the year have been set off against corresponding carrying amounts of Assets (WDV) and the surplus grants of Rs.5.65 Crore, remaining after set off against the carrying amount of the respective Assets have been transacted in the Statement of Profit & Loss as Revenue Grant.
- 27.4 As per the accounting policy followed by the Company, interest on belated payment of Coal dues is recognised on realization in view of the uncertainty involved in the ultimate collection as per the Accounting Policy No.2.2.1 F (a). During the year, interest accrued on the delayed payment of Coal dues from M/s.TSGENCO of Rs.1232.00 Crore is waived off by the Board of Directors in their meeting held on 29.07.2022 considering the request from TSGENCO upon settlement of total pending dues.
- 27.5 During the year, TSPCC has paid an amount of Rs.318.62 Crore in instalments towards liquidation of arrears of power dues without considering the Electricity (Late Payment Surcharge and Related Matters) Rules, 2022. Since the amounts are paid towards power dues only, no late payment surcharge revenue is recognized as per the Accounting Policy of the Company as at 2.2.1.F(b).

**NOTE 28: COST OF MATERIALS CONSUMED**

(Rs. in Crore)

| Particulars                      | 2022-23         | 2021-22         |
|----------------------------------|-----------------|-----------------|
| Stores & Spares                  | 599.18          | 647.26          |
| Explosives                       | 1,613.25        | 821.60          |
| Petrol, Oil and Lubricants (POL) | 4,270.17        | 3,053.16        |
| Internal Consumption of Coal     | 0.01            | 0.02            |
| Others                           | 1.73            | 13.07           |
| <b>Total</b>                     | <b>6,484.34</b> | <b>4,535.11</b> |

**NOTE 29: CHANGES IN INVENTORIES OF FINISHED GOODS**

(Rs. in Crore)

| Particulars                               | 2022-23         | 2021-22        |
|---|-----------------|----------------|
| Opening Stock                             | 910.46          | 888.29         |
| <b>Less:</b> Internal Consumption of Coal | 0.01            | 0.01           |
| <b>Less:</b> Closing Stock                | 1549.24         | 910.46         |
| <b>Total</b>                              | <b>(638.79)</b> | <b>(22.18)</b> |

*Notes to the Standalone financial statements for the year ended 31<sup>st</sup> March, 2023 (Contd...)*

29.1 The above change in the Inventory includes the impact of change in the Accounting Policy relating to valuation of Closing Stock by Rs.51.25 Crore (increase) for FY 2022-23 and Rs.6.35 Crore (reduction) for the comparative year FY 2021-22 (Refer Note No.39.6.5).

**NOTE 30: EMPLOYEE BENEFITS EXPENSE**

(Rs. in Crore)

| Particulars   | 2022-23         | 2021-22         |
|---|-----------------|-----------------|
| Salaries, Wages and Allowances                            | 3,701.77        | 3,427.62        |
| Pay Revision Provision (NCWA XI)                          | 1,104.16        | 432.03          |
| CMPF, CMPS and Administrative charges                     | 652.28          | 660.81          |
| Leave Entitlements  | 402.86          | 375.36          |
| Attendance Bonus  | 203.45          | 204.47          |
| Performance Linked Reward (PLR)                           | 315.23          | 296.26          |
| Gratuity  | 355.68          | 343.39          |
| Superannuation Benefit ( EDCPS, CPRMS (E&NE))             | 141.21          | 142.12          |
| Workmen's Compensation, GIS & GPAIS                       | 0.93            | 2.19            |
| Special Incentive & PRP                                   | 794.13          | 418.44          |
| Directors' Remuneration                                   | 2.22            | 2.04            |
| Life cover premia under Gratuity Scheme with LIC          | 16.61           | 13.49           |
| <b>Social Amenities:</b>                                  |                 |                 |
| Employee Welfare Expenses                                 | 134.58          | 121.38          |
| Employee Hospital Expenses                                | 125.39          | 144.47          |
| Lumpsum/ Monthly Monetary Compensation for dependants     | 150.12          | 72.33           |
| Grants to Singareni Collieries Educational Society (SCES) | 30.86           | 32.66           |
| <b>Total</b>  | <b>8,131.48</b> | <b>6,689.06</b> |

- 30.1 Pay Revision Provision (NCWA XI) represents the provision made towards Pay Revision Arrears against NCWA-XI applicable from 01.07.2021. The Provision is made for the period from July, 2021 to March, 2023, considering the fitment benefit of 19% and other allowances finalized in 10th meeting of JBCCI held on 19.05.2023. During the year, an amount of Rs.1,104.86 Crore is provided including updating of provision made in FY 2021-22 based on the finalized wage agreement (Refer Note No.22.10)
- 30.2 Considering the Pay Revision Agreement concluded by JBCCI on 20.05.2023 which is applicable for NCWA-XI i.e. from 01.07.2021, the incremental liability on the Actuarial valuation of the various Defined Benefit obligations as on the Reporting Date i.e. 31.03.2023, Leave Entitlements (Non vesting) - Rs.14.70 Crore, LTC/LLTC - Rs.18.03 Crore, Settling in allowance - Rs.30.17 Crore and MMC - Rs.58.30 Crore) have been transacted in the Books of Account of FY 2022-23 considering the same as an 'Adjusting Event After the Reporting Date' as per Ind AS-10 (Refer Note No.22.11).



Notes to the Standalone financial statements for the year ended 31<sup>st</sup> March, 2023 (Contd...)

## NOTE 31: FINANCE COSTS

(Rs. in Crore)

| Particulars |   | 2022-23         | 2021-22         |
|-------------|---|-----------------|-----------------|
| <b>I.</b>   | <b>Interest Expense</b>                       |                 |                 |
|             | Interest on Secured Loans                     | 244.10          | 294.33          |
|             | Interest on Unsecured Loans                   | -               | 27.94           |
|             | Interest on Cash Credit facilities            | 0.18            | 0.05            |
|             | Interest on Others                            | 5.09            | 1.34            |
|             | Unwinding Cost - Back filling provision       | 756.92          | 607.07          |
|             | Unwinding Cost - Mine closure provision       | 102.54          | 107.13          |
|             | Unwinding Cost - Water Body                   | 410.92          | 284.32          |
|             | Unwinding Cost - Leases                       | 1.50            | 1.40            |
| <b>II.</b>  | <b>Other Borrowing Costs</b>                  |                 |                 |
|             | Loan Processing Charges / Other Finance Costs | 79.48           | 2.52            |
|             | <b>Total</b>                                  | <b>1,600.73</b> | <b>1,326.10</b> |

31.II.1 Other borrowing costs include, Restructuring Costs of Term Loans (STPP) being the Pre-payment Charges of Rs.74.70 Crore paid to M/s PFC and Tax burden amount of Rs.3.14 Crore paid to M/s REC aggregating to Rs.77.84 Crore in FY 2020-21 is admitted by Hon'ble TSERC in the Mid-Term Review Order dated 23.03.2023. The same is regularized and Revenue from Sale of Power is recognised. (Refer to Note no 26.4 and Note no 8.3).

## NOTE 31A: DEPRECIATION AND AMORTISATION EXPENSES

(Rs. in Crore)

| Particulars |  | 2022-23         | 2021-22         |
|-------------|--|-----------------|-----------------|
|             | Deprecation on PPE                         | 1,367.97        | 1,312.78        |
|             | Deprecation on Site Restoration Assets     | 866.64          | 312.49          |
|             | Deprecation on Right of Use Assets         | 16.09           | 14.90           |
|             | Amortisation of Intangible Assets          | 27.79           | 0.42            |
|             | Deprecation on Investment Properties       | 1.04            | 0.02            |
|             | <b>Total - (A)</b>                         | <b>2,279.53</b> | <b>1,640.61</b> |
|             | <b>Less : Capitalised Depreciation (B)</b> | <b>3.11</b>     | <b>20.85</b>    |
|             | <b>Total (A-B)</b>                         | <b>2,276.42</b> | <b>1,619.76</b> |

31A.1 Depreciation on PPE includes depreciation on Significant Spares of Rs.69.21 Crore which have been capitalized during the year of Rs.20.15 Crore in pursuance of modification of Accounting policy on PPE / Depreciation as at 2.2.3.C. (Refer Note No.3.5).

31A.2 Depreciation on PPE and Site Restoration Assets includes the depreciation charged on the Impaired Assets during the year of Rs.104.77 Crore and Rs.55.65 Crore respectively. The corresponding Impairment provision made in the previous years was withdrawn and credited to Statement of Profit & Loss of current year (Refer Note No.27.2 (i)).

## NOTE 32: POWER & FUEL

(Rs. in Crore)

| Particulars |  | 2022-23       | 2021-22       |
|-------------|--|---------------|---------------|
|             | Electricity charges                        | 412.82        | 386.02        |
|             | SLDC & Transmission Charges – Solar Energy | 14.25         | 8.33          |
|             | Others                                     | -             | 0.03          |
|             | <b>Total</b>                               | <b>427.07</b> | <b>394.38</b> |



*Notes to the Standalone financial statements for the year ended 31<sup>st</sup> March, 2023 (Contd...)*

32.1 Expenditure on Solar Power Plants of Rs.67.22 Crore is presented in the natural heads of expenditure (Previous Year Rs.68.85 Crore) i.e. Interest of Rs.9.91 Crore (Previous Year Rs.27.28 Crore), Depreciation of Rs.36.11 Crore (Previous Year Rs.29.77 Crore), transmission charges of Rs.14.25 Crore (Previous Year Rs.8.33 Crore), O&M charges of Rs.2.73 Crore (Previous Year Rs.0.98 Crore) and other expenditure of Rs.4.22 Crore (Previous Year Rs.2.49 Crore).

**NOTE 33: REPAIRS & MAINTENANCE**

(Rs. in Crore)

| Particulars       | 2022-23       | 2021-22       |
|-------------------|---------------|---------------|
| Plant & Equipment | 186.37        | 147.30        |
| Buildings         | 82.30         | 71.65         |
| Railway Sidings   | 3.29          | 5.75          |
| Others            | 0.50          | 0.41          |
| <b>Total</b>      | <b>272.46</b> | <b>225.11</b> |

**NOTE 34: CONTRACTUAL EXPENSES**

(Rs. in Crore)

| Particulars   | 2022-23         | 2021-22         |
|---|-----------------|-----------------|
| Coal Offloading   | 255.17          | 205.96          |
| OBR Offloading  | 1,773.56        | 1,624.67        |
| Top Soil Rehandling   | 9.19            | 6.41            |
| Transportation Charges  | 286.26          | 360.82          |
| Hiring of Heavy Earth Moving Machinery (HEMM), Weighbridge and others | 287.94          | 257.31          |
| <b>Operations and Maintenance expenses:</b>                           |                 |                 |
| Adriyala Longwall Project   | 152.83          | 104.72          |
| Singareni Thermal Power Plant   | 94.76           | 89.78           |
| Solar power plants  | 2.95            | 0.98            |
| Security Services   | 90.31           | 82.71           |
| Others  | 11.18           | 28.02           |
| <b>Total</b>  | <b>2,964.15</b> | <b>2,761.38</b> |

34.1 Expenditure incurred on Hiring of HEMM & Others above are presented net of the payments towards Lease Elements during the year of Rs.17.74 Crore (Previous Year Rs. 16.19 Crore - Restated). (As per the requirement of Ind AS-116 – “Leases”).

**NOTE 35: PROVISIONS**

(Rs. in Crore)

| Particulars  | 2022-23       | 2021-22       |
|--|---------------|---------------|
| Obsolete Stores  | 17.15         | -             |
| Shortage and Theft of Stores Material                        | -             | 0.03          |
| Doubtful Debts / Advances (Expected Credit Loss)             | 57.06         | 48.22         |
| Impairment - Site Restoration Cost (MCP-UG)                  | 8.04          | 130.11        |
| Impairment of Other Mining Infrastructure (Development - UG) | 28.16         | 503.98        |
| Impairment P&M, Buildings & Others                           | 32.78         | 17.85         |
| Impairment of CWIP (Development Expenditure)                 | 0.18          | 106.99        |
| <b>Total</b>   | <b>143.37</b> | <b>807.18</b> |



*Notes to the Standalone financial statements for the year ended 31<sup>st</sup> March, 2023 (Contd...)*

- 35.1 Provision towards Doubtful Debts and Advances (Expected Credit Loss) - represents the Provision recognized against the long outstanding Disputed Coal Dues from Power Generating Companies of Rs.40.44 Crore as there is significant uncertainty as to the collection of the dues. (Previous Year 43.03 Crore).

Balance provision of Rs.16.62 Crore includes the long outstanding dues towards Rent, Electricity and Water supply charges of Rs.2.52 Crore (Previous Year Rs.1.62 Crore), Dues from OB Contractor towards Service Tax remitted to the Dept. of Rs.1.60 Crore, Pre-GST VAT and CST Receivables of Rs.7.70 Crore, 2% Banking charges on the Solar Banked units revenue recognized upto FY 2021-22 of Rs.0.64 Crore, HRA excess payment recoverable of Rs.3.70 Crore and Advances paid to Vendors/Railways of Rs.0.30 Crore as the collection of which is considered as uncertain.

- 35.2 Provision for Impairment of CWIP (Development Expenditure) of Rs.106.99 Crore of the Previous year includes Provision made towards the Impairment of infructuous Capital Expenditure incurred on the non-viable Coal Blocks surrendered to Govt. of India of Rs.99.42 Crore (i.e., New Patrapada, Odisha State and Penagadapa, Telangana State) which was transacted as an 'Adjusting Event after the Reporting Date' as per Ind AS-10, in FY 2021-22.

**NOTE 36: WRITE-OFFS**

(Rs. in Crore)

| Particulars  | 2022-23      | 2021-22       |
|--|--------------|---------------|
| Bad & Doubtful Debts Written Off   | 5.00         | 331.20        |
| Assets / Stores Written Off  | 3.21         | 6.73          |
| Others (Infructuous Capital Expenditure of Surrendered non-viable coal blocks) | 63.14        | -             |
| <b>Total</b>   | <b>71.35</b> | <b>337.93</b> |

- 36.1 Write off of Bad and Doubtful debts includes write off of the Billing dispute claims disallowed by Hon'ble TSERC vide it's Order Dt. 21.11.2022 towards Incentive, additional coal cost beyond scheduled generation, licence fees and other cesses & taxes aggregating to Rs. 3.28 Crore (Refer Note No.26.5). Further, long outstanding dues towards Rent, Electricity, Water Supply charges from outside customers for an amount of Rs.1.72 Crore have been also written off in view of non-collectability.

Bad Debts Written-off in the previous year represents the write off of outstanding dues of Rs.331.20 Crore billed to M/s. TSGENCO in 2014-15 which were disputed due to State bifurcation related issues.

- 36.2 Assets Written-off include Obsolete Stores written off amounting to Rs.0.83 Crore (PY 5.40 Crore). The balance amount of Rs.2.38 Crore (Previous Year Rs.1.33 Crore) represents the write-off of carrying amount of PPE, Other Fixed Assets owing to surveyed off of Assets for obvious reasons and Assets not useful/non-retrievable on the closure of Mining Operations etc.

- 36.3 Other write offs during the year include write off of Infructuous Capital Expenditure incurred on non-viable Coal Blocks (i.e. New Patrapara, Odisha & Penagadapa, Telangana) surrendered to the Govt. of India, of Rs.62.81 Crore, which cannot be collected from the future allottees. Consequent to write off, the provision made in the earlier year towards Impairment of Rs.57.20 Crore is withdrawn and credited to the Profit & Loss Account of the Current Year. Hence, consequent to the write off the net impact on the profitability is Rs.5.61 Crore only (Refer Note No.27.2 (iv)).

**NOTE 37: OTHER EXPENSES**

(Rs. in Crore)

| Particulars |   | 2022-23 |               | 2021-22 |               |
|-------------|---|---------|---------------|---------|---------------|
| (a)         | Selling & Distribution                            |         | 64.20         |         | 54.65         |
| (b)         | Gain/Loss on Exchange Rate Variance               |         | 5.99          |         | (3.78)        |
| (c)         | Corporate Social Responsibility (CSR) Expenditure |         | 45.38         |         | 47.40         |
| (d)         | Donations   |         | 152.58        |         | 50.00         |
| (e)         | Payment to Auditors'                              |         |               |         |               |
|             | Statutory Audit Fee                               | 0.50    |               | 0.20    |               |
|             | Tax Audit Fee                                     | 0.01    |               | -       |               |
|             | Out of Pocket Expenses                            | 0.08    |               | 0.05    |               |
|             | Certification Fee                                 | 0.04    |               | 0.03    |               |
|             | Cost Audit Fee                                    | 0.05    | 0.68          | 0.03    | 0.31          |
| (f)         | Plantation/Horticulture Expenditure               |         | 18.43         |         | 17.01         |
| (g)         | <b>Taxes and Expenses of STPP</b>                 |         |               |         |               |
|             | i) Taxes on Coal consumed                         |         |               |         |               |
|             | Royalty - STPP                                    | 331.90  |               | 282.46  |               |
|             | Forest permit Fee –STPP                           | 5.42    |               | 5.38    |               |
|             | CMPS On Coal                                      | 5.42    | 342.74        | 5.38    | 293.22        |
|             | ii) Other Expenses at STPP                        |         |               |         |               |
|             | GST ITC Reversal-STPP                             | 150.17  |               | 116.40  |               |
|             | Shunting Charges-STPP                             | 8.92    | 159.09        | 7.64    | 124.04        |
| (h)         | Consultancy & Professional fee expenses           |         | 16.67         |         | 17.30         |
| (i)         | <b>Others:</b>                                    |         |               |         |               |
|             | Rents   | 0.48    |               | 0.63    |               |
|             | Insurance   | 13.87   |               | 14.01   |               |
|             | Rates & Taxes                                     | 20.11   |               | 22.71   |               |
|             | Travelling Expenses                               | 12.57   |               | 6.39    |               |
|             | Postage, Telegrams and Telephone                  | 4.70    |               | 4.59    |               |
|             | Legal Expenses                                    | 7.05    |               | 3.19    |               |
|             | Bank Charges and Commission                       | 4.19    |               | 2.23    |               |
|             | Directors' Travelling Expenses                    | 0.17    |               | 0.43    |               |
|             | Advertisements                                    | 2.69    |               | 1.94    |               |
|             | Research and Development Expenses                 | 5.93    |               | 4.30    |               |
|             | Journals and Periodicals                          | 0.30    |               | 0.20    |               |
|             | Printing and Stationary                           | 2.98    |               | 2.46    |               |
|             | Medical Expenditure                               | 0.38    |               | -       |               |
|             | CER/PH Commitments                                | 15.95   |               | -       |               |
|             | Other Expenses                                    | 20.29   | 111.66        | 7.60    | 70.68         |
|             | <b>Total</b>                                      |         | <b>917.42</b> |         | <b>670.83</b> |

37.1 CSR Expenditure includes an amount of Rs. 32.61 Crore (Previous year 34.71 Crore) being provision made towards the constructive obligation on account of works sanctioned as per CSR Policy during the year 2022-23 which have remained unspent (Ongoing works) as on 31.03.2023 and deposited to "Un-spent CSR Bank Account 2022-23", as per the amended provisions of CSR Rules (Refer Note no:14.5 and 24.3).

37.2 The Statutory Audit fee of FY 2022-23 includes an amount of Rs.0.15 Crore paid to the previous Statutory Auditors on account of enhancement fee from Rs.0.20 Crore to Rs.0.35 Crore.



*Notes to the Standalone financial statements for the year ended 31<sup>st</sup> March, 2023 (Contd...)*

37.3 Research and Development cost includes the expenditure incurred by the Company on setting up of Geo-Thermal Power Plant at Pagideru under S&T Project in addition to the grant of Rs.1.47 Crore released by M/s.CMPDIL to the Company which was inturn paid by the Company to the participating Agency M/s.Sriram Institute for Industrial Research. On grounding of the Project and successful implementation, the company is eligible to share of IP rights. In view of the uncertainty, the expenditure incurred by the Company amounting to Rs.0.39 Crore is charged off as Research and Development Expenditure.

**NOTE 38: EXCEPTIONAL ITEMS**

(Rs. in Crore)

| Particulars  | 2022-23         | 2021-22      |
|--|-----------------|--------------|
| Environment Remediation Plan Expenditure provision / (Withdrawal of Provision)                                       | 2.48            | (4.43)       |
| Provision against Penalty levied by Hon'ble National Green Tribunal (NGT) for EC Violation at JVR OCP/Khairagura OCP | 0.13            | 41.21        |
| Penalty levied against non-achievement of performance obligations at Adriyala Longwall Project.                      | (147.22)        | -            |
| <b>Total</b>   | <b>(144.61)</b> | <b>36.78</b> |

38.1 Environment remediation plan presented above represents provision for an amount of Rs.8.13 Crore made towards implementation of RP, CRAP, NCRAP & PH commitments in respect of the remaining Mines in Violation Category as reduced by the withdrawal of provision of Rs.5.65 Crore in respect of 6 Mines for which ECs were approved for four Mines by MoEF&CC and EAC/SEAC recommended ECs for six Mines during the year. (Refer No.22.4 and 39.10)

38.2 Provision for penalty levied by NGT presented above represents the provision recognized for an amount of Rs.0.13 Crore consequent to the notice issued by TSPCB on 05.06.2023 environmental violation observed at Kharagura OCP, in pursuance of Hon' NGT directions. (PY Penalty levied by NGT for EC violations at JVR OCP of Rs. 41.21 Crore) (Refer Note No.22.6 & Note No.39.10)

38.3 Penalty levied represents the forfeiture of 20% equipment value withheld of Euro 1,09,09,741.01 and invocation of Bank Guarantee of Euro 55,43,664.00 in pursuance of the decision taken by the Management to impose penalties against the non-achievement of performance obligations at Adriyala Longwall Project. The value of conversion to INR is Rs.147.22 Crore. (Refer Note No.39.10)

**NOTE 38A: OTHER COMPREHENSIVE INCOME (OCI)**

(Rs. in Crore)

| Particulars   | 2022-23         | 2021-22        |
|---|-----------------|----------------|
| <b>Items that will not be reclassified to Profit or Loss:</b> |                 |                |
| Remeasurement gains / (losses) on Defined Benefit Plans       |                 |                |
| a) Gratuity   | (353.52)        | 63.43          |
| b) Leave Encashment - Vesting                                 | (108.04)        | 6.49           |
| c) CPRMS (Executives)   | (6.84)          | (19.51)        |
| d) CPRMS (Non-Executives)                                     | (31.31)         | (98.93)        |
| <b>Sub-Total</b>  | <b>(499.71)</b> | <b>(48.52)</b> |
| <b>Less: Deferred Tax on above</b>                            | <b>125.77</b>   | <b>12.21</b>   |
| <b>Total</b>  | <b>(373.94)</b> | <b>(36.31)</b> |

38A.1 The above amounts include, increase in the Actuarial Valuation as on the Reporting Date due to experience adjustment on account of JBCCI wage agreement concluded for NCWA-XI on 20.05.2023, (i.e. Gratuity- Rs.359.87 Crore, Leave Encashment (vesting) - Rs.76.41 Crore). The incremental liability is transacted during the year considering the same as an 'Adjusting Event After the Reporting Date' as per the provisions of Ind AS-10 (Refer Note No.22.11).



## Additional Notes to the Financial Statements (Standalone) for the year ended 31<sup>st</sup> March, 2023

### NOTE - 39

#### 1. FAIR VALUE MEASUREMENT:

##### A. Financial Instruments by Category :

(Rs. in Crore)

| Financial Assets and Liabilities | As at 31 <sup>st</sup> March, 2023 |        |                | As at 31 <sup>st</sup> March, 2022 |        |                |
|----------------------------------|------------------------------------|--------|----------------|------------------------------------|--------|----------------|
|                                  | FVTPL                              | FVTOCI | Amortized cost | FVTPL                              | FVTOCI | Amortized cost |
| <b>Financial Assets</b>          |                                    |        |                |                                    |        |                |
| Mutual Funds@                    | 500.25                             | -      | -              | -                                  | -      | -              |
| Loans                            | -                                  | -      | 40.79          | -                                  | -      | 55.81          |
| Others                           | -                                  | -      | 9,530.32       | -                                  | -      | 7,178.14       |
| Trade receivables                | -                                  | -      | 15,235.58      | -                                  | -      | 14,640.30      |
| Cash & cash equivalents          | -                                  | -      | 928.19         | -                                  | -      | 460.37         |
| Other Bank Balances              | -                                  | -      | 516.15         | -                                  | -      | 64.28          |
| Investments                      | -                                  | -      | 1,809.37       | -                                  | -      | 2,809.37       |
| <b>Financial Liabilities</b>     |                                    |        |                |                                    |        |                |
| Borrowings                       | -                                  | -      | 2,824.94       | -                                  | -      | 4,139.55       |
| Trade payables                   | -                                  | -      | 1,225.29       | -                                  | -      | 1,013.86       |
| Other Financial Liabilities      | -                                  | -      | 1,114.32       | -                                  | -      | 1,391.45       |

# FVTPL – Fair Value through Profit & Loss A/c

# FVTOCI- Fair Value through Other Comprehensive Income

@ Investments in Mutual Funds are classified as Equity Instruments and measured at Fair Value through Profit & Loss A/c.

##### B. Fair value hierarchy:

Table below shows Judgments and estimates made in determining the fair values of the financial instruments that are (a) recognized and measured at fair value and (b) measured at amortized cost and for which fair values are disclosed in the financial statements. To provide an indication about the reliability of the inputs used in determining fair value, the Company has classified its financial instruments into the three levels prescribed under the accounting standard. An explanation of each level follows underneath the table.

##### (a) Recognized and measured at Fair Value:

| Financial Assets and Liabilities measured at Fair Value | As at 31 <sup>st</sup> March, 2023 |          |           | As at 31 <sup>st</sup> March, 2022 |          |           |
|---|------------------------------------|----------|-----------|------------------------------------|----------|-----------|
|   | Level I                            | Level II | Level III | Level I                            | Level II | Level III |
| <b>Financial Assets at FVTPL</b>                        |                                    |          |           |                                    |          |           |
| Investments:  | -                                  | -        | -         | -                                  | -        | -         |
| Mutual Funds  | -                                  | 500.25   | -         | -                                  | -        | -         |
| <b>Financial Liabilities</b>                            |                                    |          |           |                                    |          |           |
| If any item   | -                                  | -        | -         | -                                  | -        | -         |



Additional notes to the financial statements (standalone) for the year ended 31<sup>st</sup> March, 2023 (contd...)

**(b) Measured at amortized cost and for which fair values are disclosed in the financial statements**

(Rs. in Crore)

| Financial assets and liabilities measured at amortized cost for which fair values are disclosed at 31 <sup>st</sup> March, 2023 | As at 31 <sup>st</sup> March, 2023 |          |           | As at 31 <sup>st</sup> March, 2022 |          |           |
|---|------------------------------------|----------|-----------|------------------------------------|----------|-----------|
|   | Level-I                            | Level-II | Level-III | Level-I                            | Level-II | Level-III |
| <b>Financial Assets at Amortized Cost</b>   | -                                  | -        | -         | -                                  | -        | -         |
| Loans   | -                                  | -        | 40.79     | -                                  | -        | 55.81     |
| Others  | -                                  | -        | 9,530.32  | -                                  | -        | 7,178.14  |
| Trade receivables   | -                                  | -        | 15,235.58 | -                                  | -        | 14,640.30 |
| Cash & cash equivalents   | -                                  | -        | 928.19    | -                                  | -        | 460.37    |
| Other Bank Balances   | -                                  | -        | 516.15    | -                                  | -        | 64.28     |
| Investments   | -                                  | -        | 1,809.37  | -                                  | -        | 2809.37   |
| <b>Financial Liabilities</b>  |                                    |          |           |                                    |          |           |
| Borrowings  | -                                  | -        | 2,824.94  | -                                  | -        | 4,139.55  |
| Trade payables  | -                                  | -        | 1,225.29  | -                                  | -        | 1,013.86  |
| Other Financial Liabilities   | -                                  | -        | 1,114.32  | -                                  | -        | 1,391.45  |

**Level-1:** Level-I hierarchy includes Financial Instruments measured using quoted prices

**Level-II:** The fair value of Financial Instruments that are not traded in an active market is determined using valuation techniques which maximize the use of observable market data and rely as little as possible on entity-specific estimates. If all significant inputs required to fair value an instrument are observable, the instrument is included in level-II. Investments other than investments in Joint Ventures/Subsidiary included in Level-II.

**Level-III:** If one or more of the significant inputs is not based on observable market data, the instrument is included in level-III. This is the case for unlisted equity securities, bonds, borrowings, security deposits and other liabilities taken included in level-III.

**(c) Valuation technique used in determining Fair Value**

- i) Valuation techniques used to value Financial Instruments include:
  - The use of quoted market prices of Instruments
  - The Fair Value of the remaining Financial Instruments is determined using discounted Cash Flow analysis

- ii) Fair Value measurements using significant unobservable inputs:

At present there are no Fair Value measurements using significant unobservable inputs.

**(d) Fair values of Financial Assets and Liabilities measured at Amortized cost**

- The carrying amounts of trade receivables, short term deposits, cash and cash equivalents, trade payables are considered to be the same as their fair values, due to their short-term nature.
- Other Financial Assets accounted at Amortized Cost are not carried at Fair Value only if same is not material.
- The Company considers that the security deposit does not include a significant financing component. The milestone payments (security deposits) coincide with the company's performance and the contract requires amounts to be retained for reasons other than the provision of finance. The withholding of a specified percentage of each milestone payment is intended to protect the interest of the company, from the contractor failing to adequately complete its obligations under the contract. Accordingly transaction cost of Security deposit is considered as fair value at initial recognition and subsequently measured at amortised cost.



*Additional notes to the financial statements (standalone) for the year ended 31<sup>st</sup> March, 2023 (contd...)*

## SIGNIFICANT ESTIMATES:

The Fair Value of Financial Instruments that are not traded in an active market is determined using valuation techniques. The Company uses its judgment to select a method and makes suitable assumptions at the end of each reporting period.

## 2. RISK ANALYSIS AND MANAGEMENT

### Financial Risk Management Objectives and Policies

The Company's principal Financial Liabilities comprise Loans and Borrowings, Trade and Other Payables directly related to its operations. The main purpose of these Financial Liabilities is to finance the Company's operations. The Company's principal Financial Assets include Loans, Trade and Other Receivables and Cash and Cash Equivalents that are derived directly from its operations.

The Company is exposed to Market Risk, Credit Risk and Liquidity Risk. The Company's senior management oversees the management of these risks. The Board of Directors reviews and agrees Policies for managing each of these risks, which are summarized below.

This note explains the sources of risk which the entity is exposed to and how the entity manages the risk in Financial Statements.

| Risk                         | Exposure arising from  | Measurement                             | Management  |
|------------------------------|--|---|---|
| Credit Risk                  | Cash and Cash equivalents, trade receivables financial asset measured at amortized cost            | Ageing analysis                         | Regular monitoring and review by senior management and audit committee  |
| Liquidity Risk               | Borrowings and other liabilities   | Periodic cash flows                     | Availability of committed credit lines and borrowing facilities         |
| Market Risk-foreign exchange | Future commercial transactions, recognized financial assets and liabilities not denominated in INR | Cash flow forecast sensitivity analysis | Regular monitoring and review by senior management and audit committee. |
| Market Risk-interest rate    | Cash and Cash equivalents, Bank deposits, Mutual Funds, Investments in Bonds                       | Cash flow forecast sensitivity analysis | Regular monitoring and review by senior management and audit committee  |

### A. Credit Risk:

Credit risk arises from Cash and Cash Equivalents, Investments carried at amortized cost and Deposits with Banks and Financial Institutions, as well as including outstanding receivables.

#### Credit risk management:

Macro - economic information (such as regulatory changes) is incorporated as part of the Fuel Supply Agreements (FSAs), Power Purchase Agreements (PPAs) and e-auction terms.

#### Fuel Supply Agreements:

As contemplated in and in accordance with the terms of the New Coal distribution Policy (NCDP), we enter into legally enforceable FSAs with our customers or with State Nominated Agencies that in turn enters into appropriate distribution arrangements with end customers. Our FSAs can be broadly categorized into:

- FSAs with customers in the power utilities sector, including State power utilities, Private Power Utilities ("PPUs") and Independent Power Producers ("IPPs");
- FSAs with customers in Non-Power Industries (including captive power plants ("CPPs")); and
- FSAs with State Nominated Agencies



*Additional notes to the financial statements (standalone) for the year ended 31<sup>st</sup> March, 2023 (contd...)*

**Power Purchase Agreement:**

SCCL is operating 2X600 MW Thermal Power Project (STPP) .To secure guarantee of purchase of power and certainty of revenue stream, legally enforceable power purchase agreement has been entered with Southern Power Distribution Company of Telangana Ltd(TSSPDCL) and Northern Power Distribution Company of Telangana Ltd(TSNPDCL) on 18.01.2016 for 25 years from the date of COD of the project i.e., 02.12.2016.

**E-Auction Scheme:**

The E-Auction scheme of coal has been introduced to provide access to coal for customers who were not able to source their coal requirement through the available institutional mechanisms under the NCDP for various reasons, for example, due to a less than full allocation of their normative requirement under NCDP, seasonality of their coal requirement and limited requirement of coal that does not warrant a long-term linkage. The quantity of coal to be offered under E-Auction is reviewed from time to time by the MOC.

**Provision for Expected Credit Loss:** The Company provides for expected credit risk loss for doubtful/ credit impaired assets, by lifetime expected credit losses (Simplified approach).

Expected Credit Losses for Trade Receivables under Simplified Approach:

**(Rs. in Crore)**

| Exposure to risk           | As at 31 <sup>st</sup> March 2023 | As at 31 <sup>st</sup> March 2022 |
|----------------------------|-----------------------------------|-----------------------------------|
| Trade Receivables          | 15,493.74                         | 14,858.19                         |
| Less: Expected Credit Loss | 258.16                            | 217.89                            |
| <b>Total</b>               | <b>15,235.58</b>                  | <b>14,640.30</b>                  |

\* Including trade receivables (Non-current) before fairvalue adjustment.

Reconciliation of Credit Loss allowance provision – Trade receivables

| Particulars                          | Amount (Rs. in Crore) |
|--------------------------------------|-----------------------|
| Loss allowance on 31.03.2022         | 217.89                |
| Changes in loss allowance in 2022-23 | 40.27                 |
| Loss allowance on 31.03.2023         | 258.16                |

**Significant Estimates and Judgments:**

**Impairment of Financial Assets**

The impairment provisions for Financial Assets disclosed above are based on assumptions about risk of default and expected loss rates. The company uses judgement in making these assumptions and selecting the inputs to the impairment calculation, based on the company's past history, existing market conditions and uncertainty in collection as well as forward looking estimates, at the end of each reporting period.

**B. Liquidity Risk:**

Prudent liquidity risk management implies maintaining sufficient cash and cash equivalents and the availability of funding through an adequate amount of committed credit facilities to meet obligations when due. Due to the dynamic nature of the underlying businesses, Company treasury maintains flexibility in funding by maintaining availability under committed credit lines.

Management monitors forecasts of the Company's liquidity position (comprising the undrawn borrowing facilities below) and cash and cash equivalents on the basis of expected cash flows.





Additional notes to the financial statements (standalone) for the year ended 31<sup>st</sup> March, 2023 (contd...)

## Financing arrangements

The Company had access to the following undrawn borrowing facilities at the end of the Reporting Period.

(Rs. in Crore)

| Exposure to risk                     | As at 31 <sup>st</sup> March 2023 | As at 31 <sup>st</sup> March 2022 |
|--------------------------------------|-----------------------------------|-----------------------------------|
| <b>Interest bearing Borrowings :</b> |                                   |                                   |
| <b>On demand :</b>                   |                                   |                                   |
| Less than 365 days                   | -                                 | -                                 |
| More than 365 days :                 |                                   |                                   |
| SBI term Loan ( Solar) @             | -                                 | 353.27                            |
| BOB term Loan (FGD)                  | 442.40                            | -                                 |
| <b>Total</b>                         | <b>442.40</b>                     | <b>353.27</b>                     |

\* Working Capital Limits(Cash Credit & Bill discounting ) are not considered.

@ SBI Term Loan availed for setting up of Solar Power Plants is repaid in FY 2022-23.

## C. Market Risk :

### a) Foreign currency risk :

The company's foreign exchange risk arises from payments to overseas suppliers (US Dollar, British Pound, Euro and Japanese Yen). A portion of the Company's trade payables are in these foreign currencies as under:

#### Trade Payables :

| Currency     | As at 31.03.2023 | Exchange Rate (INR) | Amount (Rs. Crore) | As at 31.03.2022 | Exchange Rate (INR) | Amount (Rs. Crore) |
|--------------|------------------|---------------------|--------------------|------------------|---------------------|--------------------|
| EURO (€)     | € 87,892         | 89.22               | 0.78               | € 11,007,633     | 84.24               | 92.73              |
| GBP (£)      | -                | -                   | -                  | £77,012          | 99.48               | 0.77               |
| USD (\$)     | -                | -                   | -                  | \$314,280        | 75.80               | 2.38               |
| <b>Total</b> |                  |                     | <b>0.78</b>        |                  |                     | <b>95.88</b>       |

As a result, if the value of the Indian rupee depreciates relative to these foreign currencies, the Company's foreign exchange outflow in Indian rupees may increase. The company has not entered into any hedging arrangement.

In respect of the above Trade Payables in Foreign Exchange, every 10% decrease /increase in the exchange rates will have a Financial impact (before tax) of Rs.0.08 Crore either side (Rs.9.59 Crore for year ended 31.03.2022).

### b) Cash flow and fair value interest rate risk: Ind AS 107(33)(a) :

The company's main interest rate risk arises from bank deposits with change in interest rate exposes the company to cash flow interest rate risk. Company's policy is to maintain most of its deposits at fixed rate.

#### Interest rate risk on the Borrowings:

As on 31.03.2023, the Company had obtained loans with floating rate of interest rates as under:

| Loan from           | Basis of interest                | As at 31.03.2023                 |                      | As at 31.03.2022                 |                      |
|---------------------|----------------------------------|----------------------------------|----------------------|----------------------------------|----------------------|
|                     |                                  | Amount outstanding (Rs in Crore) | Rate of Interest p.a | Amount outstanding (Rs in Crore) | Rate of Interest p.a |
| State Bank of India | 1 Year MCLR plus 25 bps          | 2,061.45                         | 8.20%                | 2,393.98                         | 7.25%                |
| ICICI Bank          | 3 Month Treasury Bill plus 1.86% | 713.99                           | 8.63%                | 832.99                           | 6.93%                |
| State Bank of India | 1 Year MCLR plus 34 bps          | -                                | -                    | 475.62                           | 7.34%                |
| Bank of Baroda      | 1 Year SBI MCLR                  | 45.15                            | 7.20%                | -                                | -                    |
| <b>Total</b>        |                                  | <b>2,820.59</b>                  |                      | <b>3,702.59</b>                  |                      |



**Additional notes to the financial statements (standalone) for the year ended 31<sup>st</sup> March, 2023 (contd...)**

On the above loan balance outstanding as on the Reporting Date, every 10 bps increase/ decrease in the floating interest rate component (i.e., MCLR and Treasury Bill rate) on the respective reset dates, shall result in Loss/ Profit of Rs.1.47 Crore (approx.), as the case may be, in the next financial periods (the actual impact on this count for FY 2022-23 Rs.17.13 Crore (Loss)) (Please refer Note-19 for details of the Company's borrowings including interest rate profiles)

**c) Equity instruments in Mutual Funds are subjected to market risk.**

The Company's policy is to invest in Mutual Funds in the debt based instruments for short periods only to minimize the exposure to the market risk.

**Capital Management:**

The company being a Government Entity manages its capital as per the guidelines of Department of Investment and Public Asset Management under Ministry of Finance.

Capital Structure of the company is as follows:

(Rs. in Crore)

| Particulars                                     | As at 31.03.2023 | As at 31.03.2022 |
|---|------------------|------------------|
| Equity Share capital                            | 1,733.20         | 1,733.20         |
| Long term debt (SBI+ICICI Bank+BOB+SBI Solar#)* | 2,369.91         | 2,776.29         |

\* Excluding Current maturities and prepayment of Long term Debt as on 31.03.2023 of Rs.450.68 Crore (As on 31.03.2022 Rs.926.30 Crore).

# SBI (Solar) Term Loan of Rs.475.62 Crore was repaid during the current year. This loan amount was included in the current maturities of Rs.926.30 Crore as on 31.03.2022 mentioned above.

**3. EMPLOYEE BENEFITS: RECOGNITION AND MEASUREMENT (IND AS-19):**

**i) Defined Contribution Plans :**

The Company operates Defined Contribution Plans which include the following

(Rs. in Crore)

| Sl. No | Particulars   | For the FY 2022-23 | For the FY 2021-22 |
|--------|---|--------------------|--------------------|
| 1      | Coal Mines Provident Fund Scheme is a Defined Contribution Plan and charged off to Statement of Profit & Loss.(#) (*) | 674.76             | 660.81             |
| 2      | Superannuation & Pension Benefit to the Executive Cadre employees (#).  | 29.28              | 47.90              |

# Excluding the expenditure transferred to CWIP(REC) in respect of Mines under development

\* Including Extended Service benefit during the extended service period i.e. 60 Years to 61 Years

**ii) Defined benefit Plans:**

The Company operates Defined Benefit Plans as follows which are valued on Actuarial basis:

|                                  |                                       |
|----------------------------------|---------------------------------------|
| Gratuity (Funded)                | Leave Encashment (Vesting) (unfunded) |
| Leave Entitlements (Non-Vesting) | Settling Allowance                    |
| Leave Travel Concession          | Monthly Monetary Compensation (MMC)   |
| CPRMS(E)                         | CPRMS(NE)                             |

*Additional notes to the financial statements (standalone) for the year ended 31<sup>st</sup> March, 2023 (contd...)*

- iii) Total liability as on 31.03.2023 based on valuation made by the Actuary, details of which are mentioned below is Rs.5,225.78 Crore (Previous Year Rs.5,253.38 Crore)

(Rs. in Crore)

| Particulars                      | Actuarial Liability as on 01.04.2022 | Incremental Liability for the Year # | Actuarial Liability as on 31.03.2023 |
|----------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|
| Gratuity                         | 3,309.21                             | (386.81)                             | 2,922.40                             |
| Leave Encashment (Vesting)       | 672.02                               | 134.60                               | 806.62                               |
| Leave Entitlements (Non-Vesting) | 171.43                               | 20.13                                | 191.56                               |
| CPRMS(E)                         | 227.48                               | 26.45                                | 253.93                               |
| CPRMS(NE) **                     | 596.07                               | 69.90                                | 665.97                               |
| Monthly Monetary Compensation    | 141.06                               | 56.17                                | 197.23                               |
| Settling Allowance               | 69.80                                | 35.01                                | 104.81                               |
| Leave Travel concession          | 66.31                                | 16.95                                | 83.26                                |
| <b>Total</b>                     | <b>5,253.38</b>                      | <b>(27.60)</b>                       | <b>5,225.78</b>                      |

# Includes the liability increase on account of NCWA-XI Wage Agreement concluded on 20.05.2023.

**a) Gratuity:**

Gratuity payable to eligible employees is administered by a separate Trust. The Liability towards Gratuity as on each Reporting Date is made on the basis of Actuarial Valuation. The Actuarial Liability (as certified by the Actuary) towards Gratuity net of Funds maintained in the Trust (Unfunded Liability) amounted to Rs.2,922.40 Crore as at 31.3.2023 (Previous Year Rs. 3,309.21 Crore). The above liability as on 31.03.2023 includes an amount of Rs.359.87 Crore towards incremental liability owing to NCWA XI Wage Revision.

**b) Leave Encashment (Vesting):**

Leave Encashment benefits which are encashable in service or on retirement (i.e. Vesting) payable to employees, at the end of the year, are recognized based on the Actuarial Valuation. The Actuarial Liability (as certified by the Actuary) towards Leave Encashment (Vesting) and the outstanding amounts towards leaves encashed during the year amounted to Rs.806.62 Crore as at 31.03.2023 (Previous Year Rs. 672.02 Crore). The above liability as on 31.03.2023 includes an amount of Rs.76.41 Crore towards incremental liability owing to NCWA XI Wage Revision.

**c) Leave Entitlements (Non-Vesting):**

Leave entitlements which are non-encashable in service or on retirement or on resignation (i.e. Non-Vesting) are recognized on Actuarial Valuation. After applying the Non Availment Factor of 40%, the Liability as per the Actuarial valuation as on 31.03.2023 is Rs.191.56 Crore. (Previous Year Rs.171.43 Crore). The above liability as on 31.03.2023 includes an amount of Rs.14.70 Crore towards incremental liability owing to NCWA XI Wage Revision.

**d) Contributory Post Retirement Medicare Scheme: CPRMS (E)**

The Actuarial Liability (as certified by the Actuary) for Contributory Post Retirement Medicare Scheme for Executives & their spouses against plan benefits (yearly domiciliary treatment and Rs.25.00 Lakh designated benefit) amounted to Rs.253.93 Crore as at 31.03.2023 (Rs. 227.48 Crore up to 31.03.2022). An amount of Rs.37.50 Crore is charged to Revenue (Previous Year Rs.44.46 Crore). During this year, scheme benefits of Rs.11.04 Crore are paid to Retired Executives (PY Rs.10.78 Crore)



*Additional notes to the financial statements (standalone) for the year ended 31<sup>st</sup> March, 2023 (contd...)*

**e) Contributory Post Retirement Medicare Scheme: CPRMS (NE)**

- (i) The Company has implemented Contributory Post Retirement Medicare Scheme for Non-Executives (CPRMS-NE) as per JBCCI Agreement. As per the Scheme, the designated Benefit of Medical reimbursement is Rs.8.00 Lakhs / per employee.
- (ii) As per the modalities of the Scheme, the Employees have to contribute Rs.40,000/- as their contribution. The employees who have retired in earlier wage periods have to contribute specified amounts. The Company also has to contribute Rs.18,000/- per employee for those employees who were on rolls as on 01.07.2016 and who have joined thereafter. From FY 2021-22 onwards, the Company is recognizing the liability on Actuarial valuation basis treating the same as Defined Benefit Obligation, as the Company is having constructive obligation to extend the plan benefits irrespective of the sufficiency of the contributions.
- (iii) The liability towards CPRMS(NE) based on Actuarial valuation as on 31.03.2023 is Rs.665.97 Crore (Previous Year Rs.596.07 Crore)

**f) Monthly Monetary Compensation (MMC)**

Monthly Monetary Compensation to dependants of deceased in mines accidents/ medical unfit, etc., & Low Productive Employees are valued on actuarial basis and actuarial liability as at 31.03.2023 is Rs.197.23 Crore (Previous Year Rs. 141.07 Crore). The above liability as on 31.03.2023 includes an amount of Rs.58.30 Crore towards incremental liability owing to NCWA XI Wage Revision.

**g) Settling in Allowance:**

Liability on account of amounts payable to the separated employees for settling at their Home Towns /Place of settlement is valued on actuarial basis. The actuarial liability as at 31.03.2023 is Rs.104.81 Crore (Previous Year of Rs. 69.80 Crore). The above liability as on 31.03.2023 includes an amount of Rs.30.17 Crore towards incremental liability owing to NCWA XI Wage Revision.

**h) Leave Travel concession:**

Leave Travel Concession is valued on actuarial basis, the actuarial liability as at 31.03.2023 is Rs.83.26 Crore (Previous Year Rs. 66.31 Crore). An amount of Rs.18.47 Crore was paid under this Scheme and charged to revenue during the year (Previous Year Rs.17.40 Crore).The above liability as on 31.03.2023 includes an amount of Rs.18.03 Crore towards incremental liability owing to NCWA XI Wage Revision.



Additional notes to the financial statements (standalone) for the year ended 31<sup>st</sup> March, 2023 (contd...)

iv) **Disclosure as per Actuary's Certificate:**

The disclosures as per Actuary's Certificate for employee benefits for Gratuity (funded) and Leave Encashment (funded) are given below: -

**ACTUARIAL VALUATION OF GRATUITY LIABILITY - DISCLOSURES AS PER IND AS-19**

(Rs. in Crore)

| Changes in Present Value of defined benefit obligations                      | As at 31.03.2023 | As at 31.03.2022 |
|--|------------------|------------------|
| Present Value of obligation at beginning of the period                       | 3,973.94         | 4,076.31         |
| Current Service Cost   | 165.90           | 158.00           |
| Past Service Cost  | -                | -                |
| Interest Cost  | 254.05           | 242.22           |
| Actuarial (Gain) / Loss on obligations due to change in financial assumption | (33.17)          | (124.07)         |
| Actuarial (Gain) / Loss on obligations due to experience adjustments         | 363.86           | 59.37            |
| Benefits Paid  | (687.05)         | (437.89)         |
| <b>Present Value of obligation at end of the year</b>                        | <b>4,037.53</b>  | <b>3,973.94</b>  |

Including pending claims for settlement of Rs.475.68 Crore as on 31.03.2023 (PY Rs.503.33 Crore) and Supplementary claims of Rs.40.67 Crore on account of NCWA XI wage revision (settled and pending claims of Not Onroll employees for the period 01.07.2021 to 31.03.2023) as on 31.03.2023

(Rs. in Crore)

| Changes in Fair Value of Plan Assets                  | As at 31.03.2023 | As at 31.03.2022 |
|---|------------------|------------------|
| Fair Value of Plan Asset at beginning of the period   | 664.73           | 716.73           |
| Interest Income                                       | 63.65            | 55.16            |
| Employer Contributions                                | 1,096.63         | 332.00           |
| Benefits Paid   | (687.05)         | (437.89)         |
| Return on Plan Assets excluding Interest income       | (22.83)          | (1.27)           |
| <b>Fair Value of Plan Asset as at end of the year</b> | <b>1,115.13</b>  | <b>664.73</b>    |

(Rs. in Crore)

| Statement showing reconciliation to Balance Sheet | As at 31.03.2023 | As at 31.03.2022 |
|---|------------------|------------------|
| Fund Liability                                    | 4,037.53         | 3,973.94         |
| Fund Asset  | 1,115.13         | 664.73           |
| <b>Un Funded Status</b>                           | <b>2,922.40</b>  | <b>3,309.21</b>  |

(Rs. in Crore)

| Expense Recognized in Statement of Profit / Loss                     | As at 31.03.2023 | As at 31.03.2022 |
|--|------------------|------------------|
| Current Service Cost   | 165.90           | 158.00           |
| Past Service Cost  | -                | -                |
| Net Interest Cost  | 190.40           | 187.06           |
| <b>Benefit Cost (Expense recognized in Statement of Profit/Loss)</b> | <b>356.30</b>    | <b>345.06</b>    |



Additional notes to the financial statements (standalone) for the year ended 31<sup>st</sup> March, 2023 (contd...)

| (Rs. in Crore)  |                  |                  |
|---|------------------|------------------|
| Other Comprehensive Income  | As at 31.03.2023 | As at 31.03.2022 |
| Actuarial (Gain) / Loss on obligations due to change in financial assumption        | (33.17)          | (124.07)         |
| Actuarial (Gain) / Loss on obligations due to experience adjustments                | 363.86           | 59.37            |
| Total Actuarial (Gain) / Loss   | -                | -                |
| Return on Plan Asset, excluding Interest Income                                     | 22.83            | 1.27             |
| Balance at the end of the year  | -                | -                |
| <b>Net (Income) / Expense for the year recognized in Other Comprehensive Income</b> | <b>353.52</b>    | <b>(63.43)</b>   |

(Rs. in Crore)

| Statement showing Plan Assumptions                       | As at 31.03.2023  | As at 31.03.2022  |
|--|-------------------|-------------------|
| Discount Rate  | 7.51%             | 7.32%             |
| Expected Return on Plan Asset                            | 7.51%             | 7.32%             |
| Rate of Compensation Increase (Salary Inflation)         | 6.75%             | 6.50%             |
| Average Expected Future Service (Remaining Working Life) | 17.87 Years       | 16.77 Years       |
| Average Duration of Liabilities                          | 16.74 Years       | 18.21 Years       |
| Superannuation at Age                                    | 61 Years          | 61 Years          |
| <b>Gratuity limit</b>                                    | <b>Rs.20 lakh</b> | <b>Rs.20 lakh</b> |

| Mortality , Disability, Withdrawal & Retirement table As at 31.03.2023 |                     |        |            |        |            |        |            |         |
|--|---------------------|--------|------------|--------|------------|--------|------------|---------|
| Attained Age   | Percentage          |        |            |        | Percentage |        |            |         |
|  | Abs. Mortality Rate |        | Disability |        | Withdrawal |        | Retirement |         |
|  | Male                | Female | Male       | Female | Male       | Female | Male       | Female  |
| 20   | 0.09%               | 0.09%  | 0.00%      | 0.00%  | 1.00%      | 1.00%  | 0.00%      | 0.00%   |
| 25   | 0.09%               | 0.09%  | 0.00%      | 0.00%  | 1.00%      | 1.00%  | 0.00%      | 0.00%   |
| 30   | 0.10%               | 0.10%  | 0.00%      | 0.00%  | 1.00%      | 1.00%  | 0.00%      | 0.00%   |
| 35   | 0.12%               | 0.12%  | 0.00%      | 0.00%  | 1.00%      | 1.00%  | 0.00%      | 0.00%   |
| 40   | 0.17%               | 0.17%  | 0.00%      | 0.00%  | 1.00%      | 1.00%  | 0.00%      | 0.00%   |
| 45   | 0.26%               | 0.26%  | 0.00%      | 0.00%  | 1.00%      | 1.00%  | 0.00%      | 0.00%   |
| 50   | 0.44%               | 0.44%  | 0.00%      | 0.00%  | 1.00%      | 1.00%  | 0.00%      | 0.00%   |
| 55   | 0.75%               | 0.75%  | 0.00%      | 0.00%  | 1.00%      | 1.00%  | 0.00%      | 0.00%   |
| 60   | 1.12%               | 1.12%  | 0.00%      | 0.00%  | 1.00%      | 1.00%  | 0.00%      | 0.00%   |
| 61   | 1.20%               | 1.20%  | 0.00%      | 0.00%  | 1.00%      | 1.00%  | 100.00%    | 100.00% |

(Rs. in Crore)

| Statement Showing Benefit Information Estimated Future payments (Past Service) |                 |                 |
|--|-----------------|-----------------|
| Year   | 31.03.2023      | 31.03.2022      |
| 1  | 909.02          | 1,096.25        |
| 2  | 409.18          | 323.54          |
| 3  | 594.71          | 559.59          |
| 4  | 523.29          | 525.58          |
| 5  | 469.33          | 453.58          |
| 6 to 10  | 1,789.60        | 1,690.23        |
| More than 10 years   | 4,276.77        | 3,551.36        |
| <b>Projected Benefit Obligation</b>  | <b>8,971.90</b> | <b>8,200.13</b> |



Additional notes to the financial statements (standalone) for the year ended 31<sup>st</sup> March, 2023 (contd...)

### Sensitivity Analysis:

Discount Rate, Salary Escalation Rate and Withdrawal Rate are significant actuarial assumptions. The change in the Present Value of Defined Benefit Obligation for a change of 100 Basis Points from the assumed assumption is given below:

| Scenario                       | 2022-23                                    |          | 2021-22                                    |          |
|--------------------------------|--|----------|--|----------|
|                                | Present Value of Obligation (Rs. in Crore) | % Change | Present Value of Obligation (Rs. in Crore) | % Change |
| Under Base Scenario            | 4,037.53                                   | -        | 3,973.94                                   | -        |
| Salary Escalation - Up by 1%   | 4,094.77                                   | 1.42%    | 4,023.61                                   | 1.25%    |
| Salary Escalation - Down by 1% | 3,976.10                                   | -1.52%   | 3,918.98                                   | -1.38%   |
| Withdrawal Rates - Up by 1%    | 4,081.57                                   | 1.09%    | 4,006.77                                   | 0.83%    |
| Withdrawal Rates - Down by 1%  | 3,991.28                                   | -1.15%   | 3,939.60                                   | -0.86%   |
| Discount Rates - Up by 1%      | 3,774.01                                   | -6.53%   | 3,734.03                                   | -6.04%   |
| Discount Rates - Down by 1%    | 4,342.81                                   | 7.56%    | 4,250.24                                   | 6.95%    |
| Mortality Rates - Up by 10%    | 4,040.89                                   | 0.08%    | -  | -        |
| Mortality Rates - Down by 10%  | 4,034.16                                   | -0.08%   | -  | -        |

\*\* Claims of Not-on-roll employees pending for settlement of Rs.475.69 Crore as on 31.03.2023 (PY Rs.503.33 Crore) and supplementary claims of Rs.40.67 Crore on account of NCWA-XI wage revision (settled and pending claims for the period 01.07.2021 to 31.03.2023) as on 31.03.2023 included in the Valuation are not subjected to the above Sensitivity factors.

(Rs. in Crore)

| Statement Showing Cash Flow Information                  | 31.03.2023 | 31.03.2022 |
|--|------------|------------|
| Current service Cost (Employer portion Only) Next period | 175.00     | 165.90     |
| Interest Cost in next period                             | 264.44     | 254.05     |
| Expected Return on Plan Asset in Next period             | 89.38      | 34.02      |
| Benefit Cost in Next period                              | 650.00     | 600.00     |
| Expected Contribution to the Trust in Next period        | 800.00     | 400.00     |

(Rs. in Crore)

| Statement showing present value of Obligation (Non-Current/Current) | As at 31.03.2023 | As at 31.03.2022 |
|---|------------------|------------------|
| Current liability   | -                | -                |
| Non-Current Liability   | 4,037.53         | 3,973.94         |
| <b>Net Liability</b>  | <b>4,037.53</b>  | <b>3,973.94</b>  |



Additional notes to the financial statements (standalone) for the year ended 31<sup>st</sup> March, 2023 (contd...)

## ACTUARIAL VALUATION OF LEAVE ENCASHMENT BENEFIT (VESTING) EARNED LEAVE(EL)/ HALF PAY LEAVE(HPL)-DISCLOSURES AS PER IND AS-19 :

(Rs. in Crore)

| Changes in Present Value of defined benefit obligations                      | As at<br>31.03.2023 | As at<br>31.03.2022 |
|--|---------------------|---------------------|
| Present Value of obligation at beginning of the period                       | 672.02              | 641.37              |
| Current Service Cost   | 110.17              | 98.85               |
| Interest Cost  | 48.55               | 42.58               |
| Actuarial (Gain) / Loss on obligations due to change in financial assumption | 3.00                | (22.02)             |
| Actuarial (Gain) / Loss on obligations due to experience adjustments         | 105.04              | 15.53               |
| Benefits Paid  | (132.16)            | (104.29)            |
| <b>Present Value of obligation at end of the period</b>                      | <b>806.62</b>       | <b>672.02</b>       |

(Rs. in Crore)

| Changes in Fair Value of Plan Assets                | As at<br>31.03.2023 | As at<br>31.03.2022 |
|---|---------------------|---------------------|
| Fair Value of Plan Asset at beginning of the period | Unfunded            | Unfunded            |
| Interest Income                                     | Unfunded            | Unfunded            |
| Employer Contributions                              | Unfunded            | Unfunded            |
| Benefits Paid                                       | Unfunded            | Unfunded            |
| Return on Plan Assets excluding Interest income     | Unfunded            | Unfunded            |
| Fair Value of Plan Asset as at end of the period    | Unfunded            | Unfunded            |

(Rs. in Crore)

| Statement showing reconciliation to Balance Sheet | As at<br>31.03.2023 | As at<br>31.03.2022 |
|---|---------------------|---------------------|
| Fund Liability                                    | 806.62              | 672.02              |
| Fund Asset  | -                   | -                   |
| <b>Un Funded Status</b>                           | Unfunded            | Unfunded            |

(Rs. in Crore)

| Statement showing Plan Assumptions:                      | As at<br>31.03.2023 | As at<br>31.03.2022 |
|--|---------------------|---------------------|
| Discount Rate  | 7.51%               | 7.32%               |
| Rate of Compensation Increase (Salary Inflation)         | 6.75%               | 6.50%               |
| Average Expected Future Service (Remaining Working Life) | 17.87 Years         | 16.77 Years         |
| Average Duration of Liabilities                          | 16.74 Years         | 18.21 Years         |
| Superannuation at Age                                    | 61 Years            | 61 Years            |

(Rs. in Crore)

| Expense Recognized in Statement of Profit / Loss                     | As at<br>31.03.2023 | As at<br>31.03.2022 |
|--|---------------------|---------------------|
| Current Service Cost   | 110.17              | 98.85               |
| Net Interest Cost  | 48.55               | 42.58               |
| <b>Benefit Cost (Expense recognized in Statement of Profit/Loss)</b> | <b>158.72</b>       | <b>141.43</b>       |



Additional notes to the financial statements (standalone) for the year ended 31<sup>st</sup> March, 2023 (contd...)

(Rs. in Crore)

| Other Comprehensive Income  | As at<br>31.03.2023 | As at<br>31.03.2022 |
|---|---------------------|---------------------|
| Actuarial (Gain) / Loss on obligations due to change in financial assumption          | 3.00                | (22.02)             |
| Actuarial (Gain) / Loss on obligations due to experience adjustments                  | 105.04              | 15.53               |
| <b>Net (Income) / Expense for the period recognized in Other Comprehensive Income</b> | <b>108.04</b>       | <b>(6.49)</b>       |

| Mortality , Disability, Attrition & Retirement table As at 31.03.2023 |                     |        |            |        |            |        |            |         |
|---|---------------------|--------|------------|--------|------------|--------|------------|---------|
| Attained Age  | Percentage          |        |            |        | Percentage |        |            |         |
|   | Abs. Mortality Rate |        | Disability |        | Attrition  |        | Retirement |         |
|   | Male                | Female | Male       | Female | Male       | Female | Male       | Female  |
| 20  | 0.09%               | 0.09%  | 0.00%      | 0.00%  | 1.00%      | 1.00%  | 0.00%      | 0.00%   |
| 25  | 0.09%               | 0.09%  | 0.00%      | 0.00%  | 1.00%      | 1.00%  | 0.00%      | 0.00%   |
| 30  | 0.10%               | 0.10%  | 0.00%      | 0.00%  | 1.00%      | 1.00%  | 0.00%      | 0.00%   |
| 35  | 0.12%               | 0.12%  | 0.00%      | 0.00%  | 1.00%      | 1.00%  | 0.00%      | 0.00%   |
| 40  | 0.17%               | 0.17%  | 0.00%      | 0.00%  | 1.00%      | 1.00%  | 0.00%      | 0.00%   |
| 45  | 0.26%               | 0.26%  | 0.00%      | 0.00%  | 1.00%      | 1.00%  | 0.00%      | 0.00%   |
| 50  | 0.44%               | 0.44%  | 0.00%      | 0.00%  | 1.00%      | 1.00%  | 0.00%      | 0.00%   |
| 55  | 0.75%               | 0.75%  | 0.00%      | 0.00%  | 1.00%      | 1.00%  | 0.00%      | 0.00%   |
| 60  | 1.12%               | 1.12%  | 0.00%      | 0.00%  | 1.00%      | 1.00%  | 0.00%      | 0.00%   |
| 61  | 1.20%               | 1.20%  | 0.00%      | 0.00%  | 1.00%      | 1.00%  | 100.00%    | 100.00% |

### Sensitivity Analysis:

Discount Rate, Salary Escalation Rate and Withdrawal Rate are significant actuarial assumptions. The change in the Present Value of Defined Benefit Obligation for a change of 100 Basis Points from the assumed assumption is given below:

| Scenario                       | 2022-23                                    |          | 2021-22                                    |          |
|--------------------------------|--|----------|--|----------|
|                                | Present Value of Obligation (Rs. in Crore) | % Change | Present Value of Obligation (Rs. in Crore) | % Change |
| Under Base Scenario            | 806.62                                     | -        | 672.02                                     | -        |
| Salary Escalation - Up by 1%   | 870.97                                     | 7.98%    | 702.80                                     | 4.58%    |
| Salary Escalation - Down by 1% | 749.75                                     | -7.05%   | 643.26                                     | -4.28%   |
| Attrition Rates - Up by 1%     | 809.97                                     | 0.42%    | 671.63                                     | -0.06%   |
| Attrition Rates - Down by 1%   | 802.81                                     | -0.47%   | 672.45                                     | 0.06%    |
| Discount Rates - Up by 1%      | 754.68                                     | -6.44%   | 647.33                                     | -3.67%   |
| Discount Rates - Down by 1%    | 866.43                                     | 7.41%    | 698.95                                     | 4.01%    |
| Mortality Rates - Up by 10%    | 806.75                                     | 0.02%    | -  | -        |
| Mortality Rates - Down by 10%  | 806.48                                     | -0.02%   | -  | -        |

\*\* Claims of Not-on-roll employees pending for settlement of Rs.15.91 Crore as on 31.03.2023 (PY Rs.8.78 Crore) are included in the Valuation as these claims are not subjected to the above Sensitivity factors.



Additional notes to the financial statements (standalone) for the year ended 31<sup>st</sup> March, 2023 (contd...)

(Rs. in Crore)

| Statement Showing Benefit Information Estimated Future payments |            |            |
|---|------------|------------|
| Year  | 31.03.2023 | 31.03.2022 |
| 1   | 119.92     | 171.48     |
| 2   | 86.52      | 140.63     |
| 3   | 106.58     | 138.2      |
| 4   | 104.58     | 120.85     |
| 5   | 92.26      | 103.07     |
| 6 to 10   | 342.32     | 289.11     |
| More than 10 years  | 818.79     | 204.75     |
| Projected Benefit Obligation                                    | 1,670.97   | 1,168.09   |

(Rs. in Crore)

| Statement showing present value of Obligation (Non-Current/Current) | As at<br>31.03.2023 | As at<br>31.03.2022 |
|---|---------------------|---------------------|
| Current liability   | 119.92              | 114.38              |
| Non-Current Liability   | 686.70              | 557.64              |
| <b>Net Liability</b>  | <b>806.62</b>       | <b>672.02</b>       |



**Dust suppression activity with Mist & Dry fog system at 16000 tonnes  
GL bunker, RG OC-3 CHP**

Additional notes to the financial statements (standalone) for the year ended 31<sup>st</sup> March, 2023 (contd...)

## ACTUARIAL VALUATION OF CONTRIBUTORY POST RETIREMENT MEDICARE SCHEME (EXECUTIVES)-DISCLOSURES AS PER IND AS-19 :

(Rs. in Crore)

| Changes in Present Value of defined benefit obligations                         | As at<br>31.03.2023 | As at<br>31.03.2022 |
|---|---------------------|---------------------|
| Present Value of obligation at beginning of the period                          | 227.48              | 193.80              |
| Current Service Cost  | 14.08               | 11.68               |
| Interest Cost   | 16.58               | 13.27               |
| Actuarial (Gain) / Loss on obligations due to change in demographic assumptions | -                   | 16.48               |
| Actuarial (Gain) / Loss on obligations due to change in financial assumption    | 1.11                | (14.27)             |
| Actuarial (Gain) / Loss on obligations due to experience adjustments            | 5.72                | 17.29               |
| Benefits Paid   | (11.04)             | (10.77)             |
| <b>Present Value of obligation at end of the period</b>                         | <b>253.93</b>       | <b>227.48</b>       |

(Rs. in Crore)

| Changes in Fair Value of Plan Assets                | As at<br>31.03.2023 | As at<br>31.03.2022 |
|---|---------------------|---------------------|
| Fair Value of Plan Asset at beginning of the period | -                   | -                   |
| Interest Income                                     | -                   | -                   |
| Employer Contributions                              | -                   | -                   |
| Benefits Paid                                       | -                   | -                   |
| Return on Plan Assets excluding Interest income     | -                   | -                   |
| Fair Value of Plan Asset as at end of the period    | -                   | -                   |

(Rs. in Crore)

| Statement showing reconciliation to Balance Sheet | As at<br>31.03.2023 | As at<br>31.03.2022 |
|---|---------------------|---------------------|
| Fund Liability                                    | 253.93              | 227.48              |
| Fund Asset  | -                   | -                   |
| <b>Un Funded Status</b>                           | <b>253.93</b>       | <b>227.48</b>       |

(Rs. in Crore)

| Statement showing Plan Assumptions: | As at<br>31.03.2023   | As at<br>31.03.2022   |
|-------------------------------------|---|---|
| Discount Rate                       | 7.51%   | 7.29%   |
| Medical Inflation Rate              | 6.75%   | 6.50%   |
| Mortality Rate                      | IALM (2012-14)<br>Till age 59 &<br>IIAMT (2012-<br>15) Thereafter | IALM (2012-14)<br>Till age 59 &<br>IIAMT (2012-<br>15) Thereafter |
| Morbidity Rate (Critical Illness)   | 10%   | 10%   |



Additional notes to the financial statements (standalone) for the year ended 31<sup>st</sup> March, 2023 (contd...)

(Rs. in Crore)

| Expense Recognized in Statement of Profit / Loss                     | As at<br>31.03.2023 | As at<br>31.03.2022 |
|--|---------------------|---------------------|
| Current Service Cost   | 14.08               | 11.68               |
| Net Interest Cost  | 16.58               | 13.27               |
| <b>Benefit Cost (Expense recognized in Statement of Profit/Loss)</b> | <b>30.66</b>        | <b>24.95</b>        |

(Rs. in Crore)

| Other Comprehensive Income  | As at<br>31.03.2023 | As at<br>31.03.2022 |
|---|---------------------|---------------------|
| Actuarial (Gain) / Loss on obligations due to change in demographic assumptions | -                   | 16.48               |
| Actuarial (Gain) / Loss on obligations due to change in financial assumption    | 1.11                | (14.27)             |
| Actuarial (Gain) / Loss on obligations due to experience adjustments            | 5.72                | 17.29               |
| <b>Benefit Cost (Expense recognized in Statement of Profit/Loss)</b>            | <b>6.84</b>         | <b>19.50</b>        |

### Sensitivity Analysis:

Discount Rate and Medical inflation Rate are significant actuarial assumptions. The change in the Present Value of Defined Benefit Obligation for a change of 100 Basis Points from the assumed assumption is given below:

| Particulars            |                     | Base   | (+)100 Basis Points | (-)100 Basis Points |
|------------------------|---------------------|--------|---------------------|---------------------|
| Discount Rate          | Assumptions         | 7.51%  | 8.51%               | 6.51%               |
|                        | PV of DBO (Rs. Cr.) | 253.93 | 214.83              | 305.42              |
|                        | Variation           |        | -15.40%             | 20.28%              |
| Medical Inflation Rate | Assumptions         | 6.75%  | 7.75%               | 5.75%               |
|                        | PV of DBO (Rs. Cr.) | 253.93 | 306.86              | 213.17              |
|                        | Variation           |        | 20.84%              | -16.05%             |

(Rs. in Crore)

| Statement Showing Benefit Information Estimated Future payments |            |            |
|---|------------|------------|
| Year  | 31.03.2023 | 31.03.2022 |
| 1   | 17.12      | 12.90      |
| 2   | 7.08       | 13.57      |
| 3   | 7.87       | 14.12      |
| 4   | 8.71       | 14.49      |
| 5   | 9.50       | 15.10      |
| 6 to 10   | 59.33      | 81.93      |

(Rs. in Crore)

| Statement showing present value of Obligation (Non-Current/Current) | As at<br>31.03.2023 | As at<br>31.03.2022 |
|---|---------------------|---------------------|
| Current liability   | 17.12               | 16.41               |
| Non-Current Liability   | 236.81              | 211.07              |
| <b>Net Liability</b>  | <b>253.93</b>       | <b>227.48</b>       |

Additional notes to the financial statements (standalone) for the year ended 31<sup>st</sup> March, 2023 (contd...)

### ACTUARIAL VALUATION OF CONTRIBUTORY POST RETIREMENT MEDICARE SCHEME (NON-EXECUTIVES)-DISCLOSURES AS PER IND AS-19 :

(Rs. in Crore)

| Changes in Present Value of defined benefit obligations                         | As at<br>31.03.2023 | As at<br>31.03.2022 |
|---|---------------------|---------------------|
| Present Value of obligation at beginning of the period                          | 596.07              | 421.44              |
| Current Service Cost  | 30.85               | 41.21               |
| Interest Cost   | 43.45               | 28.87               |
| Actuarial (Gain) / Loss on obligations due to change in demographic assumptions | -                   | 46.27               |
| Actuarial (Gain) / Loss on obligations due to change in financial assumption    | 3.12                | (35.70)             |
| Actuarial (Gain) / Loss on obligations due to experience adjustments            | 28.19               | 88.36               |
| Benefits Paid   | (62.48)             | (41.27)             |
| Other (Employee contribution, Taxes, Expenses)                                  | 26.77               | 46.89               |
| <b>Present Value of obligation at end of the period</b>                         | <b>665.97</b>       | <b>596.07</b>       |

(Rs. in Crore)

| Changes in Fair Value of Plan Assets                | As at<br>31.03.2023 | As at<br>31.03.2022 |
|---|---------------------|---------------------|
| Fair Value of Plan Asset at beginning of the period | -                   | -                   |
| Interest Income                                     | -                   | -                   |
| Employer Contributions                              | -                   | -                   |
| Benefits Paid                                       | -                   | -                   |
| Return on Plan Assets excluding Interest income     | -                   | -                   |
| Fair Value of Plan Asset as at end of the period    | -                   | -                   |

(Rs. in Crore)

| Statement showing reconciliation to Balance Sheet | As at<br>31.03.2023 | As at<br>31.03.2022 |
|---|---------------------|---------------------|
| Fund Liability                                    | 665.97              | 596.07              |
| Fund Asset  | -                   | -                   |
| <b>Un Funded Status</b>                           | <b>665.97</b>       | <b>596.07</b>       |

(Rs. in Crore)

| Statement showing Plan Assumptions: | As at<br>31.03.2023                                     | As at<br>31.03.2022                                     |
|-------------------------------------|---|---|
| Discount Rate                       | 7.51%   | 7.29%   |
| Medical Inflation Rate              | 6.75%   | 6.50%   |
| Mortality Rate                      | IALM (2012-14) Till age 59 & IIAMT (2012-15) Thereafter | IALM (2012-14) Till age 59 & IIAMT (2012-15) Thereafter |
| Morbidity Rate (Critical Illness)   | 10%   | 10%   |



Additional notes to the financial statements (standalone) for the year ended 31<sup>st</sup> March, 2023 (contd...)

(Rs. in Crore)

| Expense Recognized in Statement of Profit / Loss                     | As at<br>31.03.2023 | As at<br>31.03.2022 |
|--|---------------------|---------------------|
| Current Service Cost   | 30.85               | 41.21               |
| Net Interest Cost  | 43.45               | 28.87               |
| <b>Benefit Cost (Expense recognized in Statement of Profit/Loss)</b> | <b>74.30</b>        | <b>70.08</b>        |

(Rs. in Crore)

| Other Comprehensive Income  | As at<br>31.03.2023 | As at<br>31.03.2022 |
|---|---------------------|---------------------|
| Actuarial (Gain) / Loss on obligations due to change in demographic assumptions | -                   | 46.27               |
| Actuarial (Gain) / Loss on obligations due to change in financial assumption    | 3.12                | (35.70)             |
| Actuarial (Gain) / Loss on obligations due to experience adjustments            | 28.19               | 88.36               |
| <b>Benefit Cost (Expense recognized in Statement of Profit/Loss)</b>            | <b>31.31</b>        | <b>98.92</b>        |

### Sensitivity Analysis:

Discount Rate and Medical inflation Rate are significant actuarial assumptions. The change in the Present Value of Defined Benefit Obligation for a change of 100 Basis Points from the assumed assumption is given below:

| Particulars               |                     | Base   | (+)100 Basis<br>Points | (-)100 Basis<br>Points |
|---------------------------|---------------------|--------|------------------------|------------------------|
| Discount Rate             | Assumptions         | 7.51%  | 8.51%                  | 6.51%                  |
|                           | PV of DBO (Rs. Cr.) | 665.97 | 553.88                 | 817.21                 |
|                           | Variation           |        | -16.83%                | 22.71%                 |
| Medical Inflation<br>Rate | Assumptions         | 6.75%  | 7.75%                  | 5.75%                  |
|                           | PV of DBO (Rs. Cr.) | 665.97 | 821.05                 | 549.44                 |
|                           | Variation           |        | 23.29%                 | -17.50%                |

(Rs. in Crore)

| Statement Showing Benefit Information Estimated Future payments |  |            |            |
|---|--|------------|------------|
| Year  |  | 31.03.2023 | 31.03.2022 |
| 1   |  | 28.47      | 33.43      |
| 2   |  | 21.89      | 35.47      |
| 3   |  | 23.59      | 37.96      |
| 4   |  | 25.97      | 39.31      |
| 5   |  | 28.61      | 41.04      |
| 6 to 10   |  | 184.04     | 45.14      |

(Rs. in Crore)

| Statement showing present value of Obligation (Non-Current/Current) | As at<br>31.03.2023 | As at<br>31.03.2022 |
|---|---------------------|---------------------|
| Current liability   | 28.47               | 38.08               |
| Non-Current Liability   | 637.50              | 557.99              |
| <b>Net Liability</b>  | <b>665.97</b>       | <b>596.07</b>       |

Additional notes to the financial statements (standalone) for the year ended 31<sup>st</sup> March, 2023 (contd...)**4. UNRECOGNIZED ITEMS:****4.A: Contingent Liabilities**

(Rs. in Crore)

| S.No.  | Particulars   | As at<br>31.03.2023 | As at<br>31.03.2022 |
|--|---|---------------------|---------------------|
| <b>Claims against the Company not acknowledged as debts:</b> |   |                     |                     |
| (i)  | Demand from Divisional Forest Officer towards NPV for renewal of different mining leases – contested by the Company   | 7.91                | 7.91                |
| (ii)   | Workmen Compensation (cases contested – court)  | 1.93                | 1.94                |
| (iii)  | Motor Accident claims (cases contested – court)   | 0.26                | 0.29                |
| (iv)   | Police Guard (excess man power billed disputed)   | -                   | 2.98                |
| (v)  | S C Railways (damages, demurrages etc. disputed)  | 0.98                | 0.98                |
| (vi)   | Water Royalty (billed at Industrial rate disputed)  | -                   | 2.48                |
| (vii)  | Vacant Land Tax (Levy contested)  | -                   | -                   |
| (viii)   | Contractors, Suppliers & Customers  | 1,853.66            | 734.04              |
| (ix)   | Other disputed claims & Legal cases etc.  | 49.17               | 44.95               |
| (x)  | <p>Service Tax demands were raised on OBR contractors by Service Tax Department treating value of free issue explosives and HSD oil as additional consideration to them. The demands of Service Tax Department have been contested by the Service Providers. Pending adjudication of disputed demands, SCCL issued letter of comfort to the contractors with commitment to reimburse Service Tax, interest and penalty thereon in case the verdict goes against them.</p> <p>However, Larger Bench of CESTAT, New Delhi in the case of M/s. Bhayana Builders (P) Ltd., and others held that value of the goods and materials supplied free of cost of being neither monetary nor non-monetary consideration and would be outside the taxable value or the gross amount charged to Service Tax.</p> <p>In the appeal filed by M/s. SV Engg. Constructions, to whom comfort letter was given by SCCL, the Hyderabad Circuit Bench of CESTAT has given judgment in favour of M/s. SV Engg. Constructions.</p> <p>Further, in appeals filed by M/s. PLR Projects Pvt. Ltd., M/s Gulf Oil Corporation Ltd., M/s G RN Construction Pvt. Ltd., M/s. BGR Mining &amp; Infra Pvt. Ltd. And SV Engg. Constructions, CESTAT, Bangalore has passed a judgement in favour of the Contractors.</p> <p>Against the order passed by the CESTAT in the case of M/s. Gulf Oil Corporation Ltd, the Service Tax Department has filed a Civil Appeal in the Hon'ble Supreme Court. The Supreme Court has pronounced its judgement on the Civil Appeal stating that material issued free of cost does not attract service tax (Civil Appeal Nos 1335-1358 of 2015). However, as the individual orders for the cases filed by Contractors are yet to be received, the service tax liability against the Comfort Letter is considered as contingent liability.</p> | 337.64              | 337.64              |



*Additional notes to the financial statements (standalone) for the year ended 31<sup>st</sup> March, 2023 (contd...)*

| S.No.  | Particulars  | As at<br>31.03.2023 | As at<br>31.03.2022 |
|--------|--|---------------------|---------------------|
| (xi)   | (a) Excise Duty demands on quantity disputes.  | 5.70                | 5.70                |
|        | (b) Education Cess and Secondary Higher Education Cess demands raised by Excise Department from March, 2011 to March, 2015 contested by SCCL   | 0.78                | 0.78                |
|        | (c) CEC on Coal removed to Captive Power plants located at KGM & RGM for the period from Dec-12 to Dec-16  | 0.20                | 0.20                |
|        | (d) CEC on Closing Stock as on 30.06.2017 (Pre-GST)  | 223.39              | 223.39              |
| (xii)  | a) Tax Demands from Commercial Taxes Department (including entry tax) which are disputed by SCCL and pending before various appellate authorities for adjudication.  | 4.35                | 4.06                |
|        | b) GST on Forest Permit Fee under RCM from FY 2017-18 to FY 2022-23 (The Order passed by Appellate Authority of Advance Ruling, Telangana was contested before Hon'ble High Court vide WP No.10329 of 2023.  | 65.65               | -                   |
| (xiii) | Tax Demand from Income Tax department which are disputed by SCCL and pending before various appellate authorities for adjudication.  | 391.30              | 340.11              |
|        | Tax Demand from Income Tax department which are disputed by SCCL and pending before various appellate authorities for adjudication against which SCCL has filed Rectification Petition   | 31.70               | 26.46               |
| (xiv)  | a) Tax Demand on Irregular availment of credit on certain services which are ineligible (services connected to Transmission, Lighting, Canteen, Railway Siding, Maintenance and Repairs of Building, Laying and Repairs of Road, Bore well, RO plants, Air ticketing)  | 1.66                | 1.66                |
|        | b) Service Tax on DMFT, NMET and Forest Permit Fee against the showcause notice No.22/2019-20, Dt. 18.12.2019 issued by Commissioner of Central Tax and Customs for short payment of Taxes. The Service Tax demand for DMFT and NMET was requested to be kept pending in the call book pending final decision of Supreme Court in a similar matter. The Service Tax demand on the Forest Permit Fee was paid under protest.  | 112.76              | 112.76              |
| (xv)   | <p>Professional Tax:</p> <p>A Demand Notice has been issued by Dy.C.T.O KGM for an amount of Rs.176.44 Crore basing on G.O. No. 14897/CT-IV/2004, Dt. 23.02.2013 for recovery of arrears of Professional tax from employees and remittance to the Dept. for the years 1990-91 to 2012-13 which has been kept in abeyance based on the Management's representations. The Commissioner (CT), Hyderabad has referred the matter to the Govt of Telangana vide CCT's Ref No: A.(3)/109/2014 dated 28.09.2015 for kind examination of SCCL's request and to take appropriate decision regarding payment of professional tax of Rs.204.44 (Rs.176.44 plus 28.00 Crore for the period from April 2014 to May 2015). Till date, no further demand notice is received on the matter. The estimated Professional Tax for the further period of June 2015 to March 2023 is included in the Contingent Liability being reported.</p> | 289.26              | 279.96              |



*Additional notes to the financial statements (standalone) for the year ended 31<sup>st</sup> March, 2023 (contd...)*

| S.No.   | Particulars  | As at<br>31.03.2023 | As at<br>31.03.2022 |
|---------|--|---------------------|---------------------|
| (xvi)   | (a) Claims for additional compensation decided by the Lower Courts in favour pattadars which were contested by the company in Higher Courts for Acres 1,480 Guntas 10 ( PY Acres: 1,466, Guntas 19 3/4)  | 148.83              | 146.50              |
|         | (b) Claims in respect of suits filed by the Pattadars for additional compensation for Acres 3,437 Guntas 15 (Previous year: Acres: 3,538 Guntas 31 1/4) contested by the Company and pending in Courts.  | Not quantifiable    | Not quantifiable    |
| (xvii)  | An amount of Rs.13.56 Crore has been charged to M/s. B.G.R. Mining &Infra Pvt. Ltd., towards lead variation charges and recognised as income during the year 2012-13. As against recovered amount of Rs.13.56 Crore, an amount of Rs.5.81 Crore was released during the year 2013-14 keeping the Bank Guarantees for an amount of Rs.7.65 Crore as collateral security. A case has been filed by the contractor before the Hon'ble XXVI Addl Chief Judge, CCC, Hyderabad challenging the above recovery. |                     |                     |
| (xviii) | Coal pilferage was reported in Financial year 2013-14 involving 12099 Tonnes, valued at Rs.4.04 Crore. The party made a conditional deposit of Rs.4.37 Crore and the amount is kept under deposits. Pending enquiry issue is not dealt in the books.   |                     |                     |
|         | The contingent liability indicated above is excluding interest wherever applicable.  |                     |                     |

**4.B: CAPITAL COMMITMENTS**

(Rs. in Crore)

| S.No. | Particulars  | As at<br>31.03.2023 | As at<br>31.03.2022 |
|-------|--|---------------------|---------------------|
| 1     | Estimated value of capital commitment for 2 X 600 MW Singareni Thermal Power Project, Jaipur, Telangana State. | 457.74              | 606.90              |
| 2     | Estimated value of capital commitments of other contracts to be executed                                       | 786.78              | 436.18              |
| 3     | Estimated value of capital commitments - Solar Power Plants  | 459.03              | 127.41              |
|       | <b>Total</b>   | <b>1,703.55</b>     | <b>1,170.49</b>     |

**4.C: UNEXECUTED COMMITMENTS****4.C.1: Unexecuted Sale Commitments**

(Rs. in Crore)

| S.No. | Particulars   | As at<br>31.03.2023 | As at<br>31.03.2022 |
|-------|---|---------------------|---------------------|
| 1     | Value of Commitment against the Unexecuted Sale orders. | 3,292.05            | 4,019.12            |



Additional notes to the financial statements (standalone) for the year ended 31<sup>st</sup> March, 2023 (contd...)

#### 4.C.2: Unexecuted Purchase/Service order Commitments (Revenue) (Rs. in Crore)

| S.No. | Particulars  | As at<br>31.03.2023 | As at<br>31.03.2022 |
|-------|--|---------------------|---------------------|
| 1     | Value of Commitment against the Unexecuted Orders - Revenue Material | 6,209.13            | 1,419.87            |
| 2     | Value of Commitment against the Unexecuted Service orders - Revenue. |                     |                     |
|       | i) OB Removal Contracts  | 4,325.12            | 6,961.26            |
|       | ii) Coal Offloading Contracts  | 1,765.84            | 2,815.90            |
|       | iii) Coal & Sand Transport Contracts                                 | 695.97              | 485.60              |
|       | iv) Washery Services   | 1,257.35            | 1,283.51            |
|       | v) STPP O&M Contracts  | 217.57              | 286.29              |
|       | vi) Other Revenue Contracts  | 3,707.62            | 2,324.60            |
|       | <b>Total Commitments against Revenue Orders</b>                      | <b>18,178.60</b>    | <b>15,577.03</b>    |

#### 4.D: Other Commitments/Guarantees (Rs. in Crore)

| S.No. | Particulars  | As at<br>31.03.2023 | As at<br>31.03.2022 |
|-------|--|---------------------|---------------------|
| 1     | Bills Receivable from M/S.TS GENCO/ M/S.AP GENCO /M/S.TS TRANSCO discounted with Banks (HDFC/SBI/CANARA/IDBI). for which the Company has undertaken to indemnify the banks in the event of non-honouring of the Bills of Exchange by M/S.TS GENCO/M/S. AP GENCO/M/S. TS TRANSCO on maturity. | 4,144.16            | 3,359.79            |
| 2     | The balance value of Surrounding Habitats Assistance Programme (SHAPE) works to be executed.   | 0.49                | 3.97                |
| 3     | Liability on the Works sanctioned towards CSR under CSR policy of the company for the period upto FY 2018-19   | 24.03               | 26.37               |
| 4     | Commitment towards Contribution for setting up of Medical College at Ramagundam, Peddapalli District, Telangana  | 287.42              | 440.00              |
|       | <b>Total</b>   | <b>4,456.10</b>     | <b>3,830.13</b>     |

4.D.1 Out of these Bills of Exchange discounted for Rs. 4,144.16 Crore outstanding as on 31.03.2023, the following Bills have been honoured and discharged by the Customers as on 06.07.2023:

| Customer     | Discounted with | Bill Discounted (Rs. Crore) | Maturity date |
|--------------|-----------------|-----------------------------|---------------|
| TSGENCO      | SBI             | 30.00                       | 15-04-2023    |
| TSGENCO      | SBI             | 30.00                       | 15-05-2023    |
| TSGENCO      | SBI             | 90.00                       | 20-05-2023    |
| APGENCO      | SBI             | 307.73                      | 22-05-2023    |
| TSGENCO      | SBI             | 153.11                      | 29-05-2023    |
| TSTRANSCO    | IDBI            | 180.00                      | 23-06-2023    |
| TSGENCO      | SBI             | 252.52                      | 29-06-2023    |
| APGENCO      | SBI             | 300.00                      | 06-07-2023    |
| <b>Total</b> |                 | <b>1,343.36</b>             |               |



## 5. OTHER INFORMATION

### 5.1: Ind AS 115 -Revenue from Contracts with Customers

#### Significant judgments & other disclosures

##### 1. Identification of contract

###### (A) Coal

- a) Customers: Most of coal produced by the Company is supplied to thermal power plants. Coal is also supplied to various industries that include, cement, sponge iron & others and also for captive consumption.
- b) **Distribution and Marketing Policy:** Government of India has issued New Coal Distribution Policy (NCDP) on October 18, 2007 with an objective to meet the demand of coal from consumers of different sectors of the economy, both on short term and long term basis, in an assured, sustained, transparent and efficient manner with built - in commercial discipline. The Company abides by it.

The major types of arrangements / agreements as per NCDP are:

- i) **Fuel Supply Agreements (FSAs):** As contemplated in and in accordance with the terms of the New Coal Distribution Policy (NCDP), the Company enters into legally enforceable FSAs with customers. FSAs can be broadly categorized into: -
- FSAs with customers in the power utilities sector, including state power utilities, private power utilities (PPUs) and independent power producers (IPPs);
  - FSAs with customers in non-power industries (including captive power plants (CPPs))
  - FSAs through linkage route.
  - Memorandum of Understanding(MOU)

ii) **E-Auction Scheme:**

The E-Auction scheme of coal has been introduced to provide access to coal for customers who were not able to source their coal requirement through the available institutional mechanisms under the NCDP for various reasons, for example, due to a less than full allocation of their normative requirement under NCDP, seasonality of their coal requirement and limited requirement of coal that does not warrant a long-term linkage. The quantity of coal to be offered under E-Auction is reviewed from time to time by the Ministry of Coal, Government of India.

- iii) **Shakti:** A coal linkage policy named SHAKTI or the 'Scheme to Harness and Allocate Koyla (Coal) Transparently in India' was introduced with an objective to auction long-term coal linkages to power companies.

This policy award fuel supply agreements to coal plants already holding letters of assurance (LoAs). It is issued to new consumers on being approved by the appropriate authority, based on recommendation of a committee constituted. Specific terms & conditions of the LOA are to be complied with within a stipulated time period for being eligible to enter into FSA for commencing coal supply.

Thermal plants holding LoAs will be eligible to sign fuel supply pacts under the new policy after ensuring that all the conditions are met.

Coal linkages would be awarded to state-owned power distribution companies (DISCOMS). These, in turn, would assign linkages to:

- State or Central power generation companies via allocation, and
- Private units through auction.



*Additional notes to the financial statements (standalone) for the year ended 31<sup>st</sup> March, 2023 (contd...)*

Transfer of Title of Goods: Once delivery of Coal have been effected at the Delivery Point by SCCL, the property / title and risk of coal so delivered stand transferred to the purchaser in terms of this Agreement. Thereafter SCCL in no way be responsible or liable for the security or safeguard of the Coal so transferred. SCCL have no liability, including towards increased freight or transportation costs, as regards missing/diversion of wagons / rakes or road transport en-route, for whatever causes, by Railways, or road transporter or any other agency.

**(B) Power**

Power generated at Thermal Power Plant of the Company (STPP) is supplied to the TSDISCOMS, Telangana state power distribution companies. A separate power purchase agreement (PPA) is entered by the company with Electricity Distribution Company for 25 years valid up to 01.12.2041. The terms and conditions of PPA are as per prevailing Telangana State Electricity Regulatory Commission (TSERC) regulations.

**2. Performance Obligation (Transportation, Infrastructure and Logistics)**

**(A) Coal**

- a. Following the extraction of coal from a mine/working face, coal is transported to dispatch points through tipping trucks and conveyor belts. Coal is delivered to the customers from the dispatch points through rail, road, rope-way or dedicated rail MGR system.
- b. All consignments dispatched are weighed either at company owned weighbridges available at SCCL dispatch points or to the nearest weighbridges owned by the Railways. Sales are either “free on rail” or “free on road” from the designated dispatch points. Customers may choose the mode of transport between rail and road. If the dispatch point from the mines is within 20 kilometres, the customers bear such transportation cost at specified rates as notified by the company from time to time. In circumstances where the distance from the dispatch point is more than 20 kilometres from the mines, the customer bears the actual cost of transportation.
- c. The quality of coal delivered / to be delivered conforms to the specifications. The company makes adequate arrangements to assess the quality and monitor the same to ensure that un-graded Coal (GCV of less than 2200 Kcal/Kg for non-coking coal) is not loaded into the purchaser’s containers.
- d. The company delivers sized coal with size conforming to specifications. SCCL makes reasonable efforts to remove stones from coal.
- e. The Company uses magnetic separators and metal detectors, at its coal handling / loading system at the delivery point, where the same are already installed.

**(B) Power**

- a. As per PPA, SCCL (STPP) is required to operate the plant as a base load station as per manufacturers guidelines, applicable grid operating conditions, directions of the TSERC and relevant statutory provisions as applicable from time to time.
- b. SCCL is required to sell the capacity to the TSDISCOMs as per PPA shall, in each settlement period, be as 85% of the declared capacity(DC) of the plant as determined by TSERC Tariff Regulations issued from time to time.
- c. SCCL is required to follow the SLDC’s directives, to back down, increase or resume generation, decrease generation at time on a day, provided that such directives are consistent with the technical limits of facility, Prudent utility practices.



### 3. Transaction Price

#### (A) Pricing of coal

- a. The pricing of Non-Coking Coal is presently based on its Gross Calorific Value w.e.f. 01.01.2012 and that of Coking Coal & Washery Grade Coal is set on the basis of ash level content. Pricing of coal for Semi Coking Coal is set on the basis of ash & moisture content level. The coal price is revised considering the escalation in input cost, inflation and landed cost of imported coal. The final customer price includes basic price and other charges (Cess, Royalties, GST and others). Around 90% of Coal is sold under the long-term fuel supply agreements (FSAs) executed between company and the linked customers. In addition, coal is also sold under E-auction scheme.
- b. The Purchaser pays the Base Price of Coal in accordance with the provisions of the Agreement. The Base Price of Coal is declared by Company from time to time.
- c. The “As Delivered Price of Coal” for the Coal supplies pursuant to the Agreement is the sum of Base Price, Other Charges and Statutory Charges, as applicable at the time of delivery of Coal.
- d. Base price/Standalone price means, in relation to a Declared Grade of Coal produced by SCCL, the Pithead price notified from time to time by the company, as the case may be.
- e. **Variable Consideration:**
  - i. **Annual Contracted Quantity (ACQ):** At the inception of the every year the Annual Contracted Quantity of Coal is agreed which is to be supplied by SCCL and undertaken to be purchased by the Purchaser from SCCL’s mines and/ or from international sources. For part of Year, the ACQ is prorated accordingly. If for a Year, the Level of Delivery by SCCL, or the Level of Lifting by the Purchaser falls below ACQ with respect to that Year, the defaulting Party is liable to pay compensation to the other Party for such shortfall in Level of Delivery or Level of Lifting, as the case may be (Failed Quantity). MOUs are signed for one year and above ACQ quantity.
  - ii. **Performance Incentive:** If SCCL delivers Coal to the purchaser in excess of the determined percent of the ACQ in a particular Year, the purchaser pays SCCL an incentive (Performance Incentive/ PI).
  - iii. **Adjustment for Grade Variance (Coal Quality Variance):** SCCL gives regular credit/debit notes on account of Grade variance to the extent of difference in the Base Price of Declared Grade and analyzed Grade of Coal.
  - iv. **Other Charges:**
    - Surface Transportation charges:** Where Coal is transported by SCCL beyond the distance of three (3) KMs from pithead to the delivery point, the purchaser pays surface transportation charges, as notified by SCCL from time to time.
    - Sizing/Crushing charges:** Where Coal is crushed by mechanical means for limiting the top-size to 100mm, or any other lower size, the Purchaser pays sizing/crushing charges, as applicable and notified by SCCL from time to time.
    - Rapid Loading Charges:** Where Coal is loaded through rapid loading system, the Purchaser pays rapid loading charges notified by SCCL from time to time.
    - Evacuation charges:** Recovery of evacuation charges is also done at the specified rate. In all cases, the entire freight charges, irrespective of the mode of transportation of the Coal supplied, is borne by the Purchaser.



*Additional notes to the financial statements (standalone) for the year ended 31<sup>st</sup> March, 2023 (contd...)*

**Additional charges:** The Company collects additional charges like additional transport/ rehandling cost, additional charges for coal loaded at specified sidings, Land adjustment, Engine Shunting charges, Fuel Supply Surcharge, Forest Permit Fee and other elements at the rates notified from time to time.

In all cases, the entire freight charges, irrespective of the mode of transportation of the Coal supplied, is borne by the Purchaser.

- f. **Statutory Charges:** The statutory charges comprises royalties, cesses, GST, levies etc. if any, payable under relevant statute but not included in the Base Price and/or other charges, is payable by the purchaser. These levies/charges become effective from the date as notified by the Government/ statutory authority.

## **(B) Pricing of Power**

- a. The tariff for electricity supplied would be as determined under the tariff regulations of TSERC and tariff order thereof from time to time. Tariff for sale of electricity would be based on prevailing TSERC regulations from time to time.
- b. Capacity charges are to be approved by the TSERC for each tariff year, to be claimed by SCCL.
- c. Variable charges like Coal, Secondary fuel oil are calculated as per agreed formula under PPA and are shown separately in monthly thermal energy bills. Incentives shall be calculated as per target plant load factor as specified in Tariff order for 2x600MW Power Plant as a whole.

## **4. PAYMENT**

### **(A) Coal**

#### **i. Fuel Supply Agreement - Credit Sales**

- a. NTPC - Payment is to be received from the Purchaser within three days from the date of submission of bills. Bills will be raised on daily basis.
- b. TSGENCO / APGENCO - Bills will be raised in the first lot from 1<sup>st</sup> to 7<sup>th</sup> of the month, second lot from 8<sup>th</sup> to 20<sup>th</sup> and third lot from 21<sup>st</sup> to the 30<sup>th</sup>/31<sup>st</sup> of the month. The Purchaser has to release the payment within five days from the date of submission of bills (excluding day of submission).
- c. KPCL / MSEB - Bills will be raised in first lot from 1<sup>st</sup> to 10<sup>th</sup>, second lot 11<sup>th</sup> to 20<sup>th</sup> and third lot from 21<sup>st</sup> to 30<sup>th</sup>/31<sup>st</sup> of the month. Payment has to be received within three days from the date of submission of bills (excluding day of submission).
- d. In addition to the above, SCCL will go for MOUs for the above FSA customers, bridge linkage and non-bridge linkage power customers for supply of coal on best efforts basis.

#### **ii. E-Linkage - Auction of Linkage (AOL).**

The customers without FSA and MOC Linkage are to be participated in the bidding in the open auction. All the Power and Non-Power customers excluding the above and whose requirement of coal is more than 10,000 Tons per annum are mandatorily get allotment of coal through auction of linkage (E-Linkage). MOC has given an option to the customers to participate in AOL bidding or not, if their annual requirement is 4200 to 10,000 Tons Per Annum. AOL contractors are in the nature of Long Term Contracts of five years are considered AS FSA customers. Payment is 100% advance against each sale order. The bidding quantity in the first year which is called as Annual Contracted Quantity (ACQ) will be considered for the next five years.

- iii. E-Auction - These are short term contracts for a period of three months. MOC has fixed maximum E-Auction quantity is 10% of the total despatch quantity. All the customers' viz., Power, Non-Power and FSA, Non-FSA and Open Order customers can participate in the bidding. Payment is 100% advance.

*Additional notes to the financial statements (standalone) for the year ended 31<sup>st</sup> March, 2023 (contd...)*

- iv. Rail Customers - Long term purchasers and good credit track record are extended credit of one rake for three bank working days subject to submission of one rake advance amount in the form of Cash Guarantee or Bank Guarantee. If the customer fails to repay the amount within three days, interest will be charged equivalent to SBI CC Rate applicable to SCCL.

The Purchaser makes advance payment for a month in three (3) instalments for availing Coal supplies from SCCL – first (1<sup>st</sup>) instalment on the first (1<sup>st</sup>) day of the month, second (2<sup>nd</sup>) instalment on the eleventh (11<sup>th</sup>) day of the month and the third (3<sup>rd</sup>) instalment on the twenty first (21<sup>st</sup>) day of the month. Each of these payment instalments cover the As Delivered Price of Coal for the Coal quantities that is one-ninth (1/9<sup>th</sup>) of the QQ concerned.

Further, each of these instalments takes into account the average of Base Prices of Grades. However, the third (3<sup>rd</sup>) instalment also include the adjustment amount with regard to the actual quantity of Coal delivered and the quality of Coal vis-à-vis the advance payment made for the previous month. For the avoidance of any doubt, such adjustment amount also includes the adjustment of quantity and quality.

- v) Advances received from the customers are reported as customer's deposits (contract liabilities) unless the conditions for revenue recognition are met.
- vi) Advance payment made by the Purchaser is non-interest bearing, and it changes in accordance with change in the As Delivered Price of Coal. No significant finance component is included therein.
- vii) Bills of Miscellaneous Claims:
- Compensation for short supply/lifting, is payable by the defaulting Party to the other Party within a period of ninety (90) days from the date of receipt of claim failing which it will attract interest.
  - After expiry of the Year, SCCL submits an invoice to the Purchaser with respect to the Performance Incentive and the Purchaser pays the amount so due within thirty (30) days of the receipt of the invoice failing which it attract interest.
- viii) Annual Reconciliation / Adjustments: SCCL and the Purchaser jointly reconcile all payments made for the monthly Coal supplies during the Year by end of April of the following Year. The Parties, forthwith, give credit/debit for the amount falling due, if any, as assessed during such joint reconciliation. The annual reconciliation statement is be jointly signed by the authorized representative of SCCL and the Purchaser which is final and binding on both, SCCL and the purchaser.

**(B) Power**

- a. The monthly bill raised under PPA/Tariff order includes charges for supply of electricity, taxes, duties and cess. Monthly bills are based on meter reading taken that has been mutually agreed by the both of the parties.
- b. Due date for payment for monthly bills presented is 60 days from the date of raising of Bill.
- c. Rebate can be granted by SCCL which can be maximum to 2 percentage. If payments are made within a week, maximum rebate granted to 1.25 percentage.
- d. Additional bills on account of TSERC Regulations/ TSERC orders/ appellate tribunal of electricity/ other court/ other competent authority to be billed through supplementary invoice unless included in monthly invoice.
- e. Payment is to be by TSDISCOMS by irrevocable letter of credit. Appropriation of payment made is to be governed in mutually agreed manner as per PPA.
- f. In case of any dispute, 95% of the disputed amount along with objection is to be filed within 30 days.



Additional notes to the financial statements (standalone) for the year ended 31<sup>st</sup> March, 2023 (contd...)

## 5.2: Ind AS 116 : Leases

- 5.2.1 In pursuance of the provisions of Ind AS 116 – Leases effective from 01.04.2019, the Company had recognised the Lease Liabilities and Right of Use Assets, in respect of the Leases contained in the Service/Hiring Contracts in operation where the contracts convey the right to control the use of the identified Assets to the Company as a Lessee.
- 5.2.2 The amounts payable in respect of Low Value leases up to Rs.2.00 lakhs/PM per Asset and the Short term leases of 12 months or less are fully charged to expense.
- 5.2.3 During the year, further Lease liabilities Rs.15.21 Crore and Right of Use Assets at the corresponding amount are recognised in respect of the new Leases commenced during the Year 2022-23 (Previous Year 12.10 Crore). Further, Lease Liability and ROU Assets for an amount of Rs.0.13 Crore have been recognized due to remeasurement of Lease Liability consequent to Lease Modifications. (Previous Year of Rs.3.96 Crore).
- 5.2.4 During the year, Finance cost of Rs.1.50 Crore (being the unwinding cost of interest of Rs.0.82 Crore at respective rates on the Previous Year Leases after remeasurements and Rs.0.68 Crore @ 7.44% on the new leases recognised during the year) and depreciation on Right of Use Assets for an amount of Rs.16.09 Crore (on straight line basis over the lease period of comprising of Rs.10.64 Crore on the Previous Year Right of Use Assets after remeasurements and Rs.5.45 Crore on the Fresh Right of use Assets recognised during the year) is charged off to Statement of Profit and Loss for the year 2022-23 after depreciation retirements of Rs.28.99 (Previous year - Unwinding cost of Rs.1.40 Crore-Restated and Depreciation of Rs.14.90 Crore).
- 5.2.5 The identified value of lease payments of Rs.17.74 Crore after remeasurements (Previous year Rs.16.19 Crore) have been reduced from respective lease liabilities and the Hiring cost of the Assets. The overall impact of the implementation of the Ind AS 116- Leases for FY 2022-23 is Rs.0.14 Crore only (Previous year Rs.0.30 Crore-Restated ) (net decrease in expenditure).
- 5.2.6 The carrying amounts of Lease Liability and the Right of Use Assets as on 31.03.2023 are Rs.15.86 Crore (Previous year Rs.16.75 Crore-Restated) and Rs.15.23 Crore (Previous Year Rs.15.98 Crore) respectively after remeasurement.

### 5.2.7 Movement in Lease liabilities is given below:

(Rs. in Crore)

| Particulars                           | 2022-23 | 2021-22 |
|---------------------------------------|---------|---------|
| Balance at the beginning of the year  | 16.75   | 16.41   |
| Additions during the year             | 15.34   | 16.06   |
| Finance Costs accrued during the year | 1.51    | 1.40    |
| Deletions                             | -       | (0.93)  |
| Payment of lease liabilities          | (17.74) | (16.19) |
| Balance at the end of the year        | 15.86   | 16.75   |

### 5.2.8 Contractual maturities of lease liabilities on undiscounted basis:

(Rs. in Crore)

| Particulars           | 2022-23 | 2021-22 |
|-----------------------|---------|---------|
| Less than one year    | 11.86   | 10.83   |
| One to three years    | 4.97    | 5.92    |
| More than three years | -       | -       |





*Additional notes to the financial statements (standalone) for the year ended 31<sup>st</sup> March, 2023 (contd...)*

## **5.2A: Government Grants:**

### **CCDAC GRANTS:**

- 5.2A.1 During the current year, Revenue of Rs.7.69 Crore is recognised as Revenue Grants against the Protective works as per the approval accorded by CCDAC (Previous year Rs.1.82 Crore). Further, as CCDAC is not considering the claims submitted by the company for sand stowing subsidy post implementation of GST, no Revenue is recognised on the same during the current year also( Previous Year "NIL").
- 5.2A.2 During the year Capital grants of Rs.151.47 Crore were approved by CCDAC and accordingly recognized as receivable during the current year and adjusted against the carrying amount of related assets (Previous Year NIL) (Refer Note No.27.3)
- 5.2A.3 During the year an amount of Rs.0.67 Crore (Previous Year Rs.3.16 Crore) and Rs.45.04 Crore (Previous Year Rs.58.80 Crore) have been received against the Revenue and Capital Grants respectively approved by CCDAC in the earlier years.

### **SOLAR GRANTS - VIABILITY GAP FUNDING (VGF)**

- 5.2A.4 During the year, no further proceeds of Viability Gap Funding (VGF) are received from Solar Energy Corporation of India (Previous Year Rs.27.37 Crore). (Refer Note No.4.2 and 24.2).
- 5.2A.5 Further, the second and final instalment of VGF Grant of Rs.27.00 Crore against the Solar Power Plants (Phase-II) received on 12.06.2023 have been recognized as receivable on Reporting Date and reduced from the corresponding value of the related Assets (Refer Note No:8.5)



**Dragline Machine in operation at RG OC-3**



Additional notes to the financial statements (standalone) for the year ended 31<sup>st</sup> March, 2023 (contd...)

### 5.3: PROVISIONS

The position and movement of various provisions as on 31.03.2023 are given below:

(Rs. in Crore)

| Provisions   | Opening Balance as on 01.04.2022 | Addition during the year | Write back/ Adj./ payments during the year | Unwind- ing of discounts | Closing Balance as on 31.03.2023 |
|--|----------------------------------|--------------------------|--|--------------------------|----------------------------------|
| <b>Note 3: Property, Plant and Equipments:</b>       |                                  |                          |  |                          |                                  |
| Impairment of Assets                                 | 709.10                           | 68.98                    | (157.77)                                   | -                        | 620.31                           |
| <b>Note 4: Capital Work in Progress</b>              |                                  |                          |  |                          |                                  |
| Impairment of Assets                                 | 118.06                           | 0.18                     | (60.38)                                    |                          | 57.86                            |
| <b>Note-6: Investments</b>                           |                                  |                          |  |                          |                                  |
| Provision for Diminution of Investments              | 0.02                             | -                        | -  | -                        | 0.02                             |
| <b>Note-8: Other Financial Assets</b>                |                                  |                          |  |                          |                                  |
| Prov Bad and doubtful debtors                        | 13.40                            | 2.05                     | -  | -                        | 15.45                            |
| <b>Note 11: Inventories:</b>                         |                                  |                          |  |                          |                                  |
| Provision for Obsolete and Non Moving Stores         | 73.28                            | 17.15                    | -  | -                        | 90.43                            |
| Provision for Damages & Shortages                    | 0.21                             | -                        | -  | -                        | 0.21                             |
| Provision for Coal Stock/ Deterioration              | 4.61                             | -                        | (3.54)                                     | -                        | 1.07                             |
| <b>Note 12: Trade Receivables</b>                    |                                  |                          |  |                          |                                  |
| Prov. for Shale & Stone / Grade Variance             | 11.52                            | 361.54                   | -  | -                        | 373.06                           |
| Provision for Grade Variance-Disputed Samples        | 76.76                            | 17.19                    | -  | -                        | 93.95                            |
| Prov. for Expected Credit Loss - Coal                | 56.39                            | 40.44                    | (1.20)                                     | -                        | 95.63                            |
| Prov. for Expected Credit Loss - Power               | 161.50                           | -                        | -  | -                        | 161.50                           |
| Prov. for Expected Credit Loss - Services            | -                                | 0.39                     | -  | -                        | 0.39                             |
| Prov. for Expected Credit Loss - Solar               | -                                | 0.64                     | -  | -                        | 0.64                             |
| <b>Note 15: Current Tax Asset</b>                    |                                  |                          |  |                          |                                  |
| Provision for Taxation                               | 1,465.68                         | 397.27                   | (529.12)                                   | -                        | 1,333.83                         |
| <b>Note-16: Other Current Assets</b>                 |                                  |                          |  |                          |                                  |
| Prov for Bad & doubtful advances                     | 14.69                            | 4.09                     |  |                          | 18.78                            |
| <b>Note 22: Non-Current &amp; Current Provision:</b> |                                  |                          |  |                          |                                  |
| Gratuity   | 3,311.03                         | 165.90                   | (743.14)                                   | 190.40                   | 2,924.19                         |
| Leave encashment - Vesting                           | 672.02                           | 110.17                   | (24.12)                                    | 48.55                    | 806.62                           |
| Leave Entitlement – Non vesting                      | 171.43                           | 20.13                    | -  | -                        | 191.56                           |
| MMC & LPE  | 141.06                           | -                        | 56.17                                      | -                        | 197.23                           |
| Settling Allowance                                   | 69.80                            | 35.01                    | -  | -                        | 104.81                           |
| Leave Travel Concession                              | 66.31                            | 16.95                    | -  | -                        | 83.26                            |
| CPRMS – (E)  | 227.48                           | 14.08                    | (4.21)                                     | 16.58                    | 253.93                           |
| CPRMS – (NE)   | 602.58                           | 30.85                    | (10.91)                                    | 43.45                    | 665.97                           |
| Superannuation Benefit                               | 396.01                           | -                        | (11.22)                                    | -                        | 384.79                           |
| Performance related pay – Exe                        | 201.24                           | 117.39                   | (79.81)                                    | -                        | 238.82                           |
| Performance Linked Reward Scheme(PLR) (Exgratia)     | 297.53                           | 315.32                   | (297.53)                                   | -                        | 315.32                           |
| Corporate Special Incentive                          | 355.84                           | 671.19                   | (360.29)                                   | -                        | 666.74                           |
| Pay Revision Arrears (NCWA-XI)                       | 434.42                           | 1,131.89                 | -  | -                        | 1,566.31                         |
| OBR (Net of Advance Action)                          | 4,383.57                         | 2,653.23                 | 22.78                                      | -                        | 7,059.58                         |
| Backfilling  | 10,314.03                        | 3,014.14                 | (1858.21)                                  | 764.84                   | 12,234.80                        |
| Water Body   | 4,579.32                         | 565.05                   | (7.91)                                     | 410.92                   | 5,547.38                         |
| Mine Closure Plan                                    | 1,306.71                         | -                        | (73.67)                                    | 102.54                   | 1,335.59                         |
| Remedial Action Plan                                 | 87.81                            | 9.65                     | (17.10)                                    | -                        | 80.36                            |
| Provision for Environment Compensation (NGT)         | 41.21                            | 0.13                     | -  | -                        | 41.34                            |
| CER & PH Commitments                                 | -                                | 15.95                    | -  | -                        | 15.95                            |



Additional notes to the financial statements (standalone) for the year ended 31<sup>st</sup> March, 2023 (contd...)

## 5.4: EARNINGS PER SHARE'

For Profit after Tax (excluding Other Comprehensive Income):

| Sl. No. | Particulars   | For the year ended 31.03.2023 | For the year ended 31.03.2022 |
|---------|---|-------------------------------|-------------------------------|
| i)      | Net profit after tax attributable to Equity Share Holders (in Rs.Crore) | 2,596.40                      | 1,229.52                      |
| ii)     | No. Of Equity Shares Outstanding(In Number)                             | 17,33,198,119                 | 17,33,198,119                 |
| iii)    | Basic Earnings per Share (in Rs.) (Face value Rs.10/- per share)        | 14.98                         | 7.09                          |

## 5.5: RELATED PARTY DISCLOSURES

### 1. Details of Related Parties:

a) Entities exercising significant influence on the Company – NIL

b) Entities in which the Company has control :

i) **Subsidiary Company:**

Andhra Pradesh Heavy Machinery & Engineering Limited, Vijayawada

ii) **Joint Venture:**

The Company has formed a Joint Venture M/s. APMDC-SCCL Suliyari Coal Company Ltd with M/s APMDC for exploration of coal in Suliyari Coal Block which is under voluntary Winding up.

c) **Post Employment Benefit Funds:**

i) Employees Group Gratuity Trust - 2003

ii) Executive Defined Contribution Pension Scheme -2007

iii) Contributory Post Retirement Medicare Scheme for Executive Trust

iv) Contributory Post Retirement Medicare Scheme for Non-Executives Trust

d) **Other Related Parties:**

i) Singareni Collieries Educational Society (SCES), Kothagudem

ii) Singareni Seva Samithi (SSS), Kothagudem

e) **Key Management Personnel (KMP) of the Company :**

| S.No. | Name                     | Position                           | Period                            |
|-------|--------------------------|------------------------------------|-----------------------------------|
| 1     | Sri N. Sridhar           | Chairman & Managing Director       | Full period                       |
| 2     | Sri S. Chandrasekhar     | Director (Operations)              | Upto 31.01.2023                   |
|       |                          | Director (PA&W) (FAC)              | From 20.08.2022 to 31.01.2023     |
| 3     | Sri. N. Balram           | Director (Finance)                 | Full period                       |
|       |                          | Director(Planning & Projects)(FAC) | Upto 31.01.2023                   |
|       |                          | Director (P.A&W) (FAC)             | Upto 19.08.2022 & From 01.02.2023 |
| 4     | Sri.D. Satyanarayana Rao | Director (Electrical & Mechanical) | Full period                       |
| 5     | Sri NVK Srinivas         | Director (Operations)              | From 01.02.2023                   |



*Additional notes to the financial statements (standalone) for the year ended 31<sup>st</sup> March, 2023 (contd...)*

| S.No. | Name                     | Position                       | Period          |
|-------|--------------------------|--------------------------------|-----------------|
| 6     | Sri G.Venkateswara Reddy | Director (Planning & Projects) | From 01.02.2023 |
| 7     | Sri Manoj Kumar          | Nominee Director               | Full Period     |
| 8     | Sri PSL Swami            | Nominee Director               | Upto 24.10.2022 |
| 9     | Sri D.K.Solanki          | Nominee Director               | Full Period     |
| 10    | Sri K. Ramakrishna Rao   | Nominee Director               | Full Period     |
| 11    | Sri Sunil Sharma         | Nominee Director               | Full Period     |
| 12    | Smt. Santhosh            | Nominee Director               | From 22.02.2023 |
| 13    | Smt.K. Sunitha Devi      | Company Secretary              | Full Period     |

## 2. Transactions with related parties during the year:

### a) Remuneration of Key Management Personnel (KMP): (Rs. in Crore)

| S.No. | Name of the KMP         | FY 2022-23 | FY 2021-22 |
|-------|-------------------------|------------|------------|
| 1     | Sri N. Sridhar          | 0.57       | 0.49       |
| 2     | Sri S. Chandrasekhar    | 0.80       | 0.73       |
| 3     | Sri N Balram            | 0.22       | 0.21       |
| 4     | Sri D.Satyanarayana Rao | 0.78       | 0.66       |
| 5     | Sri G.Venkateswar Reddy | 0.11       | -          |
| 6     | Sri NVK Srinivas        | 0.11       | -          |
| 7     | Smt. K. Sunitha Devi    | 0.43       | 0.37       |

### b) Sitting Fees paid to Key Management Personnel (KMP) (Rs. in Crore)

| S.No. | Payment to Independent Directors | FY 2022-23 | FY 2021-22 |
|-------|----------------------------------|------------|------------|
| 1     | Sitting Fees                     | -          | -          |

### c) Sitting Fees paid to Key Management Personnel (KMP) (Rs. in Crore)

| S.No. | Particulars                    | FY 2022-23 | FY 2021-22 |
|-------|--------------------------------|------------|------------|
| 1     | Purchase of Materials/Services | 27.05      | 17.61      |
| 2     | Services provided              | 1.80       | 1.70       |

The APHMEL has been in schedule-IX Companies under the A.P. Reorganisation Act, 2014. As approved by the shareholders of APHMEL in the extraordinary general meeting held on 01.04.2017 and reconfirmed by the Board in the meeting held on 04.09.2017, MD, APHMEL vide Lr.No.APHMEL/MD/SR/2018 dt.31.1.2018 submitted demerger proposal to the Expert Committee seeking for "apportionment of 0.86% of equity of APHMEL amounting to Rs.14,90,100/- held by erstwhile Govt. of AP between the successor States of AP and Telangana in the ratio of 58.32 : 41.68 as mentioned in the Act i.e., allocation of 86,903 equity shares to the present Govt., of AP and 62,107 equity shares to the Govt. of Telangana being the only issue to be resolved under the AP Reorganisation Act, 2014 with respect to APHMEL."

Contrary to the demerger proposal submitted by MD, APHMEL, the Expert Committee vide DO Lr.No.5614/Expert Committee/2014 dt.15.03.2018 of Chairman of the Committee, has given its recommendation to the effect that APHMEL shall pass to the residual state of Andhra Pradesh in its entirety in terms of Section 53(1) of the A.P. Reorganisation Act, 2014 since its all the assets & liabilities are located in that State.

*Additional notes to the financial statements (standalone) for the year ended 31<sup>st</sup> March, 2023 (contd...)*

The Company (SCCL) has furnished its objections to the Expert Committee recommendation on APHMEL vide Lr.No.CRP/CS/437/374 dt.28.03.2018 to the Spl.Chief Secretary, Energy Dept., GoT. Vide DO Lr.No.1583/Budget A 2/2017 dt.21.05.2018, Chief Secretary to the GoT has requested Secretary, Ministry of Home Affairs, GoI to set aside the recommendation of the Expert Committee on APHMEL and issue directions under Section 71(a) of the Act regarding the division of the interests in the shares of the then Andhra Pradesh in APHMEL and protect the interests of Telangana and Central Govt. as the SCCL is a joint Company of Telangana and Central Govt. Communication is yet to be received from the Ministry of Home Affairs, GoI on the subject.

**d) Transactions with Joint Venture - M/s. APMDC-SCCL Suliyari Coal Company Ltd:**

During the year there are no operations. The Joint Venture was formed for exploration of coal in Suliyari Coal Block. Hon'ble Supreme Court vide its judgement dated 25.08.2014 has cancelled this Coal Blocks allocation. In the SCCL's Board meeting held on 04.03.2017, it was accorded approval for voluntary winding up of the JV Company and seeking repayment of Rs.9.80 Crore from JV Company which was contributed by the company.

The winding up proceedings of the JV Company are yet to commence. The Company has made provision towards diminution in the value of investments for Rs.49,000/- (Share Capital) and doubtful advances for Rs.9.80 Crore ( Share application money kept in Advances account).

**Details of Interest of the Company in Joint Venture as per IND AS-111:**

|       |  |
|-------|--|
| (i)   | Name of the Joint Venture entity: APMDC – SCCL Suliyari Coal Company Ltd.  |
| (ii)  | Country of Incorporation : India   |
| (iii) | Principal Activities : Coal & Lignite mining; generating power through Wind, Tidal and Solar sources and Setting up integrated power plants  |
| (iv)  | Ownership interest: 49%  |
| (v)   | Original cost of Investment: Rs.49,000/- & Rs.9,79,51,000/- paid towards Share application.  |
| (vi)  | Aggregate amounts related to interest in Joint Venture entity: The Company's interest in the aforementioned entity's assets, liabilities, income and expenditure are not disclosed as the entities financials are not finalised yet. |

**3. Balances receivable from / payable to related parties:****a) Subsidiary – M/s APHMEL, Vijayawada**

(Rs. in Crore)

| S.No. | Particulars                     | For the year ended<br>31.03.2023 | For the year ended<br>31.03.2022 |
|-------|---------------------------------|----------------------------------|----------------------------------|
| 1     | Trade Receivables               | 0.25                             | 0.25                             |
| 2     | Trade Payables                  | 4.65                             | 2.05                             |
| 3     | Payable towards Capital Goods   | 6.46                             | 4.41                             |
| 4     | Security Deposits of Subsidiary | 0.01                             | 1.64                             |
| 5     | Investments in Subsidiary       | 9.18                             | 9.18                             |



Additional notes to the financial statements (standalone) for the year ended 31<sup>st</sup> March, 2023 (contd...)

**b) Other Payables (Employee Related - KMP)**

(Rs. in Crore)

| S.No. | Name of the KMP         | FY 2022-23 | FY 2021-22 |
|-------|-------------------------|------------|------------|
| 1     | Sri N. Sridhar          | 0.03       | 0.02       |
| 2     | Sri S. Chandrasekhar    | -          | 0.01       |
| 3     | Sri N Balram            | 0.01       | 0.01       |
| 4     | Sri D.Satyanarayana Rao | 0.01       | 0.02       |
| 5     | Sri G.Venkateswar Reddy | 0.01       | -          |
| 6     | Sri NVK Srinivas        | 0.01       | -          |
| 7     | Smt. K. Sunitha Devi    | 0.02       | 0.01       |

**4. Transactions and Balances with Employee Benefit Trusts/other parties:**

**a) Employees Group Gratuity Trust:**

(Rs. in Crore)

| Transaction/Balances  | FY 2022-23 | FY 2021-22 |
|---|------------|------------|
| Contributions made during the year                          | 1,096.63   | 332.00     |
| Claims settled by the Trust during the year                 | 687.05     | 437.89     |
| Closing fund balance with Trust *                           | 1,115.13   | 664.73     |
| Unfunded liability towards gratuity provided by the Company | 2,922.40   | 3,309.21   |

\* For 2021-22, including an amount of Rs.17.99 Crore pertaining to the employees who have been reinducted and have not refunded the Gratuity received by them as a part of terminal benefits.

**b) Other Employee Benefit Trusts:**

(Rs. in Crore)

| Particulars   | Contributions during the year/ Claims settled on behalf of Trusts |         | Balance outstanding as on Reporting Date |            |
|---|---|---------|--|------------|
|   | 2022-23   | 2021-22 | 31.03.2023                               | 31.03.2022 |
| Executive Defined Contribution Pension Scheme -2007                             | 37.81   | 5.51    | 378.77                                   | 396.01     |
| Contributory Post Retirement Medicare Scheme for Executive Trust(CPRMS-E)       | 11.04   | 10.78   | 253.93                                   | 227.48*    |
| Contributory Post Retirement Medicare Scheme for Non-Executives Trust(CPRMS-NE) | 62.48   | 41.27   | 665.97                                   | 602.58 #   |

\* This includes liability recognized based on Actuarial Valuations.

# This includes the amounts contributed by the Employees and also the liability recognized based on Actuarial Valuations (Restated).

**c) Transactions and Balances with other parties are as follows:**

(Rs. in Crore)

| Name   | Balance payable as on 01.04.2022 | Revenue Grants Sanctioned during the year | Funds released during the year | Closing Balance as on 31.03.2023 |
|--|----------------------------------|---|--------------------------------|----------------------------------|
| Singareni Collieries Educational Society, Kothagudem | 18.32                            | 30.56                                     | 31.51                          | 17.37                            |
| Singareni Seva Samithi, Hyderabad                    | -                                | 0.78                                      | 0.78                           | -                                |



Additional notes to the financial statements (standalone) for the year ended 31<sup>st</sup> March, 2023 (contd...)

## 5.6: SEGMENT REPORTING

The Company has presented segment information in the Consolidated Financial Statements which are presented in the same Financial Report. Accordingly, in terms of Paragraph 4 of Ind AS 108 'Operating Segments', no disclosures related to Segments are presented in this Standalone Financial Statements.

## 5.7: TAXATION

### (i) Accounting for Taxes on Income under Ind AS-12: Calculation of Deferred Tax and Movement for the year 2022-23

(Rs. in Crore)

| DEFERRED TAX ASSETS/ LIABILITY |  | As at<br>31.03.2023 | Recognised in<br>Statement of<br>Profit and Loss | As at<br>31.03.2022 |
|--------------------------------|--|---------------------|--|---------------------|
| <b>A</b>                       | <b>Deferred Tax Liabilities</b>                  |                     |  |                     |
|                                | Depreciation                                     | 996.69              | (14.30)  | 1010.99             |
|                                | <b>Total</b>                                     | <b>996.69</b>       |  | <b>1010.99</b>      |
| <b>B</b>                       | <b>Deferred Tax Assets</b>                       |                     |  |                     |
|                                | Back filling, Waterbody & Mine Closure Provision | 275.97              | (479.85)   | 755.82              |
|                                | Gratuity   | 627.15              | (147.73)   | 774.88              |
|                                | Other Employment Benefits                        | 683.79              | 97.54  | 586.25              |
|                                | Overburden Removal                               | 349.38              | (38.70)  | 388.08              |
|                                | Other Provisions                                 | 435.09              | 99.80  | 335.29              |
|                                | <b>Total</b>                                     | <b>2,371.38</b>     | <b>(468.94)</b>                                  | <b>2840.32</b>      |
|                                | <b>Deferred Tax Assets (net) (B-A)</b>           | <b>1,374.69</b>     | <b>(468.94)</b>                                  | <b>1829.33</b>      |

### ii) Relationship between Tax Expense and Accounting Profit:

Numerical Reconciliation of difference:

(Rs. in Crore)

| Sl. No. | Nature of Adjustments  | For the Year ended<br>31.03.2023 |
|---------|--|----------------------------------|
| 1       | Net profit as per Statement of Profit and Loss (before tax)          | 3,574.07                         |
| 2       | Add/Less: Differences as per Income Tax Act                          | (1994.13)                        |
| 3       | Taxable Profit for the purpose of Income Tax                         | 1579.94                          |
| 4       | Applicable tax rate @25.168%u/s 115BAA                               | 25.168%                          |
| 5       | IT on Taxable profit as per Income Tax Act, 1961 (3*4)               | 397.64                           |
| 6       | Taxes as per P&L A/c   |                                  |
|         | a) Current year tax  | 397.27                           |
|         | b) Deferred Tax in P&L   | 454.63                           |
|         | c) Deferred Tax in OCI   | 125.77                           |
|         | d) Tax related to earlier years                                      | -                                |
| 7       | Net tax liability as per P&L A/c (6a+6b+6c+6d)                       | 977.67                           |
| 8       | Other Comprehensive Income (Net of Deferred Tax)                     | (373.94)                         |
| 9       | Profit after Tax (Total comprehensive income for the period) (1-7+8) | <b>2,222.46</b>                  |



*Additional notes to the financial statements (standalone) for the year ended 31<sup>st</sup> March, 2023 (contd...)*

**iii) Status of Income Tax Assessments:**

Income Tax Assessments were completed up to AY 2016-17. For the AY 2017-18, the Income Tax assessment is pending with Assessing Authorities due to pendency of Advance Ruling application filed before the Board for Advance Ruling (BAR), Mumbai, on the issue of allowability of provisions made for Back filling, Overburden Removal and Mine Closure obligations in the tax computation. For the AY 2018-19, the Income Tax assessment was completed except for the issues of allowability of provisions of Backfilling, Mine closure and OBR due to pendency of Advance Ruling application filed before the Board for Advance Ruling (BAR). Further, for the AY 2019-20 and AY 2021-22, the Income Tax assessments are not selected for Assessment and the Income Tax assessment for the AY 2022-23 is in progress.

**iv) Unsettled Tax propositions :**

The expenditure reimbursed to Educational society was disallowed in the latest assessments by the Tax Authorities, without change in law or the nature of claim. The company has contested the disallowance before the Appellate Authorities and is expecting a favourable decision. The tax liability for the current year is arrived duly considering the Educational Society expenditure as an allowable expenditure.

The Company had claimed deduction of Investment Allowance under section 32AC of the Income Tax Act, 1961, for the AY 2015-16 and AY 2016-17, on investment made in the new plant and machinery installed in the new Power Plant situated at Jaipur (V), Telangana, being 15 percent of investment made in new plant and machinery. This deduction claimed was disallowed on the ground that electricity/power is not an article or product and also contending that dates of acquisition, installation certificates, bills have not been furnished. The company has contested the disallowance before the Appellate Authorities and is expecting a favourable decision.

**5.8: INSURANCE AND ESCALATION CLAIMS :**

Insurance and escalation claims are accounted for on the basis of admission/final settlement.

**5.9: PROVISIONS MADE IN THE ACCOUNTS:**

Provisions made in the Books of Accounts, against slow moving/non-moving/obsolete stores, Expected Credit Loss on Advances and Doubtful Debts, impairment of Site Restoration Costs, Impairment of Other Mining Infrastructure (Development Expenditure), Buildings (Factory), Buildings (Others), Roads, CWIP of OMI (Development Expenditure) of UG Mines incurring losses etc., and Impairment of Development Expenditure at surrendered Coal Blocks are considered adequate to cover possible losses.

**5.10: CURRENT ASSETS, LOANS AND ADVANCES ETC:**

In the opinion of the Management, Assets other than Property, Plant and Equipment and Non-Current Investments have a value on realisation in the ordinary course of business at least equal to the amount at which they are stated.

**5.11: CURRENT LIABILITIES:**

Estimated liability has been provided for where the actual liability could not be measured.



Additional notes to the financial statements (standalone) for the year ended 31<sup>st</sup> March, 2023 (contd...)**5.12: RATIO ANALYSIS:****a) Ratios:**

(Rs. in Crore)

| Sl. No. | Ratios   | Numerator  | Denominator                                      | As at March 31, 2023 | As at March 31, 2022 | % of Variance |
|---------|--|--|--|----------------------|----------------------|---------------|
| 1       | Current Ratio  | Current Assets   | Current Liabilities                              | 2.17                 | 1.79                 | 21.23%        |
| 2       | Debt-Equity ratio  | Borrowings(NC) + Borrowings (C) + Lease Liabilities (NC)+ Lease Liabilities (C)        | Equity   | 0.24                 | 0.42                 | -42.86%       |
| 3       | Long Term Debt-Equity ratio                              | Borrowings(NC) + Lease Liabilities (NC)+ Current Maturity of Long Term Debt            | Equity   | 0.24                 | 0.38                 | -36.84%       |
| 4       | Debt Service Coverage Ratio                              | Net Profit After Taxes (net of OCI) +Depreciation+Finance cost+ Provisions+ write offs | Interest + Lease payments + Principal Repayments | 9.61                 | 4.35                 | 120.92%       |
| 5       | Return on equity ratio (%)                               | Net Profit after Taxes   | Average Shareholder Funds                        | 20.50                | 12.95                | 58.30%        |
| 6       | Inventory turnover ratio                                 | Net Sales  | Average Inventory                                | 17.74                | 20.41                | -13.08%       |
| 7       | Debtors Turnover ratio                                   | Net Credit Sales   | Average Trade Receivable                         | 1.75                 | 1.71                 | 2.34%         |
| 8       | Trade Payables turnover ratio                            | Net Credit Purchase + Services   | Average Trade Payables                           | 9.15                 | 8.45                 | 8.28%         |
| 9       | Net capital turnover Ratio                               | Net Sales  | Working capital                                  | 2.21                 | 2.38                 | -7.14%        |
| 10      | Net Profit Ratio(%)                                      | Net Profit   | Net Sales  | 8.49                 | 5.82                 | 45.88%        |
| 11      | Return on Capital Employed (%)                           | Earnings before Interest and Taxes   | Capital Employed                                 | 38.53                | 22.28                | 72.94%        |
| 12.1    | Return on Investment in Unlisted Subsidiary              | Dividend   | Average Investment                               | -                    | -                    | -             |
| 12.2    | Return on Investment in Co-operative Societies           | Dividend   | Average Investment                               | -                    | -                    | -             |
| 12.3    | Return on Investment in Joint Ventures                   | Dividend   | Average Investment                               | -                    | -                    | -             |
| 12.4    | Return on Investment in Fixed Income Investments (Bonds) | Interest Income from Bonds   | Average Investment in Bonds                      | 9.29%                | 9.29%                | -             |
| 12.5    | Return on Investment in Mutual Funds                     | Dividend+Capital Gain+ Fairvalue changes   | Average Investment in Mutual Funds               | 5.83%                | 3.17%                | 83.91%        |



Additional notes to the financial statements (standalone) for the year ended 31<sup>st</sup> March, 2023 (contd...)

## b) Reasons for significant variance in the above Ratios:

(Rs. in Crore)

| Sl.No | Particulars                 | Reason for variance   |
|-------|-----------------------------|---|
| 1     | Current Ratio               | Primarily due to increase in Current Assets in the current year.  |
| 2     | Debt-Equity ratio           | Primarily due to increase in Equity arising on account of increase in earnings                                  |
| 3     | Debt Service Coverage Ratio | Primarily due to increase in Net Profit in the Current Year   |
| 4     | Return on equity ratio (%)  | Primarily due to increase in Net Profit in the Current Year   |
| 5     | Inventory turnover ratio    | Due to increase in average inventory due to increase in the value of finished goods in the Current Year         |
| 6     | Net Profit Ratio            | Primarily due to increase in Profit After Tax during current year owing to increase in Revenue from Operations. |
| 7     | Return on Capital Employed  | Primarily due to increase in the Earnings during the current year owing to increase in Revenue from Operations. |
| 8     | Return on Mutual Funds      | Primarily due to increase in Mutual Funds gains.  |

### 5.13: OTHER REGULATORY DISCLOSURES (AS NOTIFIED BY MCA)

- i) The Company has not been declared willful defaulter by any Bank or Financial Institution or Government or any Government Authority or other lender in accordance with the guidelines on wilful defaulters issued by the Reserve Bank of India.
- ii) The Company had filed quarterly returns / statements of Current Assets with Banks during the year. However, slight variances are noticed in the same when compared with financial records. Hence, revised quarterly returns / statements have been filed with the Banks on 01.07.2023 and the revised returns / statements are in agreement with the Books of Account.
- iii) The Company does not own any Benami Property neither any proceedings or initiated nor pending against the Company under the Prohibition of Benami Property Transactions Act, 1988.
- iv) **Relationship with Struck off Companies:**  
The Company has no transactions with Companies struck off under section 248 of the Companies Act, 2013 or section 560 of the Companies Act, 1956 except for the following:

(Rupees)

| Name of struck off company | Nature of transaction with struck off company | Balance outstanding as at 31.03.2023 | Balance outstanding as at 31.03.2022 | Relationship with the Struck off company |
|----------------------------|---|--------------------------------------|--------------------------------------|--|
| FLOCON SYSTEMS (P) LTD.    | Trade Payables                                | 94,778.00                            | 94,778.00                            | Supplier of Material                     |



Additional notes to the financial statements (standalone) for the year ended 31<sup>st</sup> March, 2023 (contd...)

**v) Registration of Charges with ROC:**

There are no charges satisfaction which are yet to be registered with the Registrar of Companies (ROC) beyond the statutory period.

The details of charges against the sanctioned borrowings and working capital limits subsisting as on the Reporting Date are furnished hereunder:

(Rs. in Crore)

| S. No. | SRN       | Charge Id | Charge Name Holder    | Address  | Date of Creation | Amount   |
|--------|-----------|-----------|-----------------------|--|------------------|----------|
| 1      | AA1300624 | 100669827 | Bank of Baroda        | MID Corporate Branch, Himayathnagar, Hyderabad | 05-01-2023       | 487.55   |
| 2      | T42346502 | 100476128 | SBI                   | Commercial Branch, Koti Hyderabad              | 02-09-2021       | 1,000.00 |
| 3      | T33443458 | 100457010 | SBICAP Trustee Co.Ltd | 202, Maker Tower, Parade, Mumbai               | 17-06-2021       | 982.00   |
| 4      | AA1117272 | 100417447 | SBICAP Trustee Co.Ltd | 202, Maker Tower, Parade, Mumbai               | 28-01-2021       | 3,650.00 |
| 5      | T19454081 | 100384264 | SBICAP Trustee Co.Ltd | 202, Maker Tower, Parade, Mumbai               | 05-10-2020       | 2,974.00 |

The following redundant charges against the Loans availed and settled long back are also being reflected in the MCA Website as the charge satisfaction details are not reflected while digitalizing the data at their end. In this connection, the ROC, Hyderabad, has been requested for updation of the charge satisfaction details in the MCA portal and the matter is under persuasion.

(Rs. in Crore)

| S.No. | SRN       | Charge Id | Charge Name Holder | Address                                  | Date of Creation | Amount   |
|-------|-----------|-----------|--------------------|--|------------------|----------|
| 1     | R35647171 | 100330179 | SBI                | Commercial Branch, Koti Hyderabad        | 29-02-2020       | 50.00    |
| 2     | R74029893 | 100317395 | SBI                | Commercial Branch, Koti Hyderabad        | 20-12-2019       | 1,183.80 |
| 3     | R13691134 | 100069677 | SBI                | Commercial Branch, Koti Hyderabad        | 23-12-2016       | 817.52   |
| 4     | Y10366434 | 90258348  | SBH                | Industrial Branch, Punjagutta, Hyderabad | 20-10-1997       | 16.65    |
| 5     | Y10369534 | 90261448  | Andhra Bank        | Kothagudem                               | 29-01-1997       | 2.75     |
| 6     | B22337190 | 90258215  | SBH                | Industrial Branch, Punjagutta, Hyderabad | 02-09-1996       | 431.00   |
| 7     | Y10366206 | 90258120  | SBH                | Industrial Branch, Punjagutta, Hyderabad | 07-10-1995       | 0.13     |
| 8     | Y10366204 | 90258118  | SBH                | Industrial Branch, Punjagutta, Hyderabad | 29-09-1995       | 10.25    |
| 9     | Y10365096 | 90257010  | Canfin Homes Ltd   | 5-9-100, PG Road, Hyderabad              | 28-03-1995       | 10.00    |



*Additional notes to the financial statements (standalone) for the year ended 31<sup>st</sup> March, 2023 (contd...)*

| S.No. | SRN       | Charge Id | Charge Name Holder | Address                                     | Date of Creation | Amount |
|-------|-----------|-----------|--------------------|---|------------------|--------|
| 10    | Y10366103 | 90258017  | SBH                | Industrial Branch,<br>Punjagutta, Hyderabad | 28-11-1994       | 2.54   |
| 11    | Y10367737 | 90259651  | SBH                | Richmond Road, Banglore                     | 19-09-1994       | 2.03   |
| 12    | Y10369208 | 90261122  | SBI                | Richmond Road, Banglore                     | 19-07-1994       | 8.16   |
| 13    | Y10366041 | 90257955  | Bank of Baroda     | Richmond Road, Banglore                     | 22-04-1994       | 8.76   |
| 14    | Y10367713 | 90259627  | Bank of Baroda     | Richmond Road, Banglore                     | 24-03-1994       | 8.76   |
| 15    | Y10366000 | 90257914  | SBH                | Industrial Branch, Punjagutta,<br>Hyderabad | 06-12-1993       | 9.75   |
| 16    | Y10365983 | 90257897  | SBH                | Industrial Branch,<br>Punjagutta, Hyderabad | 14-09-1993       | 0.82   |
| 17    | Y10365791 | 90257705  | Andhra Bank        | Kothagudem                                  | 05-03-1991       | 3.00   |
| 18    | Y10365451 | 90257365  | SBH                | Hyderabad                                   | 29-01-1985       | 8.30   |
| 19    | Y10368673 | 90260587  | SBH                | Gunfounder Office, Hyderabad                | 18-01-1985       | 8.30   |
| 20    | Y10365434 | 90257348  | SBH                | Gunfounder Office, Hyderabad                | 14-06-1984       | 2.50   |
| 21    | Y10365412 | 90257326  | SBH                | Gunfounder Office, Hyderabad                | 11-05-1983       | 5.69   |
| 22    | Y10367454 | 90259368  | Canara Bank        | Bashir Bagh, Hyderabad                      | 19-08-1978       | 0.25   |
| 23    | Y10368560 | 90260474  | Canara Bank        | Bashir Bagh, Hyderabad                      | 30-07-1977       | 0.25   |
| 24    | Y10365327 | 90257241  | Canara Bank        | Bashir Bagh, Hyderabad                      | 13-05-1975       | 0.25   |
| 25    | Y10367445 | 90259359  | Canara Bank        | Bashir Bagh, Hyderabad                      | 13-05-1975       | 0.25   |
| 26    | Y10365301 | 90257215  | SBH                | Hyderabad                                   | 12-08-1964       | 1.50   |

**Note: Charges at SI no 1,2 and 3 are subsequently satisfied on 03.07.2023.**

- vi) The Company has not entered into any scheme of arrangement which has an accounting impact on current or previous year.
- vii) The Company has not advanced or loaned or invested funds (either borrowed funds or security premium or any other sources or kind of funds) to any other person(s) or entity(ies), including foreign entities (Intermediaries) with the understanding (whether recorded in writing or otherwise) that the Intermediary shall
  - a) directly or indirectly lend or invest in other persons or entities identified in any manner whatsoever by or on behalf of the Company (Ultimate Beneficiaries) or
  - b) provide any guarantee, security or the like to or on behalf of the Ultimate Beneficiaries.
- viii) The Company has not received any fund from any person(s) or entity(ies), including foreign entities (Funding Party) with the understanding (whether recorded in writing or otherwise) that the group shall:
  - a) directly or indirectly lend or invest in other persons or entities identified in any manner whatsoever by or on behalf of the Funding Party (Ultimate Beneficiaries) or
  - b) provide any guarantee, security or the like on behalf of the Ultimate Beneficiaries.
- ix) There is no income surrendered or disclosed as income during the current or previous year in the tax assessments under the Income Tax Act, 1961, that has not been recorded in the Books of account.
- x) The Company has not traded or invested in Crypto Currency or Virtual Currency during the current or previous year.



Additional notes to the financial statements (standalone) for the year ended 31<sup>st</sup> March, 2023 (contd...)

#### 5.14: OTHERS:

- A) As required by Section 22 of the Micro Small and Medium Enterprises Development Act, 2006 (MSMED) the following information is disclosed on the basis of information available with the company

(Rs. in Crore)

| Particulars   | As on<br>31.03.2023 | As on<br>31.03.2022 |
|---|---------------------|---------------------|
| The principal amount remaining unpaid (But not due)   | 15.02               | 24.63               |
| Interest due thereon (interest due and / or payable)  | -                   | -                   |
| Principal amount and interest due thereon remaining period                                    | 15.02               | 24.63               |
| Interest paid in terms of section 16 of MSMED Act   | Nil                 | Nil                 |
| Interest due and payable for the period of delay excluding interest specified under MSMED Act | Nil                 | Nil                 |
| Interest accrued and remaining unpaid at the end of year                                      | 0.18                | 0.08                |
| Further interest due and payable in terms of section 23 of MSMED Act,2006                     | 0.18                | 0.08                |

**Note:** For the purpose of above details, the status of the Suppliers under the Act has been determined to the extent of and based on the information furnished by the respective parties and has accordingly been relied upon by the Company.

- B) Consequent to handing over of 9 schools, 2 colleges and 1 Polytechnic to Singareni Collieries Educational Society, all running expenses of these institutions, after deduction of receivables from these institutions (viz., Grant-in-Aid, Fee collections from students, recoveries from the employees towards amenities provided etc.,) are being met by the Company by way of Educational Grant. Further, infrastructure used by the Society is continued to be under the ownership of the Company for which no recovery is made from the Society.
- C) The Company engages contractors for removal of Overburden. In some of the contracts, the contractors are eligible for Bonus in respect of the quantity of HSD oil saved by them during the course of the contract, which is to be set off against future excess consumption as per contractual terms. Further, these Contractors can claim and en-cash such accrued Bonus at the end of every Financial Year at their option. Considering the uncertainty, the value of HSD oil saved at SRP OC.I of Rs.4.11 Crore after adjusting the quantity of Diesel against non-deployment of ancillary equipment as per the recommendations of Vigilance and Enforcement Directorate, Telangana State is not provided for in Books of Account as on 31.03.2023 (Previous year Rs. 72.31 Crore).
- D) **Balance Confirmations:**
- Balance confirmation/reconciliation is carried out for cash & bank balances, certain loans & advances, long term liabilities and current liabilities. Provision is taken against all doubtful unconfirmed balances.
  - Joint reconciliation with major sundry debtors is done periodically. Further, in respect of Power Dues from TSPCC/TSDISCOMs, the Company is in the process of Joint Reconciliation from FY 2019-20 to FY 2022-23.
- E) **Physical verification of Property, Plant and Equipment:**
- Physical verification of all Property, Plant and Equipment with original value of Rs.3 Lakh and above will be covered in block of 3 years. The block of 2021-23 commenced from FY 2021-22.
- Property, Plant and Equipment with original value > Rs.50 Lakh annually.
  - Property, Plant and Equipment with original value > Rs.10 Lakh and < Rs.50 Lakh once in three years (2<sup>nd</sup> year of Block).



*Additional notes to the financial statements (standalone) for the year ended 31<sup>st</sup> March, 2023 (contd...)*

- iii) Property, Plant and Equipment with original value > Rs.3 Lakh and < Rs.10 Lakh once in three years (3<sup>rd</sup> year of Block).

The Property, Plant and Equipment mentioned at (i) & (ii) were physically verified during FY 2022-23 and deviations are accounted / regularized and in respect of other assets, the same are confirmed as available based on certification by the respective unit heads.

### 5.15: CORPORATE SOCIAL RESPONSIBILITY:

- a) Details of the Minimum amounts to be sent on CSR activities, the budget sanctioned by the Board for CSR activities, Amounts spent and unspent are as under :

(Rs. in Crore)

| Particulars  | FY 2022-23   | FY 2021-22   |
|--|--------------|--------------|
| <b>2% of the Average Net Profit for the preceding three years</b>                            | <b>35.82</b> | <b>43.04</b> |
| Amount Sanctioned by the Board for carrying out CSR Activities                               | 43.05        | 44.60        |
| Actual Amount spent on CSR Activities during the year  | 10.44        | 9.89         |
| Provision made on Unspent amount of CSR (Ongoing works) on 31.03.2022 (FY 2021-22 Sanctions) |              | 34.71        |
| Expenditure incurred against the provision of CSR Sanctions of FY 2021-22 in FY 2022-23      | -            | 11.21        |
| Unspent amount (Ongoing works) as on 31.03.2023  | 32.61        | 23.50        |
| Amounts transferred to Separate Bank Account with SBI, Commercial Branch                     | 32.66        | 34.71        |
| Date of Deposit in a separate Bank Account   | 29.04.2023   | 30.04.2022   |

- b) The Details of element wise expenditure incurred on CSR activities in FY 2022-23 is as under :

(Rs. in Crore)

| CSR Activities undertaken                                    | For FY 2022-23    |              |                | Spillover payments in FY 2022-23                 |  |
|--|-------------------|--------------|----------------|--|--|
|  | Sanctioned Amount | Spent Amount | Unspent Amount | From provisions of FY 2019-20, 2020-21 & 2021-22 | From sanctions of FY 2018-19 earlier years |
| Health Care and Sanitation                                   | 2.14              | 0.38         | 1.76           | 1.59   | 0.10                                       |
| Promotion of Sports  | 0.58              | 0.08         | 0.50           | 1.15   | -  |
| Promoting education and employment enhancing vocation skills | 6.39              | 2.76         | 3.63           | 2.80   | -  |
| Disaster Management  | 1.62              | 1.17         | 0.45           | -  | -  |
| Drinking Water Facility                                      | 0.04              | 0.02         | 0.02           | 0.15   | -  |
| Rural Development Projects                                   | 28.71             | 3.68         | 25.03          | 15.30  | 2.24                                       |
| Afforestation & Environment Sustainability                   | 1.83              | 1.54         | 0.29           | 0.47   | -  |
| Protection of National Heritage, Art and Culture             | 0.32              | 0.15         | 0.17           | 0.60   | -  |
| Empowering women   | 1.42              | 0.66         | 0.76           | 0.44   | -  |
| <b>Total</b>   | <b>43.05</b>      | <b>10.44</b> | <b>32.61</b>   | <b>22.50</b>                                     | <b>2.34</b>                                |



Additional notes to the financial statements (standalone) for the year ended 31<sup>st</sup> March, 2023 (contd...)

**c) Movement in CSR Provision during the year:**

| CSR Activities undertaken   | Provision movement of CSR Sanctions FY 2021-22 |                             |                                    | Provision movement of CSR Sanctions FY 2020-21 |                             |                                    |
|---|--|-----------------------------|------------------------------------|--|-----------------------------|------------------------------------|
|   | Provision made in FY 2021-22                   | Expenditure in Current Year | Balance provision as on 31.03.2023 | Balance of Provision made FY 2020-21           | Expenditure in Current Year | Balance provision as on 31.03.2023 |
| Health Care and Sanitation  | 2.29   | 0.62                        | 1.67                               | 0.35   | 0.14                        | 0.21                               |
| Promotion of Sports   | 0.07   | 0.07                        | -                                  | 0.35   | -                           | 0.35                               |
| Promoting education and employment enhancing vocation skills      | 2.97   | 0.44                        | 2.53                               | 2.42   | 0.87                        | 1.55                               |
| Drinking Water Facility   | 0.17   | 0.10                        | 0.07                               | 0.44   | 0.05                        | 0.39                               |
| Rural Development Projects  | 26.40  | 9.04                        | 17.36                              | 3.39   | 2.76                        | 0.63                               |
| Protection of National Heritage, Art and Culture                  | 0.60   | 0.60                        | -                                  | 0.05   | -                           | 0.05                               |
| Empowering women and Setting up of hostels for women and children | 2.21   | 0.34                        | 1.87                               | 0.10   | 0.10                        | -                                  |
| <b>Total</b>  | <b>34.71</b>                                   | <b>11.21</b>                | <b>23.50</b>                       | <b>7.10</b>                                    | <b>3.92</b>                 | <b>3.18</b>                        |

**d) Movement in CSR Provision during the year:**

| CSR Activities undertaken                                    | Provision movement of CSR Sanctions FY 2019-20 |                             |                                    |
|--|--|-----------------------------|------------------------------------|
|  | Provision made in FY 2019-20                   | Expenditure in Current Year | Balance provision as on 31.03.2023 |
| Health Care and Sanitation                                   | 1.76   | 0.83                        | 0.93                               |
| Promotion of Sports  | 1.11   | 1.08                        | 0.03                               |
| Promoting education and employment enhancing vocation skills | 1.62   | 1.49                        | 0.13                               |
| Afforestation & Environment Sustainability                   | 3.91   | 0.47                        | 3.44                               |
| Rural Development Projects                                   | 9.39   | 3.50                        | 5.89                               |
| Protection of National Heritage, Art and Culture             | 0.20   | -                           | 0.20                               |
| <b>Total</b>   | <b>17.99</b>                                   | <b>7.37</b>                 | <b>10.62</b>                       |



Additional notes to the financial statements (standalone) for the year ended 31<sup>st</sup> March, 2023 (contd...)

## 5.16: STATEMENT OF OPENING STOCK, PRODUCTION, DESPATCHES AND CLOSING STOCK OF COAL:

(Rs. in Crore)

| Particulars                       | For the year ended 31.03.2023 |                      | For the year ended 31.03.2022 |                      |
|-----------------------------------|-------------------------------|----------------------|-------------------------------|----------------------|
|                                   | Quantity in '000 T            | Value (Rs. in Crore) | Quantity in '000 T            | Value (Rs. in Crore) |
| Opening Balance(Restated) @       | 4,838.70                      | 905.85               | 5,395.95                      | 883.68               |
| Production                        | 67,137.24                     | -                    | 65,021.96                     | -                    |
| Despatches to Outsiders           | 61,277.56                     | 21,764.00            | 60,157.17                     | 16,783.76            |
| Internal Consumption (incl. STPP) | 5,401.88                      | 2,709.57             | 5,413.03                      | 2,174.44             |
| Adjustments for adopted Stock     | -                             | -                    | -                             | -                    |
| Shale/Stone Write off             | 15.04                         | -                    | 9.01                          | -                    |
| Closing Balance*** (#) @          | 5,281.45                      | 1,548.17             | 4,838.70                      | 905.85               |

\*\*\* The above Closing Stock includes 15,044.60 Tonnes of shale valued at "NIL" rate (Previous Year 11,339.01 Tonnes)

# Closing stock includes 7,645.84 Tonnes of Coal in transit at STPP as on 31.03.2023 valuing Rs.4.13 Crore. (PY 7,674.24 Tonnes valuing Rs.3.29 Crore) (Restated).

@ The Opening and Closing values of Stocks are reduced by Rs.4.61 Crore and Rs.1.07 Crore respectively towards non-saleable Washery Rejects of 4.99 LT and 1.16 LT respectively.

## 6. SIGNIFICANT CHANGES/ MODIFICATIONS IN THE ACCOUNTING POLICIES:

Significant accounting policies (Note-2) have been suitably modified / re-drafted over previous year, as found necessary to elucidate the Accounting Policies adopted by the Company in pursuance of suggestions of Auditors and for adopting Peer industry practices as per the frame work of Indian Accounting Standards (Ind AS) notified by Ministry of Corporate Affairs (MCA) under the Companies (Indian Accounting Standards) Rules from time to time.

The following are the major changes/ modifications to the Accounting Policies of the Company in the current year:

### 6.1 Revenue from Sale of Solar Banked Units

Up to FY 2021-22, considering the non-materiality of the Income generated from sale of Solar Banking Units when compared to other business verticals i.e. Sale of Coal and Sale of Thermal Power, no specific Accounting Policy was drafted into the Accounting Policy of Company. However, C&AG has suggested to mention a separate line activity for sale of Solar Banking Units in the Accounting Policies and also suggested to recognize Revenue from sale of Solar Banking units net of 2% Banking charges.

In view of the above, an Accounting Policy for recognizing the Revenue from Sale of Solar Banking Units is proposed to be included in the Significant Accounting Policies of the Company.

#### Financial Impact:

As Revenue was already recognized in the previous years, no specific impact on adoption of this new clause in the Accounting Policy.

However, due to deduction of banking charges, Rs.0.64 Crore provided towards doubtful debts upto FY 2021-22. Further, there is a reduction in the Revenue from Solar Banking Units during the Current year FY 2022-23 by Rs.0.40 Crore owing to deduction of banking Charges while recognizing revenue for the current year.





## 6.2 Recognition of Penalty Income on realization:

As per the existing Accounting Policy, the penalties for short lifting of Coal, on termination of contract, for delay in supply of material / execution of contracts are being recognized as Income on realization. For this purpose, in case of encashment of BG's for appropriation towards penalties the invocation of BG is considered as realization by the Company as per the consistent practice being followed.

However, in order to avoid ambiguity and yield better clarity to the interpretation of Accounting Policy in consonance with the practice being followed, an explanation is added in the clause. Accordingly, the sub-clause of the Accounting Policy is further amplified by adding explanation to this effect. Since, the modification is in the nature of specifically mentioning the practice being followed continuously for giving clarity, there is no specific financial effect.

## 6.3 Componentization of Significant Spares:

As per the provisions of Ind AS-16 PPE, the significant spares of the Plant equipment are to be capitalized and depreciated over the useful life instead of charging the same to consumption. For implementation of above componentization of significant spares a committee was constituted drawing members from Technical and other related departments.

Pending finalization of committee report, during the FY 2021-22 the company has adopted tentative threshold limit of Rs.25 Lakhs per unit for identifying the significant spares. The significant spares falling under above Rs.25 Lakhs category have been identified and classified as Capital Work in Progress as on 31.03.2022 for a value of Rs.69.21 Crore, pending assessment of the useful life of the respective spare/component.

During the year, based on the useful lives certified by the Technical Depts., componentization of significant spares was carried out. For this purpose a sub-clause is added in the accounting policy related to PPE at sub-clause related to componentization of spares. Since, the lives of the significant spares have been assessed in the current year only and as it is not practical to carryout componentization retrospectively, the change in the Accounting Policy is applied prospectively.

### **Financial Impact:**

Due to componentization of significant spares, there is a reduction in the cost of the material consumed by Rs.69.21 Crore in the Current year. Further, the depreciation charged on the spares componentized amounted to Rs.20.15 Crore. Consequently, there is a net increase in the Profit Before Tax (PBT) for the year 2022-23 by Rs.49.06 Crore. Considering the Income Tax @ 25.168%, the increase in the Profit After Tax (PAT) for the year 2022-23 is Rs.36.71 Crore.

## 6.4 Provision for Non-moving / Obsolete Stores Items at STPP:

During the year 2020-21, provision for non-moving stores procured for Thermal Power Generation (STPP) was recognised for an amount of Rs.16.41 Crore time frame of 3 years from the date of receipt of material as being considered for coal mining vertical. However, during the year FY 2021-22, after ascertaining the principles adopted by M/s.NTPC for classifying the non-moving items at Thermal Power Generation Units i.e time frame of 5 years, the non-moving provision made at STPP was reviewed and as no spares and stores were falling under the non-moving category, the provision of Rs.16.41 Crore made in FY 2020-21 was withdrawn in the year FY 2021-22.

However, since the Accounting Policy of the Company and also M/s.NTPC for recognition of non-moving stores provision are akin except change in wording of Policy and time frames for classifying the non-moving items are not mentioned in both the policies, no changes / modifications were made to the Accounting Policy of the Company for adopting the above time frame of 5 years for STPP Operations. However, the C&AG during the course of Audit of Accounts for the Year 2021-22 had suggested to modify the Accounting policy for non-moving stores of STPP by mentioning time frames.



*Additional notes to the financial statements (standalone) for the year ended 31<sup>st</sup> March, 2023 (contd...)*

In view of the above, the Accounting Policy of the Company pertaining to classification of non-moving items and creation of provision there for is modified suitably by specifying the time frames adopted for Coal Mining and Thermal Power Generation activities separately.

**Financial Impact:**

The impact of the change in the Policy was already adopted in FY 2021-22 and an amount of Rs.16.41 Crore (earlier provision recognized in FY 2019-20 applying time frame of 3 years) was withdrawn in FY 2021-22. During the current year FY 2022-23, an amount of Rs.4.87 Crore is recognized as provision for non-moving items at STPP by adopting time frame of 5 years.

**6.5 Closing Stock Valuation – Ind AS 2 Vs Cost Accounting Records – Alignment of method of valuation in the Books of Account:**

The valuation of Closing Stock of Coal at Mines and CHPs is being carried out by considering the cost of production or NRV whichever is less. To review the cost of production adopted for valuation of Closing Stock as per Cost Accounting Rules and as per Ind AS 2 and to align the closing stock valuation in the Books of Account as per the cost Records, a Committee of Finance Officers was deputed to M/s. WCL, Nagpur for study of the practice being followed at their end for the purpose of valuation of Closing Stock, as per Cost Records and as per Ind AS.

The committee has reported that at M/s. WCL, CPRMS (E & NE) provisions are not considered as relevant Costs and amortization of Site Restoration Assets (MCP) is included in the Cost of Production. Further, during the visit of Senior Officers to M/s. CIL in April 2023, the method of valuation of closing stock was enquired. It is informed to the Committee that a high power committee is constituted at CIL level and report of the Committee is awaited.

Considering the above, the cost of production as per the Cost records is adopted for closing stock valuation as per Ind AS 2 also from FY 2022-23.

The change in the method of valuation of in the Closing Stock Valuation (i.e. inclusion / exclusion of the Cost Elements as per cost records) is considered as a Change in the Accounting Policy as per Ind AS 8 and to be applied retrospectively.

**Financial Impact:**

**Upto FY 2020-21 (Earliest period):**

There is increase in the value of closing stock by Rs.160.20 Crore which is adjusted as an increase in the Retaining Earning as on 31.03.2021. The Deferred Tax thereon of Rs.40.32 Crore is also recognized as a reduction in the Retained Earnings as on 31.03.2021. The Net Increase in the Retained Earnings as on 31.03.2021 is Rs.119.88 Crore.

**FY 2021-22 (Comparative period):**

There is a increase in the value of closing stock as on 31.03.2022 by Rs.153.85 Crore. After adjusting the increase in Stock as on 31.03.2021 the decrease in the value of closing stock is Rs 6.35 Crore, which is recognized as a change in the reported corresponding figure of Changes in the Inventory.

Consequent to this, there is decrease in the Profit Before Tax by Rs.6.35 Crore. After adjusting the Deferred Tax of Rs.1.60 Crore, the net decrease in the Profit After Tax for FY 2021-22 is Rs.4.75 Crore.

**Reporting Year FY 2022-23:**

There is an increase in the value of closing stock as on 31.03.2023 by Rs.205.10 Crore. After adjusting the increase in Stocks upto 31.03.2022, the increase in the value of closing stock is Rs.51.25 Crore for the current year 2022-23.

*Additional notes to the financial statements (standalone) for the year ended 31<sup>st</sup> March, 2023 (contd...)*

Consequent to this, there is an increase in the Profit Before Tax by Rs.51.25 Crore. After adjusting the current Tax of Rs.12.90 Crore, the net increase in the Profit After Tax for FY 2022-23 is Rs.38.35 Crore.

**6.6 Inventorization of Medicines:**

As per the extant Accounting Policy of the Company Medicines are being charged directly to consumption on receipt itself. However in pursuance of the system study conducted by Internal Audit Dept, the Audit Committee approved to inventorize medicines for efficient monitoring the procurement and consumption patterns.

For Inventorization of medicines suitable changes are made to the existing Accounting Policy related to Inventories. The change in the Accounting Policy of Inventorization of Medicines is to be applied retrospectively.

For this purpose, in addition to bringing the existing stock of medicines and other items into stock records during the current year, the stock of medicines as on 31.03.2021 and 31.03.2022 (i.e. earliest period and comparative periods) respectively are also brought into the Books of Account, in pursuance of provisions of Ind AS 8 for retrospective application of this new Accounting Policy.

**Financial Impact:****Upto FY 2020-21 (Earliest period)**

The stock of medicines, surgical and other items as on 31.03.2021 is to be recognized by way of increase in the Retained Earnings by Rs.12.95 Crore. The Deferred Tax of Rs.3.26 Crore is reduced from the Retained Earnings. The Net Impact is increase in the Retaining Earnings by Rs.9.68 Crore.

The value of stock of medicines, surgical and other items as on 31.03.2022 was Rs.13.79 Crore. Hence, the increase of Rs.0.84 Crore in the inventory value of medical / surgical and other items is to be transacted as a restatement of Reported figure of Changes in the Inventory of FY 2021-22 with consequent increase in the PBT. After adjusting the Deferred Tax Impact of Rs.0.21 Crore, the Net increase in the PAT for the year 2021-22 is Rs.0.63 Crore.

**For the Year 2022-23 (Reporting Year)**

The value of the medicines brought into inventory records (MM Module) during the current year amounted to Rs.12.95 Crore. After setting off of the stock of medicines brought into records upto 31.03.2022, the net decrease in the stock of medicines, surgical and other items is Rs.0.84 Crore. Consequent to this there is a decrease in the PBT of the FY 2022-23. After adjusting the Deferred Tax of Rs.0.21 Crore the net decrease on the PAT of FY 2022-23 is Rs.0.63 Crore.

- 6.7 In addition to above, some textual modification are made to the Accounting policy related to Depreciation for specifying the adoption of useful life of Mines as the basis for charge of depreciation of Mine related fixed assets and rates specified in TSERC Regulations for STPP related Assets for yielding more clarity. Further, few textual changes are also made to other policies wherever required to correct typographical errors and for yielding more clarity.

**7. FUTURE CHANGES IN THE ACCOUNTING POLICIES:**

The Ministry of Corporate Affairs (MCA) notifies new standard or amendments to the existing standards under Companies (Indian Accounting Standards) Rules as amended from time to time.

As per requirement mentioned at Para No. 30 of Ind AS 8 (Accounting Policies, Changes in Accounting estimates and Errors), the amendments to Standards that are issued, but not yet effective, up to the date of issuance of the Company's Financial Statements are required to be disclosed.

The amendments effective from 01.04.2023 to relating to 'Ind AS-1 Presentation of Financial Statements' with regard to disclosure of Accounting Policies as 'Material Accounting Information' rather than as Significant Accounting Policies and Ind AS-8 - Accounting Policies, Changes in Accounting Estimates and Errors relating



*Additional notes to the financial statements (standalone) for the year ended 31<sup>st</sup> March, 2023 (contd...)*

to definition of Accounting Estimates for distinguishing between change in accounting estimates and changes in Accounting Policy and Ind AS-12 - Income Taxes relating to narrowing down the scope of the initial recognition exemption so that it does not apply to transactions that give rise to equal and offsetting temporary differences. are being analysed. Pending detailed analysis, the Company expects that the amendments proposed by MCA do not have any Significant Impact on the Financial Statements.

## **8. IND AS 10 – “ EVENTS AFTER THE REPORTING PERIOD” :**

The material non-adjusting events after the Reporting Period which are required to be disclosed in the Financial Statements for the current year have been appropriately disclosed in the Notes wherever required.

The material Non Adjusting Events After the Reporting Date (i.e 31.03.2023) i.e. declaration of dividend for the year 2022-23 was disclosed at Note no 39.11.

## **9. MATERIAL PRIOR PERIOD ERRORS:**

### **i) Inclusion of BC/Top Soil removal at external Dump of IK OC as Over burden removal quantities:**

During the year 2020-21 & 2021-22, 13.99 L.cum and 15.60 L.cum respectively of BC Soil excavated at IK OCP Mine, under the external dump outside quarry area were reported as OB Removal Quantities by Project Authorities. Accordingly OBR Schedules have been prepared considering the BC Soil quantities also.

As the BC/Top Soil removal quantities under external dump shall not be considered in OB removal Quantities, these quantities are not considered for review of general review of Project Stripping ratio by Project Planning Dept. This excess consideration of quantities in OB Removal accounting is considered as a material Prior period error and corrected by retrospectively as per Ind AS-8 read with the Company's significant Accounting Policy No.2.2.21.

Consequently, the Backfilling Provision of respective years is also influenced by the above Prior period error in OBR accounting in view of adoption of weighted Average outsourced OB removal rate/cum for assessing the Backfilling Obligation. This consequential prior period error is also corrected retrospectively.

#### **Financial Impact:**

Consequent to the above, there is an increase in OBR Adjustment and back filling charge by Rs.40.82 Crore (Increase in charge) out of which an amount of Rs.15.87 Crore is transacted by way of reduction in Retained Earnings as on 01.04.2021. Considering the Deferred Tax Asset of Rs.1.04 Crore, the net decrease in the Retained Earnings as on 01.04.2021 is Rs.14.83 Crore.

The remaining amount of Rs.24.95 Crore is transacted by way of restatement of reported figures of the comparative period i.e. FY 2021-22. Consequently, there is a reduction in Profit before Tax by Rs.24.95 Crore. Considering the Deferred Tax Asset of Rs.0.84 Crore, the net decrease and PAT of FY 2021-22 by Rs.24.11 Crore.

### **ii) Omission to recognize partial Backfilling Obligation for MNG OC :**

As per the Revised Environment Clearance for MNG OCP obtained from MOEF Dt.18.02.2022 the depth of the mine void shall be reduced from current 200 m to 150m (at least) and height of OB Dump and re-grade it for better landscaping. However, the Technical Dept Project had not considered the above revised EC conditions in the estimation of Backfilling and water body obligations of FY 2021-22 since representations were made to MoEF to consider final void depth at 200 m in line with approved Mining plan which is base document for the grant of EC.

As per the revised EC conditions, it is required to backfill the final void with 8.71 M.cum to bring the void depth from 200 m to 150 m in addition to adequate Engineering interventions shall be provide for the

*Additional notes to the financial statements (standalone) for the year ended 31<sup>st</sup> March, 2023 (contd...)*

sustenance of aquatic life there in for final void area of 158.96 Ha with a depth of 150 m from earlier 200 m. However, during the FY 2022-23, Technical Dept has proposed to adopt the revised EC to consider partial backfilling and partial waterbody as per the above revised EC conditions.

Since the revised EC condition i.e. partial backfilling and partial waterbody should have been adopted in FY 2021-22 itself and provision should have been reassessed based on the revised EC condition, the issue is considered as a Prior Period Error and corrected retrospectively as per Ind AS-8 read with the Company's significant Accounting Policy No.2.2.21.

**Financial Impact:**

Consequent to above correction of Prior period Error, there is a net decrease in the Unwinding cost of FY 2021-22 by Rs.1.65 Crore and increase in the depreciation on corresponding asset for FY 2021-22 by Rs.18.81 Crore. This impact was corrected by way of restatement of reported figures of the Comparative Period i.e. FY 2021-22. Owing to this, there is a reduction in the Profit Before Tax of FY 2021-22 by Rs.17.16 Crore. After considering the Deferred Tax Asset of Rs. 4.32 Crore, the net decrease and PAT of FY 2021-22 by Rs.12.84 Crore.

**iii) Omission to regularize reduction in MAT credit :**

During the year 2018-19, MAT Credit of Rs.192 Crore was recognised and the Tax Expense was reduced accordingly. Subsequently, it was observed that the MAT Credit was overstated by Rs.60.34 Crs (the Mine Closure Provision of Rs.172.67 Crore was wrongly claimed) which should have been regularized in 2019-20. This excess recognition of MAT Credit in FY 2018-19 and its non regularization in 2019-20 is considered as a material Prior Period error and corrected by retrospectively by way of adjustment against the Retained Earnings as on 01.04.2021 as per Ind AS 8 read with the Companies significant Accounting Policy no.2.2.21.

**Financial Impact:**

Consequent to above correction of Prior period Error, there is a decrease in the opening balance of Retained Earnings as on 01.04.2021 by Rs.60.34 Crore and corresponding reduction in the Current Tax Asset (grouping Debit).

**iv) Other Prior Period Errors:**

In addition to the above, few Prior Period Errors viz. non accounting of receivable against the CMPS charges recovered from CMPF authorities in respect of employees whose service was extended from 60 years to 61 years, excess provision for sampling charges, repairs & maintenance, omission to make provision for perks tax, short recognition of ROU lease liability charging the Magnetic separators to revenue though approval was accorded for procurement as capital items etc. have been identified during the year.

These Prior Period Errors are required to be corrected retrospectively as per Ind AS -8 read with the Company's Accounting Policy No 2.2.21.

Consequently, the above prior period errors amounting to Rs.12.81 (Net Income) and Deferred Tax Impact there on of Rs.3.81 Crore (net impact being Rs.9.00 Crore) have been corrected retrospectively by restating the opening balance of Retained Earnings as on 01.04.2021 (earliest period) by Rs.1.75 Crore (net Increase in Retained Earnings) and by restating the comparative reported figures for the Previous Period i.e 2021-22 by Rs.7.25 Crore (net Increase in PAT).



*Additional notes to the financial statements (standalone) for the year ended 31<sup>st</sup> March, 2023 (contd...)*

## 10. EXCEPTIONAL ITEMS:

### i) Remediation Action Plan:

During FY 2022-23, ECs were approved for four Mines by MoEF&CC and EAC/SEAC recommended ECs for six Mines recommending the activities for Rs.20.65 Crore towards implementation of RP, CRAP, NCRAP & PH commitments as against the provision made for Rs.26.30 Crore. Accordingly, excess provision of Rs.5.65 Crore was written back and credited to Profit and Loss Account of the Current Year. Further, an amount of Rs.8.13 Crore is provided towards implementation of RP, CRAP, NCRAP & PH commitments in respect of the remaining Mines in Violation Category. The Net increase in the Provision Rs.2.48 Crore (PY withdrawal of Rs.4.43 Crore).

### ii) Provision for Environment Compensation – (Hon' NGT):

During the year 2022-23, provision for an amount of Rs.0.13 crore is made consequent to the notice issued by TSPCB on 05.06.2023 environmental violation observed at Kharagura OCP, in pursuance of Hon' NGT directions. (PY Rs. 41.21 Crore).

### iii) Penalties levied on Supplier for performance failure at Adriyala Longwall Project:

During the year, decision was taken to impose penalties on supplier against the for failure to achieve performance obligations at Adriyala Longwall Project. Accordingly, 20% equipment value withheld of Euro 1,09,09,741.01 have been adjusted towards Penalty. In addition, the Bank Guarantee submitted by the Firm for Euro 55,43,664.00 was also invoked. This Penalty Income arising out of the settlement of dispute translated into Rs.147.22 Crore is classified and presented as Exceptional Item for FY 2022-23.

Considering the specific nature of the above expenditures, the Company has classified and disclosed the same as an Exceptional Items as per Para No. 9.6 of Guidance Note issued by ICAI on Division II - Ind AS Schedule -III to the Companies Act, 2013.

## 11. DIVIDEND INFORMATION:

For the year 2021-22, dividend was declared by the shareholders in the AGM held on 29.12.2022 @ 7.5% of paid up Share Capital. The Dividend of Rs.129.99 Crore was paid during the current year and adjusted against the Retained Earnings.

For the year 2022-23, the Board of Directors have recommended dividend @ 10% of the Paid up Share Capital which works out to Rs.173.32 Crore. Pending declaration of Dividend for the year 2022-23 by the shareholders in the ensuing AGM, the same is not accounted in the Books of Account as it is in the nature of an 'Non Adjusting Event' after the Reporting Date as per the provisions of Ind AS 10 "Events after the Reporting Date".

## 12. DISCLOSURES WITH REGARD TO IMPACT OF COVID-19 ON THE COMPANY'S OPERATIONS:

### I. Impact of Covid-19 during FY 2022-23

#### a) Coal Mining Operations:

The performance of the Company with regard to coal mining operations is normal during the year and there is no impact of COVID -19.( PY reduction in the production and dispatches of coal by 2.00 LT). Further, there is no reduction in the revenue and PBT from coal operations of Current Year ( PY - reduction in Revenues of Rs.53.00 Crore and reduction in PBT of Rs.35.00 Crore).

#### b) Power Plant Operations (STPP) :

The performance of the Company with regard to operations of STPP in current year as well as and previous year have been normal and there was no impact of COVID -19 on the Gross Generation and Net Export during the current year as well as previous year.



*Additional notes to the financial statements (standalone) for the year ended 31<sup>st</sup> March, 2023 (contd...)*

**II. Impact of Covid-19 on the Operations of FY 2023-24:**

Due to restoration of normal conditions it is expected that any further break-out of next waves of Covid-19, if any, are not expected to have any significant influence on the operations of the Company during the year 2023-24.

- 13.1** Previous period's figures have been regrouped, rearranged and renumbered wherever considered necessary.
- 13.2** The effect of changes/modifications in the Accounting Policies and Correction of Material Prior Period Errors as mentioned at Note No.39.9 and 39.6 have been carried out by restating each of the affected financial statement line items for prior periods as per Ind AS-8. The impact of the restatement on the Company's Standalone Financial Statements is furnished hereunder:



**Singareni Thermal Power Plant (2X 600MW), Jaipur (Mancherial)**



Additional notes to the financial statements (standalone) for the year ended 31<sup>st</sup> March, 2023 (contd...)

## Balance Sheet (Standalone)

As at 1<sup>st</sup> April 2021

(Rs. in Crore)

| Sl. No.        | Particulars                               | Note No | Impact of correction of error and changes in Accounting Policies |                |                  |
|----------------|---|---------|--|----------------|------------------|
|                |   |         | As previously reported   | Adjustments    | As Restated      |
| <b>ASSETS:</b> |   |         |  |                |                  |
| <b>A.</b>      | <b>Non-Current Assets:</b>                |         |  |                |                  |
|                | (a) Property, Plant and Equipment         | 3       | 14,441.89  | 8.07           | 14,449.96        |
|                | (b) Capital Work-In-Progress              | 4       | 1,535.99   | -              | 1,535.99         |
|                | (c) Investment Property                   | 5A      | 1.06   | -              | 1.06             |
|                | (d) Right of Use Assets                   | 5B      | 14.82  | -              | 14.82            |
|                | (e) Other Intangible Assets               | 5C      | 0.80   | -              | 0.80             |
|                | (f) Intangible Assets - Under Development | 5D      | 367.11   | -              | 367.11           |
|                | (g) Financial Assets:                     |         |  |                |                  |
|                | (i) Investments                           | 6       | 2,809.37   | -              | 2,809.37         |
|                | (ii) Others                               | 8       | 4,738.53   | -              | 4,738.53         |
|                | (h) Deferred Tax Assets (Net)             | 9       | 2,059.25   | (43.12)        | 2,016.12         |
|                | (i) Other Non-Current Assets              | 10      | 579.72   | -              | 579.72           |
|                | <b>Total Non-Current Assets (A)</b>       |         | <b>26,548.53</b>   | <b>(35.05)</b> | <b>26,513.48</b> |
| <b>B.</b>      | <b>Current Assets:</b>                    |         |  |                |                  |
|                | (a) Inventories                           | 11      | 1,287.89   | 173.15         | 1,461.04         |
|                | (b) Financial Assets:                     |         |  |                |                  |
|                | (i) Trade Receivables                     | 12      | 9,400.33   | -              | 9,400.33         |
|                | (ii) Cash and Cash Equivalents            | 13      | 886.33   | -              | 886.33           |
|                | (iii) Bank Balance Other than (ii) above  | 14      | 692.08   | -              | 692.08           |
|                | (iv) Investments                          | 6       | 0.96   | -              | 0.96             |
|                | (v) Loans                                 | 7       | 57.83  | 2.34           | 60.17            |
|                | (vi) Others                               | 8       | 546.91   | -              | 546.91           |
|                | (c) Current Tax Asset (Net)               | 15      | 193.92   | (60.34)        | 133.58           |
|                | (d) Other Current Assets                  | 16      | 1,082.39   | -              | 1,082.39         |
|                | <b>Total Current Assets (B)</b>           |         | <b>14,148.64</b>   | <b>115.15</b>  | <b>14,263.79</b> |
|                | <b>TOTAL ASSETS (A+B)</b>                 |         | <b>40,697.17</b>   | <b>80.10</b>   | <b>40,777.27</b> |



Additional notes to the financial statements (standalone) for the year ended 31<sup>st</sup> March, 2023 (contd...)**Balance Sheet (Standalone) (Contd...)**As at 1<sup>st</sup> April 2021

(Rs. in Crore)

| Sl. No.    | Particulars                                | Note No | Impact of correction of error and changes in Accounting Policies |              |                  |
|------------|--|---------|--|--------------|------------------|
|            |  |         | As previously reported   | Adjustments  | As Restated      |
|            | <b>EQUITY AND LIABILITIES:</b>             |         |  |              |                  |
| <b>A.</b>  | <b>EQUITY:</b>                             |         |  |              |                  |
|            | (a) Equity Share Capital                   | 17      | 1,733.20   | -            | 1,733.20         |
|            | (b) Other Equity                           | 18      | 6,908.62   | 56.16        | 6,964.78         |
|            | <b>Total Equity (A)</b>                    |         | <b>8,641.82</b>  | <b>56.16</b> | <b>8,697.98</b>  |
| <b>B.</b>  | <b>LIABILITIES:</b>                        |         |  |              |                  |
| <b>B.1</b> | <b>Non-Current Liabilities:</b>            |         |  |              |                  |
|            | (a) Financial Liabilities:                 |         |  |              |                  |
|            | (i) Borrowings                             | 19      | 3,621.26   | -            | 3,621.26         |
|            | (ii) Lease Liability                       | 21 A-1  | 3.69   | -            | 3.69             |
|            | (iii) Other Financial Liabilities          | 21 B-1  | 281.10   | -            | 281.10           |
|            | (b) Provisions                             | 22.1    | 20,512.68  | 23.94        | 20,536.62        |
|            | <b>Total Non-Current Liabilities (B.1)</b> |         | <b>24,418.73</b>   | <b>23.94</b> | <b>24,442.67</b> |
| <b>B.2</b> | <b>Current Liabilities:</b>                |         |  |              |                  |
|            | (a) Financial Liabilities:                 |         |  |              |                  |
|            | (i) Borrowings                             | 19      | 1,724.58   | -            | 1,724.58         |
|            | (ii) Trade Payables                        |         |  |              |                  |
|            | - Micro and Small Enterprises              | 20 B1   | 25.95  | -            | 25.95            |
|            | - Others                                   | 20 B2   | 826.08   | -            | 826.08           |
|            | (iii) Lease Liability                      | 21 A-2  | 12.72  | -            | 12.72            |
|            | (iv) Other Financial Liabilities           | 21 B-2  | 1,510.73   | -            | 1,510.73         |
|            | (b) Other Current Liabilities              | 24      | 2,363.96   | -            | 2,363.96         |
|            | (c) Provisions                             | 22.2    | 1,172.60   | -            | 1,172.60         |
|            | (d) Current Tax Liabilities (Net)          | 25      | -  | -            | -                |
|            | <b>Total Current Liabilities (B.2)</b>     |         | <b>7,636.62</b>  | <b>-</b>     | <b>7,636.62</b>  |
|            | <b>Total Liabilities (B=(B.1+B.2))</b>     |         | <b>32,055.35</b>   | <b>23.94</b> | <b>32,079.29</b> |
|            | <b>TOTAL EQUITY AND LIABILITIES (A+B)</b>  |         | <b>40,697.17</b>   | <b>80.10</b> | <b>40,777.27</b> |



Additional notes to the financial statements (standalone) for the year ended 31<sup>st</sup> March, 2023 (contd...)

## Balance Sheet (Standalone) (Contd...)

As at 31<sup>st</sup> March 2022

(Rs. in Crore)

| Sl. No.   | Particulars                               | Note No | Impact of correction of error and changes in Accounting Policies |               |                  |
|-----------|---|---------|--|---------------|------------------|
|           |   |         | Restated as at 31.03.2022 *                                      | Adjustments   | As Restated      |
|           | <b>ASSETS:</b>                            |         |  |               |                  |
| <b>A.</b> | <b>Non-Current Assets:</b>                |         |  |               |                  |
|           | (a) Property, Plant and Equipment         | 3       | 16,997.52  | 52.02         | 17,049.54        |
|           | (b) Capital Work-In-Progress              | 4       | 1,349.20   | 1.28          | 1,350.48         |
|           | (c) Investment Property                   | 5A      | 1.04   | -             | 1.04             |
|           | (d) Right of Use Assets                   | 5B      | 15.98  | -             | 15.98            |
|           | (e) Other Intangible Assets               | 5C      | 0.41   | -             | 0.41             |
|           | (f) Intangible Assets - Under Development | 5D      | 598.16   | -             | 598.16           |
|           | (g) Financial Assets:                     |         |  |               |                  |
|           | (i) Investments                           | 6       | 1,809.37   | -             | 1,809.37         |
|           | (ii) Others                               | 8       | 6,513.13   | -             | 6,513.13         |
|           | (h) Deferred Tax Assets (Net)             | 9       | 1,826.01   | 3.32          | 1,829.33         |
|           | (i) Other Non-Current Assets              | 10      | 829.74   | -             | 829.73           |
|           | <b>Total Non-Current Assets (A)</b>       |         | <b>29,940.55</b>   | <b>56.62</b>  | <b>29,997.17</b> |
| <b>B.</b> | <b>Current Assets:</b>                    |         |  |               |                  |
|           | (a) Inventories                           | 11      | 1,464.57   | (5.50)        | 1,459.08         |
|           | (b) Financial Assets:                     |         |  |               |                  |
|           | (i) Trade Receivables                     | 12      | 14,640.30  | -             | 14,640.30        |
|           | (ii) Cash and Cash Equivalents            | 13      | 460.37   | -             | 460.37           |
|           | (iii) Bank Balance Other than (ii) above  | 14      | 64.28  | -             | 64.28            |
|           | (iv) Investments                          | 6       | 1,000.00   | -             | 1,000.00         |
|           | (v) Loans                                 | 7       | 55.31  | 0.50          | 55.81            |
|           | (vi) Others                               | 8       | 665.01   | -             | 665.01           |
|           | (c) Current Tax Asset (Net)               | 15      | 27.58  | -             | 27.58            |
|           | (d) Other Current Assets                  | 16      | 1,150.56   | -             | 1,150.56         |
|           | <b>Total Current Assets (B)</b>           |         | <b>19,527.98</b>   | <b>(5.00)</b> | <b>19,522.99</b> |
|           | <b>TOTAL ASSETS (A+B)</b>                 |         | <b>49,468.53</b>   | <b>51.62</b>  | <b>49,520.16</b> |

\* figures reported are after giving effect of the impact of correction of errors and changes in accounting policies as on 01.04.2021.

Additional notes to the financial statements (standalone) for the year ended 31<sup>st</sup> March, 2023 (contd...)**Balance Sheet (Standalone) (contd...)**As at 31<sup>st</sup> March 2022

(Rs. in Crore)

| Sl. No.                        | Particulars                                | Note No | Impact of correction of error and changes in Accounting Policies |                |                  |
|--------------------------------|--|---------|--|----------------|------------------|
|                                |  |         | Restated as at 31.03.2022 *                                      | Adjustments    | As Restated      |
| <b>EQUITY AND LIABILITIES:</b> |  |         |  |                |                  |
| <b>A.</b>                      | <b>EQUITY:</b>                             |         |  |                |                  |
|                                | (a) Equity Share Capital                   | 17      | 1,733.20   | -              | 1,733.20         |
|                                | (b) Other Equity                           | 18      | 8,115.13   | (33.84)        | 8,081.29         |
|                                | <b>Total Equity (A)</b>                    |         | <b>9,848.33</b>  | <b>(33.84)</b> | <b>9,814.49</b>  |
| <b>B.</b>                      | <b>LIABILITIES:</b>                        |         |  |                |                  |
| <b>B.1</b>                     | <b>Non-Current Liabilities:</b>            |         |  |                |                  |
|                                | (a) Financial Liabilities:                 |         |  |                |                  |
|                                | (i) Borrowings                             | 19      | 2,776.29   | -              | 2,776.29         |
|                                | (ii) Lease Liability                       | 21 A-1  | 9.39   | -              | 9.39             |
|                                | (iii) Other Financial Liabilities          | 21 B-1  | 304.17   | -              | 304.17           |
|                                | (b) Provisions                             | 22.1    | 25,601.98  | 94.14          | 25,696.12        |
|                                | <b>Total Non-Current Liabilities (B.1)</b> |         | <b>28,691.83</b>   | <b>94.14</b>   | <b>28,785.97</b> |
| <b>B.2</b>                     | <b>Current Liabilities:</b>                |         |  |                |                  |
|                                | (a) Financial Liabilities:                 |         |  |                |                  |
|                                | (i) Borrowings                             | 19      | 1,363.26   | -              | 1,363.26         |
|                                | (ii) Trade Payables                        |         |  |                |                  |
|                                | - Micro and Small Enterprises              | 20 B1   | 18.35  | -              | 18.35            |
|                                | - Others                                   | 20 B2   | 995.51   | -              | 995.51           |
|                                | (iii) Lease Liability                      | 21 A-2  | 5.81   | 1.54           | 7.35             |
|                                | (iv) Other Financial Liabilities           | 21 B-2  | 1,277.28   | (206.74)       | 1,070.54         |
|                                | (b) Other Current Liabilities              | 24      | 5,223.57   | 256.32         | 5,479.89         |
|                                | (c) Provisions                             | 22.2    | 2,044.61   | (59.81)        | 1,984.80         |
|                                | (d) Current Tax Liabilities (Net)          | 25      | -  | -              | -                |
|                                | <b>Total Current Liabilities (B.2)</b>     |         | <b>10,928.39</b>   | <b>(8.69)</b>  | <b>10,919.70</b> |
|                                | <b>Total Liabilities (B=(B.1+B.2))</b>     |         | <b>39,620.22</b>   | <b>85.46</b>   | <b>39,705.67</b> |
|                                | <b>TOTAL EQUITY AND LIABILITIES (A+B)</b>  |         | <b>49,468.55</b>   | <b>51.62</b>   | <b>49,520.16</b> |

\* figures reported are after giving effect of the impact of correction of errors and changes in accounting policies as on 01.04.2021.



Additional notes to the financial statements (standalone) for the year ended 31<sup>st</sup> March, 2023 (contd...)

## Statement of Profit & Loss (Standalone)

For the year ended 31<sup>st</sup> March, 2022

(Rs. in Crore)

| S. No.                          | Particulars   | Note No. | Impact of correction of error and changes in Accounting Policies |                |                  |
|---------------------------------|---|----------|--|----------------|------------------|
|                                 |   |          | For the year ended   |                |                  |
|                                 |   |          | 31.03.2022   | Adjustments    | 31.03.2022       |
| <b>REVENUE FROM OPERATIONS:</b> |   |          |  |                |                  |
| (I)                             | Revenue from Operations   | 26       | 20,495.10  | -              | 20,495.10        |
| (II)                            | Other Income  | 27       | 1,396.98   | (1.87)         | 1,395.12         |
| (III)                           | <b>Total Income (I+II)</b>  |          | <b>21,892.08</b>   | <b>(1.87)</b>  | <b>21,890.22</b> |
| (IV)                            | <b>EXPENSES:</b>  |          |  |                |                  |
|                                 | Cost of Materials Consumed  | 28       | 4,535.88   | (0.77)         | 4,535.11         |
|                                 | Changes in Inventories of Finished goods                                    | 29       | (28.53)  | 6.35           | (22.18)          |
|                                 | Employee Benefits Expense   | 30       | 6,698.01   | (8.94)         | 6,689.07         |
|                                 | Finance Costs   | 31       | 1,326.81   | (0.68)         | 1,326.12         |
|                                 | Depreciation and Amortization expenses                                      | 31A      | 1,600.46   | 19.30          | 1,619.76         |
|                                 | Power & Fuel  | 32       | 394.38   | -              | 394.38           |
|                                 | Repairs & Maintenance   | 33       | 225.62   | (0.51)         | 225.11           |
|                                 | Contractual Expenses  | 34       | 2,759.80   | 1.55           | 2,761.35         |
|                                 | Provisions  | 35       | 807.19   | -              | 807.19           |
|                                 | Write offs  | 36       | 337.93   | -              | 337.93           |
|                                 | Stripping Activity (OBR) Adjustment   |          | 753.90   | 21.64          | 775.54           |
|                                 | Other Expenses  | 37       | 673.47   | (2.64)         | 670.83           |
|                                 | <b>Total Expenses (IV)</b>  |          | <b>20,084.92</b>   | <b>35.29</b>   | <b>20,120.21</b> |
| (V)                             | <b>Profit/(Loss)before Exceptional Items and Tax (III-IV)</b>               |          | <b>1,807.17</b>  | <b>(37.16)</b> | <b>1,770.01</b>  |
| (VI)                            | Exceptional Items   | 38       | 36.78  | -              | 36.78            |
| (VII)                           | <b>Profit / (Loss) Before Tax (V) - (VI)</b>                                |          | <b>1,770.39</b>  | <b>(37.16)</b> | <b>1,733.23</b>  |
| (VIII)                          | <b>Tax Expense:</b>   |          |  |                |                  |
|                                 | (1) Current Tax   |          | 304.72   | -              | 304.72           |
|                                 | (2) Tax relating to Earlier periods   |          | -  | -              | -                |
|                                 | (3) Deferred Tax  |          | 202.33   | (3.32)         | 199.00           |
|                                 | <b>Total Tax Expense</b>  |          | <b>507.05</b>  | <b>(3.32)</b>  | <b>503.72</b>    |
| (IX)                            | <b>Profit (Loss) for the period from Continuing Operations (VII - VIII)</b> |          | <b>1,263.34</b>  | <b>(33.84)</b> | <b>1,229.50</b>  |
| (X)                             | Profit/(Loss) from discontinued operations                                  |          | -  | -              | -                |
| (XI)                            | Tax expenses of discontinued operations                                     |          | -  | -              | -                |
| (XII)                           | Profit/ (loss) from discontinued operations (After Tax) (X- XI)             |          | -  | -              | -                |

Additional notes to the financial statements (standalone) for the year ended 31<sup>st</sup> March, 2023 (contd...)**Statement of Profit & Loss (Standalone) (Contd.)**For the year ended 31<sup>st</sup> March, 2022

(Rs. in Crore)

| Sl. No. | Particulars  | Note No. | Impact of correction of error and changes in Accounting Policies |                |                 |
|---------|--|----------|--|----------------|-----------------|
|         |  |          | For the year ended   |                |                 |
|         |  |          | 31.03.2022   | Adjustments    | 31.03.2022      |
| (XIII)  | <b>Profit/(loss) for the Period (IX+XII)</b>   |          | <b>1,263.34</b>  | <b>(33.84)</b> | <b>1,229.50</b> |
| (XIV)   | <b>Other Comprehensive Income (OCI):</b>   |          |  |                |                 |
|         | <b>A.</b> Items that will not be reclassified to profit or loss                                    | 38A      |  |                |                 |
|         | Remeasurement of Employee Benefit Obligations  |          | (48.51)  | -              | (48.51)         |
|         | <b>Less:</b> Income tax relating to items that will not be reclassified to Profit or Loss on above |          | 12.21  | -              | 12.21           |
|         | <b>B.</b> Items that will be reclassified to profit or loss  |          | -  | -              | -               |
|         | <b>Less:</b> Income tax relating to items that will not be reclassified to Profit or Loss on above |          | -  | -              | -               |
|         | <b>Total Other Comprehensive Income (XIV)</b>  |          | <b>(36.30)</b>   | <b>-</b>       | <b>(36.30)</b>  |
| (XV)    | <b>Total Comprehensive Income for the Year (XIII+XIV)</b>  |          | <b>1,227.04</b>  | <b>(33.84)</b> | <b>1,193.20</b> |
| (XVI)   | <b>Earnings per Equity Share (Face value of Rs.10/- each): @:</b>                                  |          |  |                |                 |
|         | (1) Basic (in Rs.)   |          | 7.29   |                | 7.09            |
|         | (2) Diluted (in Rs.)   |          | 7.29   |                | 7.09            |

@ There is no material impact on the Group's basic and diluted earnings per share.

- 13.3 (i) Note-1 gives Corporate information;  
(ii) Note-2 represents Significant Accounting Policies  
(iii) Note-3 to Note-25 form part of the Balance Sheet as at 31<sup>st</sup> March, 2023  
(iv) Note-26 to Note-38A form part of Statement of Profit & Loss for the year ended on that date; and  
(v) Note-39 represents Additional Notes to the Financial Statements for FY 2022-23.  
(vi) The Financial Statements for the year ended 31.03.2023 have been approved by the Board and authorized for issue on 14.07.2023.

**The accompanying Notes form an integral part of Financial Statements:****For and on behalf of the Board**

|  |   |   |  |
|--|---|---|--|
| Sd/-<br><b>(K. Sunitha Devi)</b><br>Company Secretary<br>ACS No. 51468 | Sd/-<br><b>(Mullapudi Subba Rao)</b><br>General Manager (F&A) | Sd/-<br><b>(N. Balram)</b><br>Director (Finance) & CFO<br>DIN: 08319629 | Sd/-<br><b>(N. Sridhar)</b><br>Chairman & Managing Director<br>DIN: 02510496 |
|--|---|---|--|

**As per our Report of even date**

For **Brahmayya & CO**  
Chartered Accountants,  
Firm Regn No.000513S

Sd/-  
**(CA.T.V. Ramana)**  
Partner  
Membership No. 200523

For **M. ANANDAM & CO**  
Chartered Accountants,  
Firm Regn No.000125S

Sd/-  
**(CA M.R. Vikram)**  
Partner  
Membership No.021012

Date : 14.07.2023

Place : Hyderabad



## FORM AOC-1

[Pursuant to first proviso to sub-section (3) of section 129 read with rule of 5 of  
Companies (Accounts) Rules, 2014]

**Statement containing salient features of the financial statement of  
subsidiaries / associate companies / joint ventures.**

### Part "A": Subsidiaries

(Information in respect of each subsidiary to be presented with amounts Rs. in Crore)

**FY 2022-23**

|    |  |  |
|----|--|--|
| 1  | Name of the subsidiary   | Andhra Pradesh Heavy Machinery & Engineering Limited |
| 2  | Reporting period of the subsidiary concerned, if different from the holding company's reporting period                     | NA   |
| 3  | Reporting current and Exchange rate as on the last date of the relevant Financial year in the case of foreign subsidiaries | NA   |
| 4  | Share Capital  | 17.27  |
| 5  | Reserves & Surplus   | 26.61  |
| 6  | Total Assets   | 55.41  |
| 7  | Total Liabilities  | 55.41  |
| 8  | Investments  | -  |
| 9  | Turnover   | 42.18  |
| 10 | Profit / (Loss) before Taxation  | 5.23   |
| 11 | Provision for Taxation   | 1.70   |
| 12 | Profit / (Loss) after Taxation   | 3.53   |
| 13 | Proposed Dividend  | -  |
| 14 | % of shareholding  | 81.54%   |

**The accompanying Notes form an integral part of Financial Statements:**

**For and on behalf of the Board**

Sd/-  
**(K. Sunitha Devi)**  
Company Secretary  
ACS No. 51468

Sd/-  
**(Mullapudi Subba Rao)**  
General Manager (F&A)

Sd/-  
**(N. Balram)**  
Director (Finance) & CFO  
DIN: 08319629

Sd/-  
**(N. Sridhar)**  
Chairman & Managing Director  
DIN: 02510496

Date : 14.07.2023  
Place : Hyderabad

**Part “B”: Associated and Joint Ventures**

Statement pursuant to Section 129 (3) of the Companies Act, 2013 related to Associated Companies and Joint Ventures (FY 2022-23)

| Name of Associates / Joint Ventures |   | APMDC - SCCL Suliyari Coal Company Limited  |
|-------------------------------------|---|---|
| 1                                   | Latest audited Balance Sheet Date   | -   |
| 2                                   | Shares of Associate / Joint Ventures held by the Company on the year end.                 |   |
|                                     | No.   | 4900  |
|                                     | Amount of Investment in Associates / Joint Venture (Rs. in Crore)                         | 0.0049                                      |
|                                     | Extent of Holding %   | 0.49  |
| 3                                   | Description of how there is significant influence   | By virtue of shareholding                   |
| 4                                   | Reason why the associate / joint venture is not consolidated                              | Financial statements are not made available |
| 5                                   | Net worth attributable to Shareholding as per latest audited Balance Sheet (Rs. in Crore) | 0.0049                                      |
| 6                                   | Profit / Loss for the year  |   |
|                                     | i) Considered in Consolidation (Rs. in Crore)   | -   |
|                                     | ii) Not considered in Consolidation   | -   |

The accompanying Notes form an integral part of Financial Statements:

For and on behalf of the Board

Sd/-  
**(K. Sunitha Devi)**  
Company Secretary  
ACS No. 51468

Sd/-  
**(Mullapudi Subba Rao)**  
General Manager (F&A)

Sd/-  
**(N. Balram)**  
Director (Finance) & CFO  
DIN: 08319629

Sd/-  
**(N. Sridhar)**  
Chairman & Managing Director  
DIN: 02510496

Date : 14.07.2023

Place : Hyderabad



## Balance Sheet (Consolidated) as at 31<sup>st</sup> March 2023

(Rs. in Crore)

| S. No.    | Particulars                               | Note No | As at 31.03.2023 | As at 31.03.2022 *(Restated) | As at 01.04.2021 *(Restated) |
|-----------|---|---------|------------------|------------------------------|------------------------------|
|           | <b>ASSETS:</b>                            |         |                  |                              |                              |
| <b>A.</b> | <b>Non-Current Assets:</b>                |         |                  |                              |                              |
| (a)       | Property, Plant and Equipment             | 3       | 19,592.83        | 17,053.82                    | 14,450.77                    |
| (b)       | Capital Work-In-Progress                  | 4       | 830.69           | 1,351.86                     | 1,538.96                     |
| (c)       | Goodwill                                  |         | 14.95            | 14.95                        | 14.95                        |
| (d)       | Investment Properties                     | 5A      | 26.20            | 1.04                         | 1.06                         |
| (e)       | Right of Use Assets                       | 5B      | 15.23            | 15.98                        | 14.82                        |
| (f)       | Intangible Assets                         | 5C      | 381.35           | 0.41                         | 0.80                         |
| (g)       | Intangible Assets - Under Development     | 5D      | 25.50            | 598.16                       | 367.11                       |
| (h)       | Financial Assets:                         |         |                  |                              |                              |
|           | (i) Investments                           | 6       | 1,800.19         | 1,800.19                     | 2,800.19                     |
|           | (ii) Trade Receivables                    | 12A     | 483.74           | -                            | -                            |
|           | (iii) Others                              | 8A      | 8,283.99         | 6,513.31                     | 4,738.73                     |
| (i)       | Deferred Tax Assets (Net)                 | 9       | 1,375.59         | 1,830.93                     | 2,017.02                     |
| (j)       | Other Non-Current Assets                  | 10      | 1,172.32         | 829.83                       | 580.46                       |
|           | <b>Total Non-Current Assets (A)</b>       |         | <b>34,002.58</b> | <b>30,010.48</b>             | <b>26,524.87</b>             |
| <b>B.</b> | <b>Current Assets:</b>                    |         |                  |                              |                              |
| (a)       | Inventories                               | 11      | 2,106.65         | 1,466.74                     | 1,470.48                     |
| (b)       | Financial Assets:                         |         |                  |                              |                              |
|           | (i) Trade Receivables                     | 12B     | 14,756.65        | 14,646.98                    | 9,408.36                     |
|           | (ii) Cash and Cash Equivalentents         | 13      | 929.84           | 473.14                       | 887.00                       |
|           | (iii) Bank Balances Other than (ii) above | 14      | 538.53           | 77.82                        | 705.32                       |
|           | (iv) Investments                          | 6       | 500.25           | 1,000.00                     | 0.96                         |
|           | (v) Loans                                 | 7       | 41.95            | 57.00                        | 61.41                        |
|           | (vi) Others                               | 8B      | 1,246.68         | 665.14                       | 547.03                       |
| (c)       | Current Tax Assets (Net)                  | 15      | 22.86            | 28.63                        | 134.52                       |
| (d)       | Other Current Assets                      | 16      | 1,897.81         | 1,151.65                     | 1,083.66                     |
|           | <b>Total Current Assets (B)</b>           |         | <b>22,041.22</b> | <b>19,567.10</b>             | <b>14,298.74</b>             |
|           | <b>TOTAL ASSETS (A+B)</b>                 |         | <b>56,043.80</b> | <b>49,577.58</b>             | <b>40,823.61</b>             |



**Balance Sheet (Consolidated) as at 31<sup>st</sup> March 2023 (Contd.)**

(Rs. in Crore)

| S. No.     | Particulars                                       | Note No | As at 31.03.2023 | As at 31.03.2022 *(Restated) | As at 01.04.2021 *(Restated) |
|------------|---|---------|------------------|------------------------------|------------------------------|
|            | <b>EQUITY AND LIABILITIES:</b>                    |         |                  |                              |                              |
| <b>A.</b>  | <b>EQUITY:</b>                                    |         |                  |                              |                              |
|            | (a) Equity Share Capital                          | 17      | 1,733.20         | 1,733.20                     | 1,733.20                     |
|            | (b) Other Equity                                  | 18A     | 10,246.12        | 8,123.65                     | 7,007.85                     |
|            | (c) Non Controlling Interest                      | 18B     | 8.46             | 8.29                         | 8.45                         |
|            | <b>Total Equity (A)</b>                           |         | <b>11,987.78</b> | <b>9,865.14</b>              | <b>8,749.50</b>              |
| <b>B.</b>  | <b>LIABILITIES:</b>                               |         |                  |                              |                              |
| <b>B.1</b> | <b>Non-Current Liabilities:</b>                   |         |                  |                              |                              |
|            | (a) Financial Liabilities:                        |         |                  |                              |                              |
|            | (i) Borrowings                                    | 19A     | 2,369.91         | 2,776.29                     | 3,621.26                     |
|            | (ii) Lease Liabilities                            | 21 A-1  | 4.40             | 9.39                         | 3.69                         |
|            | (iii) Other Financial Liabilities                 | 21 B-1  | 247.99           | 304.16                       | 281.10                       |
|            | (b) Provisions                                    | 22.1    | 31,278.20        | 25,700.64                    | 20,540.60                    |
|            | <b>Total Non-Current Liabilities (B.1)</b>        |         | <b>33,900.50</b> | <b>28,790.48</b>             | <b>24,446.65</b>             |
| <b>B.2</b> | <b>Current Liabilities:</b>                       |         |                  |                              |                              |
|            | (a) Financial Liabilities:                        |         |                  |                              |                              |
|            | (i) Borrowings                                    | 19B     | 455.03           | 1,363.26                     | 1,724.59                     |
|            | (ii) Trade Payables                               |         |                  |                              |                              |
|            | - Dues to Micro Enterprises and Small Enterprises | 20.1    | 11.94            | 18.35                        | 25.97                        |
|            | - Dues to Others                                  | 20.2    | 1,210.76         | 994.29                       | 815.22                       |
|            | (iii) Lease Liabilities                           | 21 A-2  | 11.46            | 7.35                         | 12.72                        |
|            | (iv) Other Financial Liabilities                  | 21 B-2  | 847.99           | 1,070.90                     | 1,509.33                     |
|            | (b) Other Current Liabilities                     | 24      | 4,156.50         | 5,482.09                     | 2,332.30                     |
|            | (c) Provisions                                    | 22.2    | 3,461.84         | 1,985.72                     | 1,207.33                     |
|            | (d) Current Tax Liabilities (Net)                 | 25      | -                | -                            | -                            |
|            | <b>Total Current Liabilities (B.2)</b>            |         | <b>10,155.52</b> | <b>10,921.96</b>             | <b>7,627.46</b>              |
|            | <b>Total Liabilities (B=(B.1+B.2))</b>            |         | <b>44,056.02</b> | <b>39,712.44</b>             | <b>32,074.11</b>             |
|            | <b>TOTAL EQUITY AND LIABILITIES (A+B)</b>         |         | <b>56,043.80</b> | <b>49,577.58</b>             | <b>40,823.61</b>             |

\*The comparative information is restated on account of changes/modifications to Accounting Policies and correction of errors (Refer Note No.39.6 and 39.9)

The accompanying Notes form an integral part of Financial Statements:

For and on behalf of the Board

Sd/-  
**(K. Sunitha Devi)**  
Company Secretary  
ACS No. 51468

Sd/-  
**(Mullapudi Subba Rao)**  
General Manager (F&A)

Sd/-  
**(N. Balram)**  
Director (Finance) & CFO  
DIN: 08319629

Sd/-  
**(N. Sridhar)**  
Chairman & Managing Director  
DIN: 02510496

As per our Report of even date

For **Brahmayya & CO**  
Chartered Accountants,  
Firm Regn No.000513S

Sd/-  
**(CA.T.V. Ramana)**  
Partner  
Membership No. 200523

For **M. ANANDAM & CO**  
Chartered Accountants,  
Firm Regn No.000125S

Sd/-  
**(CA M.R. Vikram)**  
Partner  
Membership No.021012

Date : 14.07.2023

Place : Hyderabad



## Statement of Profit and Loss (Consolidated) for the year ended 31<sup>st</sup> March 2023

(Rs. in Crore)

| Sl. No. | Particulars  | Note No. | For the year ended |                           |
|---------|--|----------|--------------------|---------------------------|
|         |  |          | 31.03.2023         | 31.03.2022<br>*(Restated) |
|         | <b>REVENUE FROM OPERATIONS:</b>                                    |          |                    |                           |
| (I)     | Revenue from Operations  | 26       | 26,198.83          | 20,499.71                 |
| (II)    | Other Income   | 27       | 2,573.20           | 1,399.17                  |
| (III)   | <b>Total Income (I+II)</b>   |          | <b>28,772.03</b>   | <b>21,898.88</b>          |
| (IV)    | <b>EXPENSES:</b>   |          |                    |                           |
|         | Cost of Materials Consumed   | 28       | 6,483.83           | 4,528.29                  |
|         | Changes in Inventories of Finished goods                           | 29       | (640.09)           | (20.84)                   |
|         | Employee Benefits Expense  | 30       | 8,144.22           | 6,702.12                  |
|         | Finance Costs  | 31       | 1,600.74           | 1,326.13                  |
|         | Depreciation and Amortization expenses                             | 31A      | 2,276.54           | 1,619.90                  |
|         | Power & Fuel   | 32       | 427.64             | 394.95                    |
|         | Repairs & Maintenance  | 33       | 265.28             | 220.08                    |
|         | Contractual Expenses   | 34       | 2,969.06           | 2,765.72                  |
|         | Provisions   | 35       | 143.71             | 807.19                    |
|         | Write offs   | 36       | 73.24              | 338.57                    |
|         | Stripping Activity (OBR) Adjustment                                |          | 2,676.01           | 775.54                    |
|         | Other Expenses   | 37       | 918.72             | 672.64                    |
|         | <b>Total Expenses (IV)</b>   |          | <b>25,338.90</b>   | <b>20,130.29</b>          |
| (V)     | <b>Profit before Exceptional Items and Tax (III-IV)</b>            |          | <b>3,433.13</b>    | <b>1,768.59</b>           |
| (VI)    | Exceptional Items  | 38       | (144.61)           | 36.78                     |
| (VII)   | <b>Profit Before Tax (V) - (VI)</b>                                |          | <b>3,577.74</b>    | <b>1,731.81</b>           |
| (VIII)  | <b>Tax Expense:</b>  |          |                    |                           |
|         | (1) Current Tax  |          | 398.26             | 304.72                    |
|         | (2) Deferred Tax   |          | 580.83             | 198.33                    |
|         | <b>Total Tax Expense</b>   |          | <b>979.09</b>      | <b>503.05</b>             |
| (IX)    | <b>Profit for the year from Continuing Operations (VII - VIII)</b> |          | <b>2,598.65</b>    | <b>1,228.76</b>           |
| (X)     | Profit/(Loss) from discontinued operations                         |          | -                  | -                         |
| (XI)    | Tax expenses of discontinued operations                            |          | -                  | -                         |
| (XII)   | Profit/ (loss) from discontinued operations (After Tax) (X- XI)    |          | -                  | -                         |

**Statement of Profit and Loss (Consolidated) for the year ended 31<sup>st</sup> March 2023 (Contd.)**

(Rs. in Crore)

| Sl. No. | Particulars   | Note No. | For the year ended |                           |
|---------|---|----------|--------------------|---------------------------|
|         |   |          | 31.03.2023         | 31.03.2022<br>*(Restated) |
| (XIII)  | <b>Profit for the year (IX+XII)</b>   |          | <b>2,598.65</b>    | <b>1,228.76</b>           |
|         | <b>Attributable to:</b>   |          |                    |                           |
|         | <b>Equity Shareholders to Parent</b>  |          | 2598.48            | 1228.92                   |
|         | <b>Non-Controlling Interest</b>   |          | 0.17               | (0.16)                    |
| (XIV)   | <b>Other Comprehensive Income (OCI):</b>  |          |                    |                           |
|         | <b>A. Items that will not be reclassified to profit or loss</b>                             | 38A      |                    |                           |
|         | Remeasurement of Employee Benefit Obligations   |          | (500.77)           | (48.67)                   |
|         | Less: Income tax relating to items that will not be reclassified to Profit or Loss on above |          | 125.50             | 12.25                     |
|         | <b>B. Items that will be reclassified to profit or loss</b>                                 |          | -                  | -                         |
|         | Less: Income tax relating to items that will not be reclassified to Profit or Loss on above |          | -                  | -                         |
|         | <b>Total Other Comprehensive Income (XIV)</b>   |          | <b>(375.27)</b>    | <b>(36.42)</b>            |
| (XV)    | <b>Total Comprehensive Income for the year (XIII+XIV)</b>                                   |          | <b>2,223.38</b>    | <b>1,192.34</b>           |
|         | <b>Attributable to:</b>   |          |                    |                           |
|         | <b>Equity Shareholders to Parent</b>  |          | 2223.21            | 1192.50                   |
|         | <b>Non-Controlling Interest</b>   |          | 0.17               | (0.16)                    |
| (XVI)   | <b>Earnings per Equity Share (Face value of Rs.10/- each):</b>                              | 39.5.4   |                    |                           |
|         | (1) Basic (in Rs.)  |          | 14.99              | 7.09                      |
|         | (2) Diluted (in Rs.)  |          | 14.99              | 7.09                      |

\*The comparative information is restated on account of changes/modifications to Accounting Policies and correction of errors (Refer Note No.39.6 and 39.9)

**The accompanying Notes form an integral part of Financial Statements:**

**For and on behalf of the Board**

Sd/-  
**(K. Sunitha Devi)**  
Company Secretary  
ACS No. 51468

Sd/-  
**(Mullapudi Subba Rao)**  
General Manager (F&A)

Sd/-  
**(N. Balram)**  
Director (Finance) & CFO  
DIN: 08319629

Sd/-  
**(N. Sridhar)**  
Chairman & Managing Director  
DIN: 02510496

**As per our Report of even date**

For **Brahmayya & CO**  
Chartered Accountants,  
Firm Regn No.000513S

Sd/-  
**(CA.T.V. Ramana)**  
Partner  
Membership No. 200523

For **M. ANANDAM & CO**  
Chartered Accountants,  
Firm Regn No.000125S

Sd/-  
**(CA M.R. Vikram)**  
Partner  
Membership No.021012

Date : 14.07.2023

Place : Hyderabad



## STATEMENT OF CHANGES IN EQUITY (CONSOLIDATED) FOR THE YEAR ENDED 31<sup>st</sup> MARCH, 2023

### A. EQUITY SHARE CAPITAL

As at 31<sup>st</sup> March 2023:

(Rs.in Crore)

| Particulars   | Balance as at 01.04.2022 | Changes in Equity Share Capital due to prior period errors | Restated Balance as at 01.04.2022 | Changes in Equity Share Capital during the current year | Balance as at 31.03.2023 |
|---------------|--------------------------|--|-----------------------------------|---|--------------------------|
| Equity Shares | 1,733.20                 | -  | 1,733.20                          | -   | 1,733.20                 |

As at 31<sup>st</sup> March 2022:

(Rs.in Crore)

| Particulars   | Balance as at 01.04.2021 | Changes in Equity Share Capital due to prior period errors | Restated Balance as at 01.04.2021 | Changes in Equity Share Capital during the current year | Balance as at 31.03.2022 |
|---------------|--------------------------|--|-----------------------------------|---|--------------------------|
| Equity Shares | 1,733.20                 | -  | 1,733.20                          | -   | 1,733.20                 |

### B. OTHER EQUITY

(1) Current Year

(Rs.in Crore)

| Particulars                                       | Fly Ash Utilisation Reserve | General Reserve | Retained Earnings | Remeasurement of defined benefits plans (Net of Tax) - (OCI) | Total    | Non controlling interests |
|---|-----------------------------|-----------------|-------------------|--|----------|---------------------------|
| Balance as on 01.04.2022                          | 18.89                       | 1860.40         | 6683.97           | (439.61)   | 8123.65  | 8.29                      |
| Profit for the Year 2022-23                       | -                           | -               | 2598.48           | -  | 2598.48  |                           |
| Other Comprehensive Income (net of tax)           | -                           | -               | -                 | (375.26)   | (375.26) |                           |
| Dividends paid for 2021-22                        | -                           | -               | (129.99)          | -  | (129.99) |                           |
| Transfer (from)/to Retained Earnings              | -                           | 100.00          | (100.00)          | -  | -        |                           |
| Addition during the year                          | 29.24                       | -               | -                 | -  | 29.24    | 0.17                      |
| Fly Ash Reserve Utilization (Capital Expenditure) | -                           | -               | -                 | -  | -        |                           |
| Balance as on 31.03.2023                          | 48.13                       | 1960.40         | 9052.46           | (814.87)   | 10246.12 | 8.46                      |



## STATEMENT OF CHANGES IN EQUITY (CONSOLIDATED) FOR THE YEAR ENDED 31<sup>st</sup> MARCH, 2023 (Contd.)

**(2) Previous Year**

(Rs.in Crore)

| Particulars  | Fly Ash Utilisation Reserve | General Reserve | Retained Earnings | Remeasurement of defined benefits plans (Net of Tax) - (OCI) | Total           | Non controlling interests |
|--|-----------------------------|-----------------|-------------------|--|-----------------|---------------------------|
| <b>Balance as on 01.04.2021</b>                                      | <b>8.93</b>                 | <b>1,760.40</b> | <b>5,585.55</b>   | <b>(403.19)</b>  | <b>6,951.69</b> | <b>8.45</b>               |
| Adjustments for Prior Period Errors (net of Deferred Tax)            | -                           | -               | (73.41)           | -  | (73.41)         |                           |
| Adjustments for changes in Accounting Policies (net of Deferred Tax) | -                           | -               | 129.57            | -  | 129.57          |                           |
| <b>Restated Balance as on 01.04.2021</b>                             | <b>8.93</b>                 | <b>1,760.40</b> | <b>5,641.71</b>   | <b>(403.19)</b>  | <b>7,007.85</b> | <b>8.45</b>               |
| Profit for the Year 2021-22 (Restated)                               | -                           | -               | 1,228.92          | -  | 1,228.92        |                           |
| Other Comprehensive Income (net of tax) (Restated)                   | -                           | -               | -                 | (36.42)  | (36.42)         |                           |
| Dividends paid for 2020-21 (including dividend distribution tax)     | -                           | -               | (86.66)           | -  | (86.66)         |                           |
| Transfer to/(from) retained earnings                                 | -                           | 100.00          | (100.00)          | -  | -               |                           |
| Addition during the year   | 9.96                        | -               | -                 | -  | 9.96            | (0.16)                    |
| Fly Ash Reserve Utilization (Capital Expenditure)                    | -                           | -               | -                 | -  | -               |                           |
| <b>Restated Balance as on 31.03.2022</b>                             | <b>18.89</b>                | <b>1,860.40</b> | <b>6,683.97</b>   | <b>(439.61)</b>  | <b>8,123.65</b> | <b>8.29</b>               |

The accompanying Notes form an integral part of Financial Statements:

### For and on behalf of the Board

Sd/-  
**(K. Sunitha Devi)**  
Company Secretary  
ACS No. 51468

Sd/-  
**(Mullapudi Subba Rao)**  
General Manager (F&A)

Sd/-  
**(N. Balram)**  
Director (Finance) & CFO  
DIN: 08319629

Sd/-  
**(N. Sridhar)**  
Chairman & Managing Director  
DIN: 02510496

### As per our Report of even date

For **Brahmayya & CO**  
Chartered Accountants,  
Firm Regn No.000513S

Sd/-  
**(CA.T.V. Ramana)**  
Partner  
Membership No. 200523

For **M. ANANDAM & CO**  
Chartered Accountants,  
Firm Regn No.000125S

Sd/-  
**(CA M.R. Vikram)**  
Partner  
Membership No.021012

Date : 14.07.2023

Place : Hyderabad



## STATEMENT OF CASH FLOWS (CONSOLIDATED) FOR THE YEAR ENDED 31<sup>st</sup> MARCH, 2023

(Rs. in Crore)

| S. No    | Particulars  | For the year ended |                 |            |                 |
|----------|--|--------------------|-----------------|------------|-----------------|
|          |  | 31.03.2023         |                 | 31.03.2022 |                 |
| <b>A</b> | <b>CASH FLOW FROM OPERATING ACTIVITIES</b>   |                    |                 |            |                 |
|          | <b>Profit Before Tax and Exceptional items, OCI</b>  |                    | <b>3,433.13</b> |            | <b>1,768.59</b> |
|          | <b>Adjustments for:</b>  |                    |                 |            |                 |
|          | Depreciation, Amortization Expenses  | 2,276.54           |                 | 1,619.90   |                 |
|          | Provision for Impairment   | 69.16              |                 | 758.93     |                 |
|          | Assets / CWIP/Obsolete Stores Written off  | 68.12              |                 | 6.79       |                 |
|          | Write off of Bad & Doubtful Debts/Advances   | 5.12               |                 | 331.78     |                 |
|          | Provision for Bad debts & Adv, obsolete stores Etc   | 74.54              |                 | 48.26      |                 |
|          | Non - Current Provisions & Liabilities   | 1,256.32           |                 | 11.11      |                 |
|          | Finance Costs  | 1,600.73           |                 | 1,326.14   |                 |
|          | Fly Ash Sale Proceeds including interest transferred to Reserve  | 29.24              |                 | 9.96       |                 |
|          | Stripping Activity Adjustment  | 2,676.01           |                 | 775.54     |                 |
|          | Adjustments for Variable Consideration (Grade Variation Coal)  | 378.72             |                 | 48.52      |                 |
|          | Unrealised Foreign Exchange (Gain)/Loss  | (0.06)             |                 | (3.78)     |                 |
|          | Provisions / Liabilities Written Back  | (1563.25)          |                 | (546.83)   |                 |
|          | Interest Income on Investments   | (191.52)           |                 | (260.25)   |                 |
|          | Interest Income on Term Deposits   | (76.74)            |                 | (86.84)    |                 |
|          | Interest Income on LIC-ETB   | (449.23)           |                 | (305.53)   |                 |
|          | Income from Mutual Funds   | (9.61)             |                 | (0.36)     |                 |
|          | Fair Value Change - Mutual Funds   | (0.27)             |                 | 0.02       |                 |
|          | Profit on Sale of Property, Plant and Equipment  | (1.69)             |                 | (3.04)     |                 |
|          | Actuarial gains/(losses) routed through other comprehensive income                                     | (500.76)           |                 | (48.66)    |                 |
|          | Exceptional Items  | 144.61             | 5,785.98        | (36.78)    | 3,644.88        |
|          | <b>Operating Profit Before Working Capital Changes</b>   |                    | <b>9,219.11</b> |            | <b>5,413.47</b> |
|          | <b>Adjustments towards changes in Working Capital</b>  |                    |                 |            |                 |
|          | (Increase)/ Decrease in Inventories  | (663.54)           |                 | (1.70)     |                 |
|          | (Increase)/ Decrease in Trade Receivables  | (1,020.45)         |                 | (5,677.79) |                 |
|          | Increase/ (Decrease) in Trade Payables   | 227.42             |                 | 187.65     |                 |
|          | (Increase)/ Decrease in Loans, Other Financial Assets and Other Assets (Current/Non - Current)         | (1,741.38)         |                 | (517.04)   |                 |
|          | Increase/(Decrease) in Financial liabilities, Other Liabilities and Provisions (Current/Non - Current) | (1255.73)          |                 | 4,045.60   |                 |
|          | Tax paid Including TDS/TCS   | (399.98)           | (4,853.66)      | (307.40)   | (2,270.68)      |
|          | <b>Net Cash flow from Operating Activities (A)</b>   |                    | <b>4,365.45</b> |            | <b>3,142.79</b> |



## STATEMENT OF CASH FLOWS (CONSOLIDATED) FOR THE YEAR ENDED 31<sup>st</sup> MARCH, 2023 (Contd.)

(Rs. in Crore)

| Sl. No    | Particulars   | For the year ended |                   |
|-----------|---|--------------------|-------------------|
|           |   | 31.03.2023         | 31.03.2022        |
| <b>B</b>  | <b>CASH FLOW FROM INVESTING ACTIVITIES</b>  |                    |                   |
|           | Increase in Property, Plant & Equipment (including Capital Work-in-progress and Intangible Assets, Intangible Assets under Development) | (1,201.14)         | (1,611.98)        |
|           | (Increase)/ Redemption of Investments   | 800.00             | -                 |
|           | (Investment) / maturity of Fixed Deposits > 3 months & 12 Months maturity period  | (1,217.27)         | 665.82            |
|           | Investment in LIC/ETB   | (734.23)           | (1,623.53)        |
|           | Interest Income on LIC-ETB  | 449.23             | 305.53            |
|           | Interest Income on Investments  | 191.52             | 260.25            |
|           | Interest Income on Term Deposits  | 76.72              | 86.80             |
|           | Income from Mutual Funds  | 9.88               | 0.34              |
|           | (Investments)/Sale (in)/ of Mutual Funds  | (500.25)           | 0.96              |
|           | <b>Cash Flow from Investing Activities (B)</b>  | <b>(2,125.53)</b>  | <b>(1,915.81)</b> |
| <b>C.</b> | <b>CASH FLOW FROM FINANCING ACTIVITIES</b>  |                    |                   |
|           | Increase/ (Decrease) in Borrowings  | (881.99)           | (294.51)          |
|           | Increase/(Decrease) in Demand Loans from Banks  | -                  | (225.05)          |
|           | Changes in Cash Credit  | (7.10)             | (12.48)           |
|           | Increase/(Decrease) in Unsecured Loans  | -                  | (1,050.00)        |
|           | Increase/(Decrease) in Working Capital Loans  | (425.51)           | 375.74            |
|           | Interest Expense (other than unwinding costs)   | (328.85)           | (326.21)          |
|           | Dividend paid   | (129.99)           | (86.66)           |
|           | Lease Payments (Right of Use Assets)  | (17.74)            | (16.19)           |
|           | Interest Cost - Leases  | (1.50)             | (1.40)            |
|           | <b>Cash Flow from Financing activities (C)</b>  | <b>(1,792.68)</b>  | <b>(1,636.76)</b> |
| <b>D</b>  | <b>Net increase in Cash and Cash Equivalents(A+B+C)</b>   | <b>447.24</b>      | <b>(409.78)</b>   |
| <b>E</b>  | <b>Cash &amp; Cash Equivalents at the beginning of the year</b>   | <b>472.68</b>      | <b>882.46</b>     |
| <b>F</b>  | <b>Cash &amp; Cash Equivalents at the end of the year (D+E)</b>   | <b>919.92</b>      | <b>472.68</b>     |

### Cash and Cash Equivalents for the purpose of the Statement of Cash-Flows

(Rs. in Crore)

| Particulars  | 2022-23       | 2021-22       |
|--|---------------|---------------|
| <b>Cash &amp; Bank Balances at the beginning of the year</b> | <b>473.14</b> | <b>887.00</b> |
| Overdraft in current account                                 | (0.46)        | (4.54)        |
| <b>Cash &amp; Bank Balances at the beginning of the year</b> | <b>472.68</b> | <b>882.46</b> |
| <b>Cash &amp; Bank Balances at the end of the year</b>       | <b>929.84</b> | <b>473.14</b> |
| Overdraft in current account                                 | (9.92)        | (0.46)        |
| <b>Cash &amp; Bank Balances at the end of the year</b>       | <b>919.92</b> | <b>472.68</b> |



**STATEMENT OF CASH FLOWS (CONSOLIDATED) FOR THE YEAR ENDED  
31<sup>st</sup> MARCH, 2023 (Contd.)**

**Notes:**

- 1 Cash and cash equivalents consist of Cash and balances with banks and deposits with original maturity of upto three months.
- 2 Reconciliation between the opening and closing balances in the balance sheet for liabilities arising from financing activities:

**For the year ended 31<sup>st</sup> March 2023**

(Rs. in Crore)

| Particulars                                       | Non-current borrowings | Current borrowings | Lease Liabilities (ROU) |
|---|------------------------|--------------------|-------------------------|
| Opening balance as at 1 <sup>st</sup> April, 2022 | 2,776.29               | 1,363.26           | 16.74                   |
| Cash flows during the year                        | (406.38)               | (908.23)           |                         |
| Non-cash changes due to:                          |                        |                    |                         |
| - Acquisitions under Lease Liabilities            | -                      | -                  | (0.88)                  |
| Closing balance as at 31 <sup>st</sup> March 2023 | 2,369.91               | 455.03             | 15.86                   |

**For the year ended 31<sup>st</sup> March 2022**

(Rs. in Crore)

| Particulars                                       | Non-current borrowings | Current borrowings | Lease Liabilities (ROU) |
|---|------------------------|--------------------|-------------------------|
| Opening balance as at 1 <sup>st</sup> April, 2021 | 3,621.26               | 1,724.59           | 16.41                   |
| Cash flows during the year                        | (844.97)               | (361.33)           |                         |
| Non-cash changes due to:                          |                        |                    |                         |
| - Acquisitions under Lease Liabilities            | -                      | -                  | 0.33                    |
| Closing balance as at 31 <sup>st</sup> March 2022 | 2,776.29               | 1,363.26           | 16.74                   |

\*The comparative information is restated on account of changes/modifications to Accounting Policies and correction of errors (Refer Note No.39.6 and 39.9)

**The accompanying Notes form an integral part of Financial Statements:****For and on behalf of the Board**

|  |   |   |  |
|--|---|---|--|
| Sd/-<br><b>(K. Sunitha Devi)</b><br>Company Secretary<br>ACS No. 51468 | Sd/-<br><b>(Mullapudi Subba Rao)</b><br>General Manager (F&A) | Sd/-<br><b>(N. Balram)</b><br>Director (Finance) & CFO<br>DIN: 08319629 | Sd/-<br><b>(N. Sridhar)</b><br>Chairman & Managing Director<br>DIN: 02510496 |
|--|---|---|--|

**As per our Report of even date**

For **Brahmayya & CO**  
Chartered Accountants,  
Firm Regn No.000513S

Sd/-  
**(CA.T.V. Ramana)**  
Partner  
Membership No. 200523

For **M. ANANDAM & CO**  
Chartered Accountants,  
Firm Regn No.000125S

Sd/-  
**(CA M.R. Vikram)**  
Partner  
Membership No.021012

Date : 14.07.2023

Place : Hyderabad





## Notes to the Consolidated Financial Statements for the year ended 31<sup>st</sup> March, 2023

### NOTE 1. CORPORATE OVERVIEW

The Singareni Collieries Company Limited ('SCCL' or 'the Company') is a Government coal mining company jointly owned by the Government of Telangana and Government of India on a 51:49 equity basis.

The Company is mainly engaged in mining of coal. As a part of diversification, the company has entered in to power generation and presently operating 2 X 600 MW Singareni Thermal Power Plant (STPP). The major coal consumers of the company are from power and cement sectors. Power Purchase Agreement is entered with TS DISCOMs to sell the power generated from the Power Plant.

The Company's coal reserves stretch across 350 Km of the Pranahita – Godavari Valley of Telangana with a proven geological reserves aggregating to approx. 8800 million tonnes. SCCL is currently operating 21 opencast and 24 underground mines in 6 districts of Telangana. Further, the company was allotted Naini coal block at Angul District, Odisha State with approx.341 million tonnes of extractable reserves. The operations at this Coal block would commence shortly.

#### **SCCL is at present has not listed its stocks anywhere.**

The consolidated financial statements relate to The Singareni Collieries Company Limited and its Subsidiary company namely, Andhra Pradesh Heavy Machinery & Engineering Limited (APHMEL).

The subsidiary Company is engaged the business of Designing, Manufacturing/ fabricating Heavy Machinery / Equipment used in Mining Industry viz, Man riding car, Man riding Chair Lift System, Road Headers , Belt Conveyer Drive Heads etc. And also undertakes services like Erecting and Commissioning, Repair and Overhauling, Machining and supply of Spare Parts. The head office of the subsidiary is located at Kondapally, Andhra Pradesh.

### NOTE 2. SIGNIFICANT ACCOUNTING POLICIES:

#### 2.1 Basis of preparation of financial statements

##### A) Statement of Compliance

The Consolidated financial statements of the Company are prepared using accrual basis of accounting in accordance with Indian Accounting Standards (Ind AS) notified under the Companies (Indian Accounting Standards) Rules 2015, as amended and the relevant provisions of The Companies Act, 2013 and The Electricity Act, 2003.

##### B) Basis of Measurement:

The Consolidated financial statements are prepared on historical cost basis of measurement, except for

- Financial Assets and Liabilities measured at fair value (Accounting Policy on financial instruments in para No.2.2.16);
- Defined benefit plans- plan assets measured at fair value;
- Inventories at Cost or NRV whichever is lower (Accounting Policy in para No. 2.2.5).
- Other claims and revenues (Accounting policy No.2.2.1.E)
- Certain Provisions are measured at fair value ( Accounting Policy No.2.2.7)

##### C) Functional or presentation currency:

The Consolidated financial statements are presented in Indian rupees, which is the functional currency of the Company. All financial information presented in Indian rupees has been rounded to the nearest Crore up to two decimal points.



*Notes to the consolidated financial statements for the year ended 31<sup>st</sup> March, 2023 (Contd...)*

#### **D) Use of Estimates and Judgement**

The preparation of financial statements in conformity with Ind AS requires management to make judgments, estimates and assumptions that affect the application of accounting policies and the reported amounts of assets, liabilities, income and expenses. Actual results may differ from these estimates. Estimates and underlying assumptions are reviewed on a periodic basis. Revisions to accounting estimates are recognized in the period in which the estimates are revised and in any future periods affected.

#### **E) Formulation of Accounting Policies:**

Accounting policies are formulated in a manner that result in financial statements containing relevant and reliable information about the transactions, other events and conditions to which they apply. Those policies need not be applied when the effect of applying them is immaterial.

In the absence of an Ind AS that specifically applies to a transaction, other event or condition, management has used its judgement in developing and applying an accounting policy that results in information that is:

- a) relevant to the economic decision-making needs of users; and
- b) reliable in that financial statements:
  - i) represent faithfully the financial position, financial performance and cash flows of the entity;
  - ii) reflect the economic substance of transactions, other events and conditions, and not merely the legal form;
  - iii) are neutral, i.e. free from bias;
  - iv) are prudent; and
  - v) are complete in all material respects on a consistent basis

In making the judgement management refers to, and considers the applicability of, the following sources in descending order:

- a) the requirements in Ind ASs dealing with similar and related issues; and
- b) the definitions, recognition criteria and measurement concepts for assets, liabilities, income and expenses in the Framework.

In making the judgement, management considers the most recent pronouncements of International Accounting Standards Board and in absence thereof those of the other standard-setting bodies that use a similar conceptual framework to develop accounting standards, other accounting literature and accepted industry practices, to the extent that these do not conflict with the sources in above paragraph.

The company operates in the mining sector (a sector where the exploration, evaluation, development production phases are based on the varied topographical and geo-mining terrain spread over the lease period running over decades and prone to constant changes), the accounting policies whereof have evolved based on specific industry practices supported by research committees and approved by the various regulators owing to its consistent application over the last several decades. In the absence of specific accounting literature, guidance and standards in certain specific areas which are in the process of evolution. The Company continues to strive to develop accounting policies in line with the development of accounting literature and any development therein shall be accounted for prospectively as per the procedure laid down above more particularly in Ind AS 8.

#### **F) Materiality**

Management uses judgement of materiality for determining the compliance requirement of the Ind AS. Management also uses judgment in deciding whether individual items or groups of item are material in the financial statements. Materiality is judged by reference to the size and nature of the item. The deciding factor is whether omitting, misstating or obscuring it could reasonably be expected to influence decisions that the primary users of general purpose financial statements make on the basis of those financial statements, which provide financial information about the company.

A Transaction is considered material only if it exceeds Rs.50.00 lakh in each case for the purpose of adjustments for Pre-paid and Prior period items.



## **2.2 Summary of Accounting Policies:**

### **2.2.1 Revenue recognition**

Revenue from Operations is recognised duly adopting the five-step model specified in Ind AS 115 to account for revenue arising from contracts with customers and requires that revenue be recognized at an amount that reflects the consideration to which the Company expects to be entitled in exchange for transferring goods or services to a customer.

The Company exercises judgement, taking into consideration all of the relevant facts and circumstances when applying each step of the model to contracts with their customers. Further, the Company has adopted Ind AS 115 using the modified retrospective transition method of adoption.

#### **A. Sale of Goods – Coal, Manufactured items:**

Sales are recognised when control of the products has been transferred to the customer, being when the products are delivered to the customer and there is no unfulfilled obligation that could affect the customer's acceptance of the products.

Emphasis is also given towards ascertaining the probability of recovery for recognition of the revenue at the inception of the contract. Revenue from these sales is recognised based on the notified prices, net of the estimated discounts, rebates, returns and Goods and Service tax.

Revenue is measured at the standalone fair value of the consideration received or receivable (net of accepted deductions allowed to customers on account of quality of coal) taking into account contractually defined terms of payment.

The company's obligation to provide a refund for defects in the products is recognised as a provision. A receivable is recognised when the goods are delivered as this is the point in time that the consideration is unconditional because only the passage of time is required before the payment is due.

#### **B. Sale of Electricity**

Revenue from Sale of Electricity is recognised in accordance with the terms of Power Purchase Agreement (PPA) and the principles laid down under the relevant Tariff Regulations / Tariff Orders notified by the Hon. Telangana State Electricity Regulatory Commission (TSERC). Revenue from sale of Electricity is recognized over time.

#### **C. Sale of Solar Banked Units:**

Revenue from Sale of Solar Banked Units is recognized for the Banked Units taken over by TSTRANSCO as reduced by applicable Banking Charges, at the Rate / Unit notified by Hon'ble TSERC for the relevant year.

#### **D. Rendering of services:**

When the outcome of a transaction involving the rendering of services can be estimated reliably, revenue associated with the transaction is recognised with reference to the stage of completion of the transaction at the end of the reporting period.

#### **E. Recognition of Interest income:**

Interest income is recognized using the effective interest rate method.

#### **F. System of accounting of certain specific claims/revenues:**

- a. Penalty for short lifting of coal, on termination of contracts, for delay in supply of material/execution of contracts and Interest on belated payment of coal dues on realisation. For this purpose, the invocation of Bank Guarantee is considered as realization.



*Notes to the consolidated financial statements for the year ended 31<sup>st</sup> March, 2023 (Contd...)*

- b. The interest/ Late Payment Surcharge on late payment/ overdue sundry debtors for sale of power is recognised when no significant uncertainty as to measurability or collectability exists.
- c. Escalation in prices and duties for explosives, equipment and spares supplied on payment.
- d. Credit towards Powder factor is accounted as and when recovered from the suppliers of Explosives.
- e. Additional claims from contractors on Capital Works when claims are settled, other than subsidiary.
- f. Scrap sales are accounted for as and when lifted; and
- g. Insurance Claims on receipt.
- h. Bonus accrued in respect of OBR contracts on receipt of claims from the contractors as per order terms for encashment.
- i. **Fly Ash Utilization Reserve Fund :**  
Proceeds from sale of Fly ash along-with income on investment of such proceeds are transferred to 'Fly Ash Utilization Reserve Fund' in pursuance of directives from Ministry of Environment and Forests, Government of India. The fund is utilized towards expenditure on development of infrastructure / facilities, promotion & facilitation activities for use of fly ash.

### 2.2.2 Grants from Government

Government Grants are not recognised until there is reasonable assurance that the company will comply with the conditions attached to them and that there is reasonable certainty that grants will be received.

Government Grants related to Assets are presented in the Balance Sheet as a deduction from the carrying amount of the respective asset.

Grants related to Income (i.e. grant related to other than assets) are presented as part of Statement of Profit or Loss.

Government Grants in the form of transfer of Government (assigned) Lands for use are presented at Nominal Value.

### 2.2.3 Property, Plant and Equipment:

#### A. Recognition and measurement:

Property, plant and equipment are measured at cost less accumulated depreciation and impairment losses, if any. Cost includes expenditures directly attributable to the acquisition of the asset and the initial estimate of the costs of dismantling and removing the item and restoring the site on which it is located. The Company has elected to apply the optional exemption to use this previous GAAP value as deemed cost as at 1 April 2015, the date of transition.

The recognition of the Property, plant and equipment is subject to the following principles:

#### 1. Land:

- a. Lands are capitalized from the date of taking possession / Award whichever is earlier. Payments made for Renewal of Leasehold lands are capitalized from the date of payment.
- b. Freehold Lands (Patta lands, lands acquired under Land Acquisition Act, 1894, Right to Fair Compensation and Transparency in Land Acquisition Rehabilitation and Resettlement Act, 2013 and Govt. Assigned lands) include cost of acquisition, Compensation, rehabilitation expenses, resettlement cost and interest upto the date of taking possession.
- c. Leasehold Lands (Forest lands) include cost of compensatory land, NPV, afforestation and deforestation expenditure with regard to acquisition of forest land.

**2. Railway sidings:**

Complete track renewals and sleeper renewals on Railway Sidings are capitalised on completion of the work.

**3. Plant & Equipment:**

- a. Following items are classified as Capital;
  - i) PVC Armoured Cables of all sizes; and
  - ii) G.I. Pipes of 2" Dia and above.
- b. Expenditure on Rehabilitation of HEMM and other Major Plant and Machinery is treated as Capital expenditure if such expenditure increases the future benefit from the Asset beyond its previously assessed standard of performance.
- c. Equipment received for Projects under construction/ Mines under development but not installed and commissioned by the end of the year is shown as Capital Works-in-Progress.

**B. Depreciation:**

- i) Depreciation on other Property, Plant and Equipment is provided on written down value method on the assets capitalised before 01.04.1985.
- ii) Depreciation on property, plant and equipment, except freehold land, is provided as per cost model on straight line basis over the estimated useful lives of the asset as follows as per the Schedule II of the Companies Act, 2013.
- iii) In case of Thermal Power Plant related Assets, the rates of depreciation as stipulated by CERC are adopted. However, certain Assets whose life is expected to be less than the CERC specified lives, the lower lives are adopted for depreciation of such Assets.
- iv) Machinery Spares which can be used only as a significant part of an item of Property, Plant & Equipment and whose use is expected to be irregular are capitalised and depreciated over the useful life of the spares.
- v) The estimated useful lives of the Assets are reviewed at the end of each financial year.
- vi) In some cases based on technical evaluation, the management believes that the useful lives given below best represents the period over which the management expects to use the asset. Hence the useful lives of the below mentioned assets are lower than the useful lives prescribed under Part C of schedule II of companies act, 2013:

|   |           |
|---|-----------|
| ➤ LHDs  | 7 Years   |
| ➤ Jumbo Drills at CDF Panel                           | 7.5 Years |
| ➤ SDLs  | 4 Years   |
| ➤ Self Contained Self Rescuers                        | 10 Years  |
| ➤ 35T Dumpers   | 6 Years   |
| ➤ Hydraulic Shovels upto 5 CU.M                       | 7 Years   |
| ➤ Blast Hole Drills <160mm                            | 7 Years   |
| ➤ Coal Tubs   | 1 Year    |
| ➤ Winding Ropes                                       | 1 Year    |
| ➤ Safety Lamps  | 1 Year    |
| ➤ Stowing Pipes                                       | 1 Year    |
| ➤ Assets whose actual cost does not exceed Rs.5,000/- | 1 Year    |



*Notes to the consolidated financial statements for the year ended 31<sup>st</sup> March, 2023 (Contd...)*

- vii) Value of leasehold lands is amortised over a period of 10 years or over the lease period whichever is lower:
    - from the date possession in case of fresh leases
    - from the date of payment in case of renewal of leases.
  - viii) Freehold Lands used for UG/OC mining Operations are amortized over the Life of the respective Mine/ Project.
  - ix) Buildings (Factory), Buildings (Others) and Roads used at Mines are depreciated over the useful life of the respective Mine or the useful lives of the Assets as per Schedule II of the Companies Act, 2013, whichever is lower.
- C)** When parts of an item of property, plant and equipment, with a cost that is significant in relation to the total cost of the item, have different useful lives, they are accounted for as separate items (major components) of property, plant and equipment. Subsequent expenditure relating to property, plant and equipment is capitalized only when it is probable that future economic benefits associated with these will flow to the Company and the cost of the item can be measured reliably. For this purpose spares having a value of Rs.25.00 lakh/unit and above are considered as Major Spares (i.e. Significant Components) and the same are depreciated over the estimated useful life of the respective spare.
- D)** The cost and related accumulated depreciation are eliminated from the financial statements upon sale or disposition of the asset and the resultant gains or losses are recognized in the statement of profit and loss

#### **2.2.4 Intangible assets**

Intangible assets are stated at cost less accumulated amortization and impairment. Intangible assets are amortized over their respective estimated useful lives on a straight line basis, from the date that they are available for use. The estimated useful life of an identifiable intangible asset is based on a number of factors including the effects of obsolescence, demand, competition and other economic factors (such as the stability of the industry and known technological advances) and the level of maintenance expenditures required to obtain the expected future cash flows from the asset.

Cost of ERP software recognized as intangible asset is amortised over a period of 5 years.

Expenditure incurred on any facility, the ownership of which is not vested with the company, but the incurrence of which is essential in bringing an asset/ projects of the Company to the location and condition necessary to be capable of operating in the manner intended by the Management, shall be capitalized and amortized over the period corresponding to the period of deriving economic benefits from such Enabling Assets.

#### **2.2.5 Inventory:**

##### **A. Stock of Coal:**

- i) Wherever variation (+/-) between the volumetrically measured coal stocks (including washery products) and the book stocks is more than 5%, the volumetrically measured stock balances are adopted.  
The quantities of closing stock of Coal thus arrived at are valued after effecting a reduction of 5% to provide for anticipated storage losses.
- ii) Closing stock of coal including stock at washeries, coal-in-wagons, washed coal, is valued at lower of cost and net realisable value.  
Closing stock of washery by products viz., rejects, slurry and fines are valued at net realisable value (shale and stone at nil value)

*Notes to the consolidated financial statements for the year ended 31<sup>st</sup> March, 2023 (Contd...)*

Coal stock at STPP is valued at lower of the Cost (being the cost of production of the respective issuing Mines/CHP as arrived at as per para (iii) below plus transportation costs and taxes) or the Net Realisable Value (being the Energy charges realisable from Customer).

- iii) The cost of production of respective Under Ground (UG) and Open Cast (OC) mines is considered as cost of coal for the stocks of respective UG and OC mines. The cost of stock at CHP and other stocking points is arrived by considering the ratio of admittance of coal from UG and OC mines during the year. The Cost of Production as per the Cost Accounting records is considered as Cost of Production for valuation of closing Stock of Coal as per Ind AS 2 - Inventories.
- iv) Cost of washed coal is calculated at average cost of production of coal as at (iii) above plus washery charges adjusted to standard yield, and by deducting NRV of by products from the cost thus arrived.
- v) The net realisable value of grade-wise coal (including washed coal, rejects, slurry and fines) is arrived at on the basis of selling price to power utilities and mark up/ cost plus price wherever applicable less re-handling charges.

**B. Stores & Spares**

- i) Stores & Spares (including loose tools) and Medicines (including surgical and other hospital items) are valued at Weighted Average cost.
- ii) Suitable Provision for slow, non-moving and obsolescence is provided on review of stores and spares on annual basis considering the general time frame of 3 years and 5 years for classifying the Stores and Spares held for use in Mining Operations and Thermal Power Plant Operations, respectively.

**C. Other Inventories**

Stock of provisions, stationery and sand are not valued and are charged directly to consumption on receipt.

**2.2.6 Borrowing costs**

Borrowings costs directly attributable to acquisition or construction of an asset that necessarily takes a substantial period of time to get ready for its intended use are capitalised as part of the cost of the asset. All other borrowing costs are expensed in the period in which it occurs.

**2.2.7 Mine Closure, Site Restoration and Decommissioning Obligations:****A. Mine closure Plan:**

- i) The company's obligation for land reclamation and decommissioning of structures consists of spending at both surface and underground mines in accordance with the guidelines from Ministry of Coal, Government of India.
- ii) The company estimates its obligation for Mine Closure, Site Restoration and Decommissioning based upon detailed calculation and technical assessment of the amount and timing of the future cash spending to perform the required work. Mine Closure expenditure is provided as per approved Mine Closure Plan.
- iii) The estimates of expenses are escalated for inflation, and then discounted at a discount rate that reflects the current market assessment of the time value of money and the risks, such that the amount of provision reflects the present value of the expenditures expected to be required to settle the obligation. The company records a corresponding asset associated with the liability for final reclamation and mine closure. The obligation and corresponding assets are recognised in the period in which the liability is incurred. The asset representing the total site restoration cost as per mine closure plan is recognised as a separate item in PPE and amortised over the balance project/mine life.



*Notes to the consolidated financial statements for the year ended 31<sup>st</sup> March, 2023 (Contd...)*

- iv) The value of the provision is progressively increased over time as the effect of discounting unwinds; creating an expense recognised as financial expenses.
- v) Further, a specific escrow fund account is maintained for this purpose as per the approved mine closure plan.
- vi) The progressive mine closure expenses incurred on year to year basis forming part of the total mine closure obligation is initially recognised as receivable from escrow account and thereafter adjusted with the obligation in the year in which the amount is withdrawn after the concurrence of the certifying Agency.
- vii) Specific realistic estimation of final mine closure obligation in respect of Mines having balance lives of 5 years or less is made every year by Technical department.

**B. Backfilling of Overburden/Water Body Maintenance:**

- i) In order to comply with the Ministry of Environment & Forest's stipulation regarding reducing the depth of the final void of certain opencast mines to 30/35/45 meters from surface, re-handling/dumping over burden (OB) is to be carried out to reduce the final void as per the MOEF stipulation. The reduction of the final void can be done either (i) by re-handling the Overburden of the external/ internal dumps or (ii) by dumping the OB produced from the adjacent/relay projects.
- ii) Re-handling of Overburden of the external/internal dumps incurs additional cost which is provided for .The cost of dumping from the adjacent / relay project is considered as the cost of Overburden removal of the adjacent/relay project.
- iii) The estimation of quantity of Overburden (OB) required to backfill the final void is made by in-house technical estimation by professionals in Mining, Project Planning Environment fields. Total cost of Backfilling required is estimated, based on the total quantity to be backfilled in cubic metres at the end of mine life, at the SCCL weighted average rate of OB Removal (excluding the cost of blasting) outsourced operations.
- iv) Specific realistic estimation of backfilling obligation in respect of OC Mines having balance life of 3 years or less is made every year by the Technical department.
- v) In respect of OC Mines for which the Company proposed to maintain the Final voids as Water bodies, approval is accorded by MoEF with a condition to provide adequate engineering interventions for sustenance of aquatic life in case the depth of the final void exceeds 40m.
- vi) The Engineering interventions and other required activities incur additional expenditure which is provided for.
- vii) Estimation of cost per Hectare of Final void based on the final void area (Ha), necessary engineering interventions and other required activities is made by in-house technical professionals in Mining, Project Planning and Environment fields.
- viii) The estimation of Liability and corresponding recognition of Asset, discounting of liability and depreciation of asset and unwinding of liability etc, shall be as per the procedure mentioned at accounting policy no 2.2.7.A.(iii) and (iv).

**2.2.8 Exploration and Evaluation assets**

Exploration expenditure relates to the initial search for deposits with economic potential. Expenditure on exploration activity is treated as revenue expenditure.

Evaluation expenditure relates to a detailed assessment of deposits or other projects that have been identified as having economic potential. Capitalisation of evaluation expenditure commences when there is a high degree of confidence that the Company will determine that a project is commercially viable, that is the project will provide a satisfactory return relative to its perceived risks, and therefore it is considered probable that future economic benefits will flow to the Company.





Notes to the consolidated financial statements for the year ended 31<sup>st</sup> March, 2023 (Contd...)

### 2.2.9 Development Expenditure

- A) When proved reserves are determined and development of mines/project is sanctioned, cost is recognised as assets under construction and disclosed as a component of capital work in progress under the head "Development". All subsequent development expenditure is also capitalised. Drilling done for projects under construction which is capitalised with the project cost under development at average normal cost per metre.
- B) The Projects/Mines under development are brought to Revenue, earlier of
- i) Either from the month following;
    - a) The achievement of 25% of the rated production, or
    - b) Completion of two years after touching the coal
- OR
- ii) from the beginning of the year, wherein the value of production at the monthly selling price of the Mine is more than the total related expenses of such developed project/ mine.
- C) Expenditure incurred on Projects under Construction/Mines under Development is capitalised till such Projects/Mines are brought to revenue. In case of Long wall / Blasting Gallery (BG) technology Projects, the expenditure is capitalised up to the date of commissioning of the equipment.
- D) Overheads specifically incurred for the projects under construction were capitalised.
- E) Sale value of coal produced by Projects/Mines under construction is credited to Development Account at the Monthly Selling Price for the Mine.
- F) Residual Development Expenditure on Mines taken-up for reconstruction is treated as Development Expenditure of New Reconstruction Projects.
- G) On being brought to revenue, the assets under capital work in progress are reclassified as a component of property, plant and equipment under the nomenclature "Other Mining Infrastructure". Other Mining Infrastructure are amortised over the Projects Life as estimated in the FR/latest life, not exceeding 10 years.

### 2.2.10 Over Burden Removal (OBR) - Stripping Cost

- i) Expenditure on Overburden Removal (Stripping Cost) is charged at Stripping Ratio of the Open Cast projects irrespective of the Ratio of Actual Removal during the year. Expenditure on OB Removal is booked in the natural heads. The variance between actual OB Removal expenditure and OB Removal charge as per Stripping Ratio is shown as OB Removal adjustment account. Interest, Depreciation and Overheads on OB Removal are treated as period cost and not considered for arriving at OB Removal charge.
- ii) The company reviews the Stripping Ratios of all the operating Open Cast Projects with revenue workings once in three years. In case significant deviation occurs in mining & geological structure, reorganisation and closure of mines, such review is taken up on occurrence.
- iii) Provision for future Overburden Removal is restated at current year cost and difference is taken to profit and loss account. Advance Action for Overburden removal is valued at weighted average cost.

### 2.2.11 Investment in Subsidiaries and Joint Ventures:

Investments in subsidiaries and joint ventures are measured at cost.

### 2.2.12 Foreign Currency Transactions:

- i) Monetary items related to Foreign currency transactions remaining unsettled at the end of the year are reported at the exchange rate at the Balance Sheet date.
- ii) Profit or Loss on account of exchange differences either on settlement or on restatement is recognised in the Profit and Loss Account.
- iii) Foreign currency gains and losses are reported on a net basis.



Notes to the consolidated financial statements for the year ended 31<sup>st</sup> March, 2023 (Contd...)

### 2.2.13 Income tax

Income tax comprises current and deferred tax. Income tax expense is recognized in the statement of profit and loss except to the extent it relates to items directly recognized in equity or in other comprehensive income.

#### A. Current income tax

Current income tax for the current and prior periods are measured at the amount expected to be recovered from or paid to the taxation authorities based on the taxable income for the period. The tax rates and tax laws used to compute the current tax amount are those that are enacted or substantively enacted by the reporting date and applicable for the period.

The Company offsets current tax assets and current tax liabilities, where it has a legally enforceable right to set off the recognized amounts and where it intends either to settle on a net basis or to realize the asset and liability simultaneously.

#### B. Deferred income tax

Deferred income tax is recognized using the balance sheet approach. Deferred income tax assets and liabilities are recognized for deductible and taxable temporary differences arising between the tax base of assets and liabilities and their carrying amount in financial statements.

Deferred income tax asset are recognized to the extent that it is probable that taxable profit will be available against which the deductible temporary differences, and the carry forward of unused tax credits and unused tax losses can be utilized.

Deferred income tax liabilities are recognized for all taxable temporary differences. The carrying amount of deferred income tax assets is reviewed at each reporting date and reduced to the extent that it is no longer probable that sufficient taxable profit will be available to allow all or part of the deferred income tax asset to be utilized.

Deferred income tax assets and liabilities are measured at the tax rates that are expected to apply in the period when the asset is realized or the liability is settled, based on tax rates (and tax laws) that have been enacted or substantively enacted at the reporting date.

### 2.2.14 Employee Benefits

#### A. Short-term Benefits

All short term employee benefits are recognized in the period in which they are incurred.

#### B. Post-employment benefits and other long term employee benefits:

##### I. Defined contribution plans:

Employer's contribution under Coal Mines Provident Fund Act and Executives Superannuation, Pension Benefits are defined Contribution Plans and the expenditure/ provision on the above is charged to statement of Profit & Loss.

##### II. Defined benefits plans:

a) **Gratuity:** Gratuity is a defined benefit scheme. The cost of providing benefits is determined using the projected unit credit method, with actuarial valuations being carried out at each balance sheet date. The retirement benefit obligations recognised in the Balance Sheet represents the present value of the defined benefit obligations as reduced by the fair value of scheme assets.

b) **Leave encashment (Vesting)** and Post Superannuation Medical Benefit to Executives and Non Executives are provided based on actuarial valuation carried out at each balance sheet date.



Notes to the consolidated financial statements for the year ended 31<sup>st</sup> March, 2023 (Contd...)

- c) Re-measurement of the net defined benefit liability, which comprise actuarial gain and losses considering the return on plan assets (excluding interest) and the effects of the assets ceiling (if any, excluding interest) are recognised immediately in the other comprehensive income in case of post-employment defined benefit plans. Net interest expense and other expenses related to defined benefit plans are recognised in profit and loss.
- d) When the benefits of the plan are improved, the portion of the increased benefit relating to past service by employees is recognised as expense immediately in the statement of profit and loss.
- e) **Other employee benefits:** Certain employee benefits viz. Settling Allowance, LTC / LLTC , non-vesting Leave entitlements(after considering Non-Availment Factor) and Monthly Monetary Compensation to dependants of deceased in mine accidents/ medical unfit/ Low Productive Employees are also recognised on the same basis as described above for defined benefit plans.
- f) Voluntary retirement compensation is expensed in the year of incurrence.

### 2.2.15 Provisions and Contingent Liabilities:

Provisions are recognized when the company has a present obligation (legal or constructive) as a result of a past event, and it is probable that an outflow of economic benefits will be required to settle the obligation and a reliable estimate of the amount of the obligation can be made.

Where the time value of money is material, provisions are stated at the present value of the expenditure expected to settle the obligation. All provisions are reviewed at each balance sheet date and adjusted to reflect the current best estimate. The discount rate is a pre-tax rate that reflects current market assessments of the time value of money and risk specific to the liability.

Where it is not probable that an outflow of economic benefits will be required, or the amount cannot be estimated reliably, the obligation is disclosed as a contingent liability, unless the probability of outflow of economic benefits is remote. Possible obligations, whose existence will only be confirmed by the occurrence or non-occurrence of one or more future uncertain events not wholly within the control of the company, are also disclosed as contingent liabilities unless the probability of outflow of economic benefits is remote.

### 2.2.16 Financial Instruments:

#### A) Classification:

The classification of financial instruments depends on the objective of the business model for which it is held. Management determines the classification of its financial instruments at initial recognition.

#### B) Initial Measurement:

All financial instruments are recognized initially at fair value. Transaction costs that are attributable to the acquisition of the financial asset/liability (other than financial assets recorded at fair value through profit or loss) are included in the fair value of the financial assets/liabilities. While, loans and borrowings and payable are recognized net of directly attributable transactions costs.

#### C) Subsequent Measurement:

For the purpose of subsequent measurement, financial instruments of the Company are classified in the following categories: non-derivative financial assets comprising amortized cost; non derivative financial liabilities at amortized cost and equity instruments at fair value through Profit and Loss account (FVTPL). Financial instruments at Fair Value represent Investments in Mutual Funds classified as Current Investments.



*Notes to the consolidated financial statements for the year ended 31<sup>st</sup> March, 2023 (Contd...)*

**a) Non-derivative financial assets:**

**Financial assets at amortized cost**

A financial asset shall be measured at amortized cost if both of the following conditions are met:

- i) the financial asset is held within a business model whose objective is to hold financial assets in order to collect contractual cash flows; and
- ii) the contractual terms of the financial asset give rise on specified dates to cash flows that are solely payments of principal and interest on the principal amount outstanding.

They are presented as current assets, except for those maturing later than 12 months after the reporting date which are presented as non-current assets. Financial assets are measured initially at fair value plus transaction costs and subsequently carried at amortized cost using the effective interest method, less any impairment losses.

Financial Assets at amortized cost are represented by security deposits, cash and cash equivalents, Trade receivables & similar nature and eligible current and non-current assets.

Non Current assets comprises investments in debentures or bonds quoted, fully paid up, which are carried at amortized cost.

**b) Non-derivative financial liabilities at amortized cost**

Financial liabilities at amortized cost represented by trade and other payables are initially recognized at fair value, and subsequently carried at amortized cost using the effective interest method.

**2.2.17 Impairment:**

**Impairment of Assets (Non-financial assets)**

The company assesses at the end of each reporting period whether there is any indication that an asset may be impaired. If any such indication exists, the company estimates the recoverable amount of the asset. An asset's recoverable amount is the higher of the asset's or cash-generating unit's value in use and its fair value less costs of disposal, and is determined for an individual asset, unless the asset does not generate cash inflows that are largely independent of those from other assets or groups of assets, in which case the recoverable amount is determined for the cash-generating unit to which the asset belongs. Company considers individual mines as separate cash generating units for the purpose of test of impairment.

If the recoverable amount of an asset is estimated to be less than its carrying amount, the carrying amount of the asset is reduced to its recoverable amount and the impairment loss is recognized in the Statement of Profit and Loss.

**Impairment of financial assets (other than fair value)**

In accordance with Ind AS 109, the Company applies expected credit loss (ECL) model for measurement and recognition of impairment loss. The Company follows 'simplified approach' for recognition of impairment loss allowance on trade receivable.

The application of simplified approach does not require the Company to track changes in credit risk. Rather, it recognises impairment loss allowance based on lifetime ECLs at each reporting date, right from its initial recognition.

For recognition of impairment loss on other financial assets and risk exposure, the Company determines that whether there has been a significant increase in the credit risk since initial recognition. If credit risk has not increased significantly, 12-month ECL is used to provide for impairment loss. However, if credit risk has increased significantly, lifetime ECL is used. If in subsequent period, credit quality of the instrument improves such that there is no longer a significant increase in credit risk since initial recognition, then the entity reverts to recognising impairment loss allowance based on 12 month ECL.

*Notes to the consolidated financial statements for the year ended 31<sup>st</sup> March, 2023 (Contd...)*

Lifetime ECLs are the expected credit losses resulting from all possible default events over the expected life of a financial instrument. The 12 month ECL is a portion of the lifetime ECL which results from default events that are possible within 12 months after the reporting date. ECL is the difference between all contractual cash flows that are due to the Company in accordance with the contract and all the cash flows that the entity expects to receive (i.e. all shortfalls), discounted at the original EIR. When estimating the cash flows, an entity is required to consider:

- i) All contractual terms of the financial instrument (including prepayment, extension etc.) over the expected life of the financial instrument. However, in rare cases when the expected life of the financial instrument cannot be estimated reliably, then the entity is required to use the remaining contractual term of the financial instrument.
- ii) Cash flows from the sale of collateral held or other credit enhancements that are integral to the contractual terms.

ECL impairment loss allowance (or reversal) recognised during the period is recognised as income/expense in the statement of profit and loss. The balance sheet presentation for various financial instruments is described below:

Financial assets measured at amortised cost, contractual revenue receivable: ECL is presented as an allowance, i.e. as an integral part of the measurement of those assets in the balance sheet. The allowance reduces the- net carrying amount. Until the asset meets write off criteria, the Company does not reduce impairment allowance from the gross carrying amount.

**2.2.18 Leases:**

The Company evaluates at the inception of a contract, whether the contract is, or contains, a lease, if the contract conveys the right to control the use of an identified Asset(after performing Substitutability test as described in para B14 to B19 of the Ind AS 116).The Company shall account for each lease component within contract as a lease separately from non-lease components from the contract and allocate the consideration in the contract to each lease component on the basis of relative standalone price of such lease component.

Identification of a lease requires significant judgment. The Company determines the lease term as the non-cancellable period of a lease together with the periods covered by an option to extend the lease if the Company is reasonably certain to exercise that option.

In the absence of the interest rates implicit in the Contracts, the Company adopts incremental borrowing rate as the discount rate.

Lease liability is initially recognised and measured at an amount equal to the present value of lease payments to be made during the lease term and corresponding amount is recognised as Right of Use Asset which is measured at cost.

The lease liability is measured in subsequent periods using the effective interest rate method. The right-of-use asset is depreciated over the lease term on straightline basis.

The amounts payable in respect of Low Value leases up to Rs.2.00 lakhs/P.M per Identified Asset and the Short term leases of 12 months or less are fully charged off as expenses of the period.

The Company had adopted Option II of the Modified Retrospective Approach permitted under Clause no C.5(b) read with C7 and C8 of the Appendix C of the Accounting Standard. Accordingly, the Lease Liability and corresponding Right of Use Assets are initially recognized at the present value of the future Lease payments outstanding as on 01.04.2019.



*Notes to the consolidated financial statements for the year ended 31<sup>st</sup> March, 2023 (Contd...)*

### **2.2.19 Investment Property:**

Property (land or building or part of building or both) held to earn rentals or for capital appreciation or both, rather than for, use in the production or supply of goods or services or for administrative purposes, or sale in the ordinary course of businesses are classified as Investment Property.

Investment property is measured initially at cost, including related transaction costs and where applicable borrowing costs.

Investment properties are depreciated using the straight line method over the estimated useful lives as per the schedule II of the Companies Act, 2013.

Properties earning rental Income of less than Rs.50,000/P.M and having with a lease period of 12 months or less are not considered as Investment Property.

### **2.2.20 Earnings per share:**

Basic and diluted earnings per share are computed by dividing the net profit after tax before considering other comprehensive income by the weighted average number of equity shares outstanding during the period.

### **2.2.21 Material Prior Period Errors, Effect of change in the Accounting Policies:**

Material prior period errors are corrected retrospectively by restating the comparative amounts of the prior period(s) presented in which the error occurred. If the error occurred before the earliest period presented, the opening balances of assets, liabilities and equity for the earliest period presented, are restated.

The changes to the accounting policies are done retrospectively and the application of such change is limited to the earliest period practicable by adjusting the opening balance of each affected component of equity and other comparative amounts disclosed for each prior period presented as if the new Accounting Policy had always been applied.

### **2.2.22 Provision for Warranties:**

The subsidiary Company provides warranty cost at 1% of the revenue progressively as and when it recognizes the revenue and maintain the same through the warranty period.



**Eco - friendly CHP (10 MT capacity) commissioned at JVR OC mines, Sathupalli**



Notes to the consolidated financial statements for the year ended 31<sup>st</sup> March, 2023 (contd....)

**NOTE 3: PROPERTY, PLANT AND EQUIPMENT:**

(Rs. in Crore)

| Particulars   | Freehold Lands-Mining | Freehold Lands-Others | Lease hold Lands | Build-ings Factory | Build-ings Others | Roads   | Railway Sidings | Plant & Equip-ment | Furni-ture & Fixtures | Vehicles | Office Equip-ment | Land Reclama-tion / site Restora-tion Costs | Other Mining Infra-structure | Total     |
|---|-----------------------|-----------------------|------------------|--------------------|-------------------|---------|-----------------|--------------------|-----------------------|----------|-------------------|---|------------------------------|-----------|
| <b>Gross Carrying Amount:</b>                       |                       |                       |                  |                    |                   |         |                 |                    |                       |          |                   |   |                              |           |
| As at 1 <sup>st</sup> April 2021                    | 1,985.84              | 133.84                | 884.72           | 791.66             | 1,098.53          | 293.92  | 247.28          | 13,958.48          | 25.66                 | 60.75    | 14.74             | 5,872.90                                    | 1,905.93                     | 27,274.25 |
| Adjustments for Restatements                        | -                     | -                     | -                | -                  | -                 | -       | -               | (24.44)            | -                     | -        | 24.44             | 8.07  | -                            | 8.07      |
| As at 1 <sup>st</sup> April 2021 (Restated)         | 1,985.84              | 133.84                | 884.72           | 791.66             | 1,098.53          | 293.92  | 247.28          | 13,934.04          | 25.66                 | 60.75    | 39.18             | 5,880.97                                    | 1,905.93                     | 27,282.32 |
| Additions (Restated)                                | 314.08                | 12.00                 | 33.95            | 37.38              | 87.34             | 48.51   | 4.68            | 696.99             | 1.45                  | 1.21     | 3.27              | 3,412.95                                    | 214.08                       | 4,867.90  |
| Deductions/Disposals                                | (1.60)                | -                     | -                | (1.14)             | (0.24)            | (0.03)  | -               | (348.84)           | (0.23)                | (1.04)   | (0.28)            | -   | (5.63)                       | (359.03)  |
| As at 31 <sup>st</sup> March 2022                   | 2,298.32              | 145.84                | 918.67           | 827.90             | 1,185.63          | 342.40  | 251.96          | 14,282.19          | 26.88                 | 60.92    | 42.17             | 9,293.92                                    | 2,114.38                     | 31,791.19 |
| Additions   | 191.64                | 7.30                  | 43.37            | 271.12             | 222.95            | 34.14   | 88.01           | 488.71             | 2.65                  | 2.29     | 10.66             | 3,003.27                                    | 318.91                       | 4,685.02  |
| Deductions/Disposals                                | (0.14)                | -                     | -                | (5.59)             | (6.33)            | (20.24) | -               | (239.25)           | (0.17)                | (2.98)   | (1.55)            | (115.78)                                    | (0.17)                       | (392.20)  |
| As at 31 <sup>st</sup> March 2023                   | 2,489.82              | 153.14                | 962.04           | 1,093.43           | 1,402.25          | 356.30  | 339.97          | 14,531.65          | 29.36                 | 60.23    | 51.28             | 12,181.41                                   | 2,433.12                     | 36,084.01 |
| <b>Accumulated Depreciation:</b>                    |                       |                       |                  |                    |                   |         |                 |                    |                       |          |                   |   |                              |           |
| As at 1 <sup>st</sup> April 2021                    | 632.23                | 1.06                  | 594.00           | 179.42             | 329.63            | 201.89  | 60.52           | 5,965.39           | 14.16                 | 35.20    | 8.54              | 3,523.92                                    | 1,213.14                     | 12,759.09 |
| Adjustments for Restatements                        | -                     | -                     | -                | -                  | -                 | -       | -               | (14.88)            | -                     | -        | 14.88             | -   | -                            | -         |
| As at 1 <sup>st</sup> April 2021 (Restated)         | 632.23                | 1.06                  | 594.00           | 179.42             | 329.63            | 201.89  | 60.52           | 5,950.51           | 14.16                 | 35.20    | 23.42             | 3,523.92                                    | 1,213.14                     | 12,759.09 |
| Charge for the year (Restated)                      | 93.00                 | -                     | 56.90            | 31.96              | 27.70             | 33.36   | 13.40           | 910.52             | 1.80                  | 5.28     | 4.53              | 320.00                                      | 126.91                       | 1,625.35  |
| Deductions/Disposals                                | (0.77)                | -                     | -                | (0.67)             | (0.16)            | (0.03)  | -               | (347.69)           | (0.23)                | (0.99)   | (0.28)            | -   | (5.37)                       | (356.19)  |
| As at 31 <sup>st</sup> March 2022                   | 724.46                | 1.06                  | 650.90           | 210.71             | 357.17            | 235.22  | 73.92           | 6,513.34           | 15.73                 | 39.49    | 27.67             | 3,843.92                                    | 1,334.68                     | 14,028.26 |
| Charge for the year                                 | 107.19                | -                     | 53.74            | 43.61              | 28.94             | 27.73   | 19.44           | 909.65             | 3.04                  | 5.35     | 10.54             | 866.64                                      | 158.28                       | 2,234.15  |
| Deductions/Disposals                                | (0.07)                | -                     | -                | (2.48)             | (10.00)           | (20.20) | -               | (238.17)           | (0.19)                | (2.98)   | (1.51)            | (115.78)                                    | (0.17)                       | (391.55)  |
| As at 31 <sup>st</sup> March 2023                   | 831.58                | 1.06                  | 704.64           | 251.84             | 376.11            | 242.75  | 93.36           | 7,184.82           | 18.58                 | 41.86    | 36.70             | 4,594.78                                    | 1,492.79                     | 15,870.86 |
| <b>Provision for Diminution in Value of Assets:</b> |                       |                       |                  |                    |                   |         |                 |                    |                       |          |                   |   |                              |           |
| 31 <sup>st</sup> March 2022                         | -                     | -                     | -                | (22.98)            | (3.73)            | (2.89)  | -               | (0.20)             | -                     | -        | -                 | (162.70)                                    | (516.61)                     | (709.11)  |
| 31 <sup>st</sup> March 2023                         | -                     | -                     | -                | (43.34)            | (7.28)            | (4.98)  | -               | (0.10)             | -                     | -        | -                 | (115.08)                                    | (449.54)                     | (620.32)  |
| <b>Net Carrying Amount:</b>                         |                       |                       |                  |                    |                   |         |                 |                    |                       |          |                   |   |                              |           |
| As at 31 <sup>st</sup> March 2023                   | 1,658.24              | 152.08                | 257.41           | 798.25             | 1,018.86          | 108.56  | 246.61          | 7,346.73           | 10.78                 | 18.37    | 14.58             | 7,471.55                                    | 490.79                       | 19,592.83 |
| As at 31 <sup>st</sup> March 2022                   | 1,573.86              | 144.78                | 267.78           | 594.21             | 824.73            | 104.28  | 178.04          | 7,768.65           | 11.15                 | 21.43    | 14.50             | 5,287.30                                    | 263.09                       | 17,053.82 |



*Notes to the consolidated financial statements for the year ended 31<sup>st</sup> March, 2023 (Contd...)*

### **NOTE 3: PROPERTY, PLANT AND EQUIPMENT (CONTD...)**

- 3.1 Free hold lands includes Government Assigned lands. The Government assistance in the form of Assigned Lands is recognized in books as Govt Assigned Lands at nominal value.
- 3.2 Title deeds of Immovable Properties of the Company:
- i) All the lands acquired by the Company are for Mining purposes. The lands acquired by the Company under the Land Acquisition Act, 1894 or the Right to Fair Compensation and Transparency in Land Acquisition, Rehabilitation and Resettlement Act, 2013 or Forest Lands acquired under Mining Leases, do not require Title deeds separately as Registration is exempted by the Provisions of the respective Acts. The mutation of the land records in favour of the Company by the concerned LAO's are valid documents.  
  
However, the details of lands held by the Company are not updated in the Dharani Portal of Telangana State Government in most of the cases. The Company has initiated action for the updation of the land records in the Dharani Portal and steps are being taken to ensure the reconciliation/ updation of the records at the earliest.
  - ii) Further, the Company is in the process of the reconciliation of Land Records with the Land Assets carried in the Books of Account.
- 3.3 Land measuring Acres:726, Guntas: 21 1/2 (Previous Year Acres 726, Guntas: 21 1/2) shown under Property, Plant and Equipment has not been registered in the name of the Company.
- 3.4 Pending fixation of the market value by the District Collector and finalization of other formalities, Land measuring Acres 5.00 already handed over to Ramagundam Municipality is included in the Land Assets.
- 3.5 During the current year the significant spares for a value of Rs.69.21 Crore have been capitalized as components and depreciation as charged based on the useful lives of spares estimated by the respective Technical Depts and current year depreciation charged on the same is Rs.20.15 Crore (Refer Note No.31A.1).
- 3.6 During the year, interest on borrowings of Rs.0.05 Crore is capitalized under Solar Power plant Assets (Previous Year Rs 4.80 Crore).
- 3.7 The value of buildings include an amount of Rs.28.31 Crore being the building cess capitalised during the year.
- 3.8 The Company has not revalued the Property, Plant and Equipment during the current and previous year.
- 3.9 There are no acquisitions through Business combination or disposals through demergers during the Current Year and Previous Year.
- 3.10 No proceedings have been initiated on or are pending against the Company for holding Benami Property under the Prohibition of Benami Property Transactions Act, 1988 (as amended in 2016) [formerly the Benami Transactions (Prohibition) Act, 1988 (45 of 1988)] and Rules made thereunder.



Notes to the consolidated financial statements for the year ended 31<sup>st</sup> March, 2023 (Contd...)**NOTE 4: CAPITAL WORK-IN-PROGRESS:**

(Rs. in Crore)

| Particulars  | Lands         | Buildings     | Plant & Equipment | Development   | Total           |
|--|---------------|---------------|-------------------|---------------|-----------------|
| <b>Gross Carrying Amount:</b>                              |               |               |                   |               |                 |
| <b>As at 1<sup>st</sup> April 2021 (Gross)</b>             | <b>4.19</b>   | <b>141.03</b> | <b>910.27</b>     | <b>495.24</b> | <b>1,550.73</b> |
| Impairment provision as on 1.4.2021                        |               |               | (2.07)            | (9.70)        | (11.77)         |
| <b>As at 1<sup>st</sup> April 2021 (Net of Impairment)</b> | <b>4.19</b>   | <b>141.03</b> | <b>908.20</b>     | <b>485.54</b> | <b>1,538.96</b> |
| Additions (Restated)                                       | 366.30        | 293.56        | 490.85            | 3,633.20      | 4,783.91        |
| Capitalized / Deletions                                    | (360.03)      | (173.23)      | (704.43)          | (3627.03)     | (4864.72)       |
| <b>Total</b>   | <b>10.46</b>  | <b>261.36</b> | <b>694.62</b>     | <b>491.71</b> | <b>1,458.15</b> |
| <b>Impairment Adjustments:</b>                             |               |               |                   |               |                 |
| Provision made during the year                             | -             | (5.02)        | (6.77)            | (97.13)       | (108.92)        |
| Transfer of Provision to Assets                            | -             | -             | -                 | 2.63          | 2.63            |
| <b>As at 31<sup>st</sup> March 2022</b>                    | <b>10.46</b>  | <b>256.34</b> | <b>687.85</b>     | <b>397.21</b> | <b>1,351.86</b> |
| Additions  | 350.00        | 335.34        | 302.47            | 3,299.38      | 4,287.19        |
| Capitalized / Deletions                                    | 242.31        | 528.21        | 592.32            | 3385.32       | 4748.16         |
| <b>As at 31<sup>st</sup> March 2023</b>                    | <b>118.15</b> | <b>63.47</b>  | <b>398.00</b>     | <b>311.27</b> | <b>890.89</b>   |
| <b>Impairment Adjustments:</b>                             |               |               |                   |               |                 |
| Impairment Provision made for the year                     | -             | -             | -                 | (1.35)        | (1.35)          |
| Withdrawal of Provision                                    | -             | -             | -                 | 57.72         | 57.72           |
| Transfer of Provision to PPE                               | -             | -             | -                 | 3.83          | 3.83            |
| <b>As at 31<sup>st</sup> March 2023</b>                    | <b>118.15</b> | <b>63.47</b>  | <b>398.00</b>     | <b>251.07</b> | <b>830.69</b>   |

- 4.1 CWIP includes interest on borrowings from SBI for Solar power plants Rs. 0.03 Crore (Previous Year: Rs.0.01 Crore).
- 4.2 Out of the proceeds of VGF Grant of Rs.27.37 Crore received against the III Phase of Solar Power Plants, an amount of Rs.12.28 Crore (PY Rs.10.87 Crore) is reduced /adjusted from the related Capital Expenditure incurred at these Plants upto the Reporting Date (Refer Note No.24.2 and Note No.39.5.2A.4).

**4.3 CAPITAL WORK-IN-PROGRESS AGEING SCHEDULE:**

a) As at 31.03.2023:

(Rs. in Crore)

| Particulars                 | Amount in capital work-in-progress for a period of |               |              |                   |               |
|-----------------------------|--|---------------|--------------|-------------------|---------------|
|                             | Less than 1 year                                   | 1-2 Years     | 2-3 Years    | More than 3 years | Total         |
| <b>Projects in Progress</b> |  |               |              |                   |               |
| Buildings                   | 51.86  | 8.93          | 0.19         | 2.48              | 63.46         |
| Lands                       | 104.46   | 11.31         | 0.44         | 1.94              | 118.15        |
| Other Mining Infrastructure | 99.22  | 100.09        | 41.87        | 67.75             | 308.93        |
| Plant and Equipment         | 309.85   | 44.29         | 20.62        | 23.25             | 398.01        |
| <b>Total</b>                | <b>565.39</b>                                      | <b>164.62</b> | <b>63.12</b> | <b>95.42</b>      | <b>888.55</b> |



Notes to the consolidated financial statements for the year ended 31<sup>st</sup> March, 2023 (Contd...)

(Rs. in Crore)

| Particulars  | Amount in capital work-in-progress for a period of |               |              |                   |               |
|--|--|---------------|--------------|-------------------|---------------|
|  | Less than 1 year                                   | 1-2 Years     | 2-3 Years    | More than 3 years | Total         |
| <b>Less: Impairment Provision made on:</b>                                       |  |               |              |                   |               |
| <b>Assets at Loss incurring UG Mines</b>   |  |               |              |                   |               |
| Other Mining Infrastructure  | 0.43   | 0.44          | 1.55         | 4.36              | 6.78          |
| Assets at permanently suspended projects:  |  |               |              |                   |               |
| Buildings  |  |               |              | 1.89              | 1.89          |
| Lands  | 0.03   | 0.05          | -            | -                 | 0.08          |
| Other Mining Infrastructure (including New Patrapara and Penagadapa Coal Blocks) | 1.78   | 17.34         | 15.49        | 11.68             | 46.29         |
| Plant and Equipment  |  | 0.01          |              | 2.81              | 2.82          |
| <b>Sub Total</b>   | <b>2.24</b>  | <b>17.84</b>  | <b>17.04</b> | <b>20.74</b>      | <b>57.86</b>  |
| <b>Value of CWIP - Projects in Progress</b>                                      | <b>563.15</b>                                      | <b>146.78</b> | <b>46.08</b> | <b>74.68</b>      | <b>830.69</b> |
| Projects temporarily suspended   | -  | -             | -            | -                 | -             |
| <b>Total</b>   | <b>563.15</b>                                      | <b>146.78</b> | <b>46.08</b> | <b>74.68</b>      | <b>830.69</b> |

b) As at 31.03.2022:

(Rs. in Crore)

| Particulars   | Amount in capital work-in-progress for a period of |               |               |                   |                 |
|---|--|---------------|---------------|-------------------|-----------------|
|   | Less than 1 year                                   | 1-2 Years     | 2-3 Years     | More than 3 years | Total           |
| <b>Projects in Progress</b>   |  |               |               |                   |                 |
| Buildings   | 196.68   | 43.85         | 13.30         | 7.54              | 261.37          |
| Lands   | 6.42   | 2.49          | 0.37          | 1.17              | 10.45           |
| Other Mining Infrastructure   | 233.42   | 132.38        | 58.04         | 77.57             | 501.41          |
| Plant and Equipment   | 316.13   | 280.29        | 88.50         | 10.38             | 695.30          |
| <b>Total</b>  | <b>752.65</b>                                      | <b>459.01</b> | <b>160.21</b> | <b>96.66</b>      | <b>1,468.53</b> |
| <b>Less: Impairment Provision made on:</b>  |  |               |               |                   |                 |
| <b>Assets at Loss incurring UG Mines</b>  |  |               |               |                   |                 |
| Buildings   | 0.74   | 0.95          |               |                   | 1.69            |
| Plant and Equipment   | 0.64   | 0.30          | 2.95          |                   | 3.89            |
| Other Mining Infrastructure   | 0.96   | 1.88          | 2.54          | 2.05              | 7.43            |
| <b>Assets at permanently suspended projects</b>                                   |  |               |               |                   |                 |
| Buildings   |  |               | 0.23          | 3.10              | 3.33            |
| Plant and Equipment   | 0.01   | 0.72          |               | 0.13              | 0.86            |
| Other Mining Infrastructure ( including New Patrapara and Penagadapa Coal Blocks) | 18.40  | 14.79         | 39.43         | 28.23             | 100.85          |
| <b>Sub Total</b>  | <b>20.75</b>                                       | <b>18.64</b>  | <b>45.15</b>  | <b>33.51</b>      | <b>118.05</b>   |
| <b>Value of CWIP - Projects in Progress</b>                                       | <b>731.90</b>                                      | <b>440.37</b> | <b>115.06</b> | <b>63.15</b>      | <b>1,350.48</b> |
| Projects temporarily suspended  | -  | -             | -             | -                 | -               |
| <b>Total</b>  | <b>731.90</b>                                      | <b>440.37</b> | <b>115.06</b> | <b>63.15</b>      | <b>1,350.48</b> |

Notes to the consolidated financial statements for the year ended 31<sup>st</sup> March, 2023 (Contd...)**4.4 Capital work-in-progress, for which completion is overdue compared to its original plan:****a) As at 31.03.2023:**

(Rs. in Crore)

| Particulars                                   | To be completed in |           |           |                   | Total        |
|---|--------------------|-----------|-----------|-------------------|--------------|
|   | Less than 1 year   | 1-2 Years | 2-3 Years | More than 3 years |              |
| <b>Projects in Progress</b>                   |                    |           |           |                   |              |
| <b>Buildings</b>                              |                    |           |           |                   |              |
| Cons.of Pavilion Bldg at Prakasam Stadium     | 0.48               | -         | -         | -                 | 0.48         |
| Improvement of p/line@shirke qtrs, 8 Inc      | 0.24               | -         | -         | -                 | 0.24         |
| Providing common utilities at MD Qtrs BHP     | 2.06               | -         | -         | -                 | 2.06         |
| Asphalt road from IK 1A Inc. to south bunker  | 0.31               | -         | -         | -                 | 0.31         |
| Cons of 490 Nos MC type Qtrs STPP JAIPUR      | 0.50               | -         | -         | -                 | 0.50         |
| Construction 3 Sheds in W/S 3 Incl KGM        | 1.94               | -         | -         | -                 | 1.94         |
| Cons.Filter Bed 8x1.00 Gal @Gouthampur        | 3.47               | -         | -         | -                 | 3.47         |
| Construction of Rest Shelter, MNG OC II       | 0.34               | -         | -         | -                 | 0.34         |
| Dozer Repair shed, MNG OC II Extn. Proj.      | 0.52               | -         | -         | -                 | 0.52         |
| Lay. of WBM Road from Narsapur to Bejjar      | 0.20               | -         | -         | -                 | 0.20         |
| Const. 2Bay Dumper Maintenance Shed, BPA      | 0.54               | -         | -         | -                 | 0.54         |
| Site Office, MNG OCII Extn.Proj               | 1.09               | -         | -         | -                 | 1.09         |
| Const. of indoor substation at KCHP, MNG      | 0.12               | -         | -         | -                 | 0.12         |
| Const./Stores shed, offices RG-II OC III Extn | 0.12               | -         | -         | -                 | 0.12         |
| Cons.Dumper maint.shed&other RG-II OC III     | 8.50               | -         | -         | -                 | 8.50         |
| Tradesmen rooms, Canteen SRP OC-II EXP        | 0.45               | -         | -         | -                 | 0.45         |
| <b>Sub-Total (A)</b>                          | <b>20.87</b>       | -         | -         | -                 | <b>20.87</b> |
| <b>Plant and Equipment</b>                    |                    |           |           |                   |              |
| Prov.Chain linkmesh to Dismantled BC qtrs     | 0.76               | -         | -         | -                 | 0.76         |
| <b>Sub-Total (B)</b>                          | <b>0.76</b>        |           |           |                   | <b>0.76</b>  |
| <b>Railway Siding</b>                         |                    |           |           |                   |              |
| Installn of W/Brdg at GSOG siding.            | 0.28               | -         | -         | -                 | 0.28         |
| <b>Sub-Total (C)</b>                          | <b>0.28</b>        |           |           |                   | <b>0.28</b>  |
| <b>Other Mining Infrastructure</b>            |                    |           |           |                   |              |
| Installation of 1 Online CAAQM Station        | 0.37               | -         | -         | -                 | 0.37         |
| Drink water pipe line, MNG OC II Extn.Pr      | 2.21               | -         | -         | -                 | 2.21         |
| fencing around vacant lands at BHP area       | 0.20               | -         | -         | -                 | 0.20         |
| Diversion of approach road IK OC              | 0.39               | -         | -         | -                 | 0.39         |
| Div.of existing BT road to IK1A incl. CD      | 4.06               | -         | -         | -                 | 4.06         |
| Road Under bridge @IKOC (Revised Plan)        | 25.49              | -         | -         | -                 | 25.49        |
| Widening the road & culverts on the Bund      | 2.75               | -         | -         | -                 | 2.75         |
| <b>Sub-Total (D)</b>                          | <b>35.49</b>       | -         | -         | -                 | <b>35.49</b> |
| <b>Total (A+B+C+D)</b>                        | <b>57.41</b>       | -         | -         | -                 | <b>57.41</b> |

**Note:** In respect of Assets / Projects forming part of CWIP and which have become overdue when compared to their original plan, the disclosures have been given in respect of Assets / Projects exceeding the value of Rs.10 Lakhs each.



Notes to the consolidated financial statements for the year ended 31<sup>st</sup> March, 2023 (Contd...)

b) As at 31.03.2022:

(Rs. in Crore)

| Particulars  | To be completed in |           |           |                   | Total         |
|--|--------------------|-----------|-----------|-------------------|---------------|
|  | Less than 1 year   | 1-2 Years | 2-3 Years | More than 3 years |               |
| <b>Projects in Progress</b>                          |                    |           |           |                   |               |
| <b>Buildings</b>                                     |                    |           |           |                   |               |
| Foundations for FB/Crusher etc. Kistaram OC          | 0.52               | -         | -         | -                 | 0.52          |
| Const. of ELSR at Hillock filter bed, MNG            | 1.83               | -         | -         | -                 | 1.83          |
| Const. of G.L Bunker at CSP, Manuguru                | 12.16              | -         | -         | -                 | 12.16         |
| Const./Stores shed, offices, RG OC.3                 | 2.94               | -         | -         | -                 | 2.94          |
| Const. of 50000 Gal. Filter Bed, RG OC.3             | 0.25               | -         | -         | -                 | 0.25          |
| Const. of Sheds for Oil&Lubricants, RG OC.3          | 0.20               | -         | -         | -                 | 0.20          |
| Constn of 994 Nos MD quarters, BHPL                  | 145.24             | -         | -         | -                 | 145.24        |
| Lay. of WBM Road from Narsapur to Bejjar             | 0.20               | -         | -         | -                 | 0.20          |
| Const. 2Bay Dumper Maintenance Shed, BPA             | 0.54               | -         | -         | -                 | 0.54          |
| Constn of GLSR 4.75L Gallons at Naspur               | 1.07               | -         | -         | -                 | 1.07          |
| BT road from Site office at SRP OC                   | 0.88               | -         | -         | -                 | 0.88          |
| Const./Dumper maint.shed, RG3 OC                     | 3.48               | -         | -         | -                 | 3.48          |
| Con of Project Office at Kistaram OC                 | 0.32               | -         | -         | -                 | 0.32          |
| Const. of 2 <sup>nd</sup> row of water dams, RG OC.I | 4.46               | -         | -         | -                 | 4.46          |
| Site Office at Kistaram OC                           | 0.08               | -         | -         | -                 | 0.08          |
| <b>Sub-Total (A)</b>                                 | <b>174.17</b>      |           |           |                   | <b>174.17</b> |
| <b>Plant and Equipment</b>                           |                    |           |           |                   |               |
| Const.&Commissioning of CHP, JVR OC.2                | 404.83             | -         | -         | -                 | 404.83        |
| Drivage of 910 Mtrs long tunnel, PVK.5 Inc           | 6.36               | -         | -         | -                 | 6.36          |
| Installation of in-motion 120T WB, RG.I              | 0.28               | -         | -         | -                 | 0.28          |
| 23MW Solar Plant at KGM                              | 2.38               | -         | -         | -                 | 2.38          |
| <b>Sub-Total (B)</b>                                 | <b>413.85</b>      |           |           |                   | <b>413.85</b> |
| <b>Roads</b>   |                    |           |           |                   |               |
| Approach road to project - Kistaram OC               | 3.03               | -         | -         | -                 | 3.03          |
| <b>Sub-Total (C)</b>                                 | <b>3.03</b>        |           |           |                   | <b>3.03</b>   |
| Railway Siding                                       | -                  |           |           |                   |               |
| Private Siding at JVROC                              | 33.67              | -         | -         | -                 | 33.67         |
| <b>Sub-Total (D)</b>                                 | <b>33.67</b>       |           |           |                   | <b>33.67</b>  |
| Other Mining Infrastructure                          |                    |           |           |                   |               |
| Development of 2 Nos R&R Centres, RG.2               | 1.15               | -         | -         | -                 | 1.15          |
| Const./retai.wall&f.beds/2x500FB, RG OC3             | 0.93               | -         | -         | -                 | 0.93          |
| Constn of ETP at CHP OCP-I, RG.3                     | 0.15               | -         | -         | -                 | 0.15          |
| <b>Sub-Total (E)</b>                                 | <b>2.23</b>        |           |           |                   | <b>2.23</b>   |
| <b>Total (A+B+C+D+E)</b>                             | <b>626.95</b>      | -         | -         | -                 | <b>626.95</b> |

**Note:** In respect of Assets / Projects forming part of CWIP and which have become overdue when compared to their original plan, the disclosures have been given in respect of Assets / Projects exceeding the value of Rs.10 Lakhs each.

Notes to the consolidated financial statements for the year ended 31<sup>st</sup> March, 2023 (Contd...)**4.5 CAPITAL WORK-IN-PROGRESS - COST OVERRUN PROJECTS:****a) As at 31.03.2023:**

(Rs. in Crore)

| Particulars   | Original Cost | Latest Revised Cost | Actual Cost incurred upto 31.03.2023 |
|---|---------------|---------------------|--------------------------------------|
| Diversion of approach road IK OC & Div.of existing BT road to IK1A incl. CD | 4.23          | 5.29                | 4.46                                 |
| <b>Total</b>  | <b>4.23</b>   | <b>5.29</b>         | <b>4.46</b>                          |

**b) As at 31.03.2022:**

(Rs. in Crore)

| Particulars                         | Original Cost | Latest Revised Cost | Actual Cost incurred upto 31.03.2022 |
|-------------------------------------|---------------|---------------------|--------------------------------------|
| Fan House                           | 0.50          | 1.85                | 1.54                                 |
| Construction of Hauler Shed at IK1A | 0.15          | 0.30                | 0.28                                 |
| <b>Total</b>                        | <b>0.65</b>   | <b>2.15</b>         | <b>1.82</b>                          |

**Note:** In respect of Assets / Projects forming part of CWIP and for which incurred costs have exceeded when compared to their original plan, the disclosures have been given in respect of Assets / Projects exceeding the value of Rs.10 Lakhs each.

**NOTE 5A: INVESTMENT PROPERTIES**

(Rs. in Crore)

| Particulars                             | Lands       | Buildings    | Total        |
|---|-------------|--------------|--------------|
| <b>Gross Carrying Amount</b>            |             |              |              |
| <b>As at 1<sup>st</sup> April 2021</b>  | <b>0.05</b> | <b>1.48</b>  | <b>1.53</b>  |
| Additions                               | -           | -            | -            |
| Adjustments/ Deletions                  | -           | -            | -            |
| <b>As at 1<sup>st</sup> April 2022</b>  | <b>0.05</b> | <b>1.48</b>  | <b>1.53</b>  |
| Additions                               | -           | 29.97        | 29.97        |
| Adjustments/ Deletions                  | -           | -            | -            |
| <b>As at 31<sup>st</sup> March 2023</b> | <b>0.05</b> | <b>31.45</b> | <b>31.50</b> |
| <b>Accumulated Depreciation:</b>        |             |              |              |
| <b>As at 1<sup>st</sup> April 2021</b>  | -           | <b>0.47</b>  | <b>0.47</b>  |
| Depreciation Charge for year 2021-22    | -           | 0.02         | 0.02         |
| <b>As at 1<sup>st</sup> April 2022</b>  | -           | <b>0.49</b>  | <b>0.49</b>  |
| Adjustments/ Deletions                  | -           | 3.77         | 3.77         |
| Depreciation Charge for year 2022-23    | -           | 1.04         | 1.04         |
| <b>As at 31<sup>st</sup> March 2023</b> | -           | <b>5.30</b>  | <b>5.30</b>  |
| <b>Net Carrying Amount:</b>             |             |              |              |
| <b>As at 31<sup>st</sup> March 2023</b> | <b>0.05</b> | <b>26.15</b> | <b>26.20</b> |
| <b>As at 31<sup>st</sup> March 2022</b> | <b>0.05</b> | <b>0.99</b>  | <b>1.04</b>  |



Notes to the consolidated financial statements for the year ended 31<sup>st</sup> March, 2023 (Contd...)

### 5A.1 Information regarding Income and Expenditure of Investment Properties:

(Rs. in Crore)

| Particulars  | As at<br>31.03.2023 | As at<br>31.03.2022 |
|--|---------------------|---------------------|
| Rental income derived from investment properties                                       | 2.46                | 1.02                |
| Direct operating expenses (including repairs and maintenance) generating rental income | 0.10                | 0.06                |
| <b>Income from investment properties before depreciation</b>                           | <b>2.36</b>         | <b>0.96</b>         |
| Less - Depreciation  | 1.04                | 0.02                |
| <b>Income from investment properties</b>   | <b>1.32</b>         | <b>0.94</b>         |

**5A.2** The Fair Value of the above Investment Properties as on 31.03.2023 is Rs.32.86 Crore (Previous Year Rs.7.67 Crore). The Buildings / Land classified as Investment Property have been constructed/ acquired for mining operations and let out to the contractors/firms for furtherance of Mining business. Since these properties are located at remote mining areas, it is not practicable to arrive at Market Value. Hence, the Municipal valuation adopted for levy of Property Tax / carrying value, as the case may be, is considered as Fair Value in respect of Buildings and the Market Value of Lands as per the Sub-Registrar Records is considered as Fair Value in respect of Lands.

**5A.3** Undiscounted lease payments to be received on an annual basis for a minimum of each of the first five years and for the remaining years (Disclosures in the books of Lessor as per Ind AS 116):

(Rs. in Crore)

| Term                                | As at<br>31.03.2023 | As at<br>31.03.2022 |
|-------------------------------------|---------------------|---------------------|
| Less than one year                  | 2.45                | 0.92                |
| Between one and two years           | 2.47                | 0.92                |
| Between two and three years         | 2.40                | 0.90                |
| Between three and four years        | 2.33                | 0.81                |
| Between four and five years         | 2.33                | 0.81                |
| Beyond five years                   | 1.54                | -                   |
| <b>Total minimum lease payments</b> | <b>13.52</b>        | <b>4.36</b>         |

**5A.4** The Company has not revalued the Investment Property during the current and the previous years.

### NOTE 5B: RIGHT OF USE ASSETS (LEASE)

(Rs. in Crore)

| Particulars                             | HEMM         | Plant and Equipment | Vehicles    | Total        |
|---|--------------|---------------------|-------------|--------------|
| <b>Gross Carrying Amount:</b>           |              |                     |             |              |
| <b>As at 1<sup>st</sup> April 2021</b>  | <b>5.71</b>  | <b>30.84</b>        | <b>1.12</b> | <b>37.67</b> |
| Additions                               | 2.35         | 9.11                | 0.64        | 12.10        |
| Adjustments/ Deletions                  | 0.30         | 3.66                | -           | 3.96         |
| <b>As at 1<sup>st</sup> April 2022</b>  | <b>8.36</b>  | <b>43.61</b>        | <b>1.76</b> | <b>53.73</b> |
| Additions                               | 7.23         | 6.98                | 1.00        | 15.21        |
| Adjustments                             | 0.13         | -                   | -           | 0.13         |
| Deletions                               | (4.72)       | (23.15)             | (1.12)      | (28.99)      |
| <b>As at 31<sup>st</sup> March 2023</b> | <b>11.00</b> | <b>27.44</b>        | <b>1.64</b> | <b>40.08</b> |

Notes to the consolidated financial statements for the year ended 31<sup>st</sup> March, 2023 (Contd...)

| Particulars                             | HEMM        | Plant and Equipment | Vehicles    | Total        |
|---|-------------|---------------------|-------------|--------------|
| <b>Accumulated Depreciation:</b>        |             |                     |             |              |
| <b>As at 1<sup>st</sup> April 2021</b>  | <b>2.61</b> | <b>19.12</b>        | <b>1.12</b> | <b>22.85</b> |
| Depreciation Charge for year 2021-22    | 2.60        | 12.19               | 0.11        | 14.90        |
| <b>As at 1<sup>st</sup> April 2022</b>  | <b>5.21</b> | <b>31.31</b>        | <b>1.23</b> | <b>37.75</b> |
| Depreciation Charge for year 2022-23    | 4.25        | 11.10               | 0.74        | 16.09        |
| Adjustments/ Deletions                  | (4.72)      | (23.15)             | (1.12)      | (28.99)      |
| <b>As at 31<sup>st</sup> March 2023</b> | <b>4.74</b> | <b>19.26</b>        | <b>0.85</b> | <b>24.85</b> |
| <b>Net Carrying Amount:</b>             |             |                     |             |              |
| <b>As at 31<sup>st</sup> March 2023</b> | <b>6.26</b> | <b>8.18</b>         | <b>0.79</b> | <b>15.23</b> |
| <b>As at 31<sup>st</sup> March 2022</b> | <b>3.15</b> | <b>12.30</b>        | <b>0.53</b> | <b>15.98</b> |

5B.1 The additions to ROU Assets (Lease) for the year 2022-23 includes increase of Rs.0.13 Crore in the Lease Liability and ROU Assets on account of remeasurement of Lease Liabilities owing to lease modifications (Previous Year Rs.3.96 Crore). Further, the deletions in FY 2022-23 represents the write off of the original value and accumulated depreciation in respect of expired lease liabilities.

## NOTE 5C: INTANGIBLE ASSETS

(Rs. in Crore)

| Particulars                                    | Enabling Assets | ERP-Software | Total         |
|--|-----------------|--------------|---------------|
| <b>Gross Carrying Amount:</b>                  |                 |              |               |
| <b>As at 1<sup>st</sup> April 2021</b>         | -               | <b>21.36</b> | <b>21.36</b>  |
| Additions during the year 2021-22              | -               | 0.03         | 0.03          |
| Adjustments/ Deletions                         | -               | -            | -             |
| <b>As at 1<sup>st</sup> April 2022</b>         | -               | <b>21.39</b> | <b>21.39</b>  |
| Additions during the year 2022-23              | 408.73          | -            | 408.73        |
| Adjustments/ Deletions                         | -               | -            | -             |
| <b>As at 31<sup>st</sup> March 2023</b>        | <b>408.73</b>   | <b>21.39</b> | <b>430.12</b> |
| <b>Accumulated Amortization/ Depreciation:</b> |                 |              |               |
| <b>As at 1<sup>st</sup> April 2021</b>         | -               | <b>20.56</b> | <b>20.56</b>  |
| Depreciation Charge for year 2021-22           | -               | 0.42         | 0.42          |
| Adjustments/(Deletions)                        | -               | -            | -             |
| <b>As at 1<sup>st</sup> April 2022</b>         | -               | <b>20.98</b> | <b>20.98</b>  |
| Depreciation Charge for year 2022-23           | 27.56           | 0.23         | 27.79         |
| Adjustments/(Deletions)                        | -               | -            | -             |
| <b>As at 31<sup>st</sup> March 2023</b>        | <b>27.56</b>    | <b>21.21</b> | <b>48.77</b>  |
| <b>Net Carrying Amount:</b>                    |                 |              |               |
| <b>As at 31<sup>st</sup> March 2023</b>        | <b>381.17</b>   | <b>0.18</b>  | <b>381.35</b> |
| <b>As at 31<sup>st</sup> March 2022</b>        | -               | <b>0.41</b>  | <b>0.41</b>   |

5C.1 The additions to Enabling Assets presented above represents Railway Siding from BDCR to Sathupalli for an amount of Rs.364.17 Crore (Net off CCDAC Grant of Rs.188.83 Crore), Road Over Bridge on Khammam - Devarapalli Road, near Sathupalli for an amount of Rs.44.56 Crore which were commissioned during the year.

5C.2 The Company has not revalued the Intangible Assets during the current and the previous years.



Notes to the consolidated financial statements for the year ended 31<sup>st</sup> March, 2023 (Contd...)

## NOTE 5D: INTANGIBLE ASSETS UNDER DEVELOPMENT (ENABLING ASSETS)

(Rs. in Crore)

| Particulars                             | Railway Siding from STPL to KGM | Bridge at IKOC | Road Over-bridge (KMM-DVPL) | Total         |
|---|---------------------------------|----------------|-----------------------------|---------------|
| <b>Gross Carrying Amount:</b>           |                                 |                |                             |               |
| <b>As at 1<sup>st</sup> April 2021</b>  | <b>355.61</b>                   | <b>11.50</b>   | <b>-</b>                    | <b>367.11</b> |
| Additions                               | 190.65                          | 10.47          | 29.93                       | 231.05        |
| Capitalized / Deletions                 | -                               | -              | -                           | -             |
| <b>As at 1<sup>st</sup> April 2022</b>  | <b>546.26</b>                   | <b>21.97</b>   | <b>29.93</b>                | <b>598.16</b> |
| Additions                               | 6.74                            | 3.53           | 14.63                       | 24.90         |
| Adjustment of Grants                    | (188.83)                        | .              | .                           | (188.83)      |
| Capitalized / Deletions                 | (364.17)                        | .              | (44.56)                     | (408.73)      |
| <b>As at 31<sup>st</sup> March 2023</b> | <b>-</b>                        | <b>25.50</b>   | <b>-</b>                    | <b>25.50</b>  |

### 5D.1: Intangible Assets - Under Development (Enabling Assets) - Ageing Schedule

#### a) As at 31.03.2023:

(Rs. in Crore)

| Particulars                 | Amount in capital work-in-progress for a period of |              |             |                   | Total        |
|-----------------------------|--|--------------|-------------|-------------------|--------------|
|                             | Less than 1 year                                   | 1-2 Years    | 2-3 Years   | More than 3 years |              |
| <b>Projects in Progress</b> |  |              |             |                   |              |
| Bridge at IKOC              | 3.53   | 10.47        | 0.22        | 11.28             | 25.50        |
| <b>Total</b>                | <b>3.53</b>  | <b>10.47</b> | <b>0.22</b> | <b>11.28</b>      | <b>25.50</b> |

#### b) As at 31.03.2022:

(Rs. in Crore)

| Particulars                           | Amount in capital work-in-progress for a period of |               |               |                   | Total         |
|---------------------------------------|--|---------------|---------------|-------------------|---------------|
|                                       | Less than 1 year                                   | 1-2 Years     | 2-3 Years     | More than 3 years |               |
| <b>Projects in Progress</b>           |  |               |               |                   |               |
| Railway Siding from Sattupalli to KGM | 190.66   | 147.53        | 165.21        | 42.86             | 546.26        |
| Bridge at IKOC                        | 10.47  | 0.22          | 11.28         | -                 | 21.97         |
| ROB at KM 76/4 of KMM-Devarapal       | 29.93  | -             | -             | -                 | 29.93         |
| <b>Total</b>                          | <b>231.06</b>                                      | <b>147.75</b> | <b>176.49</b> | <b>42.86</b>      | <b>598.16</b> |





Notes to the consolidated financial statements for the year ended 31<sup>st</sup> March, 2023 (Contd...)

**5D.2: Intangible Assets - Under Development (Enabling Assets) completion of which overdue compared to its Original Plan:**

a) As at 31.03.2023:

(Rs. in Crore)

| Particulars                 | To be completed in |           |           |                   | Total        |
|-----------------------------|--------------------|-----------|-----------|-------------------|--------------|
|                             | Less than 1 year   | 1-2 Years | 2-3 Years | More than 3 years |              |
| <b>Projects in progress</b> |                    |           |           |                   |              |
| Bridge at IKOC              | 25.50              | -         | -         | -                 | 25.50        |
| <b>Total</b>                | <b>25.50</b>       | <b>-</b>  | <b>-</b>  | <b>-</b>          | <b>25.50</b> |

b) As at 31.03.2022:

(Rs. in Crore)

| Particulars                           | To be completed in |           |           |                   | Total         |
|---------------------------------------|--------------------|-----------|-----------|-------------------|---------------|
|                                       | Less than 1 year   | 1-2 Years | 2-3 Years | More than 3 years |               |
| <b>Projects in progress</b>           |                    |           |           |                   |               |
| Railway Siding from Sattupalli to KGM | 546.26             | -         | -         | -                 | 546.26        |
| <b>Total</b>                          | <b>546.26</b>      | <b>-</b>  | <b>-</b>  | <b>-</b>          | <b>546.26</b> |

**5D.3: Intangible Assets Under Development (Enabling Assets)-Cost Overrun Projects**

a) As at 31.03.2023:

(Rs. in Crore)

| Particulars                    | Original Cost | Latest Revised Cost | Actual Cost incurred upto 31.03.2023 |
|--------------------------------|---------------|---------------------|--------------------------------------|
| <b>Projects in progress</b>    | -             | -                   | -                                    |
| Projects temporarily suspended | -             | -                   | -                                    |
| <b>Total</b>                   | <b>-</b>      | <b>-</b>            | <b>-</b>                             |

b) As at 31.03.2022:

(Rs. in Crore)

| Particulars                    | Original Cost | Latest Revised Cost | Actual Cost incurred upto 31.03.2022 |
|--------------------------------|---------------|---------------------|--------------------------------------|
| <b>Projects in progress</b>    | -             | -                   | -                                    |
| Projects temporarily suspended | -             | -                   | -                                    |
| <b>Total</b>                   | <b>-</b>      | <b>-</b>            | <b>-</b>                             |



Notes to the consolidated financial statements for the year ended 31<sup>st</sup> March, 2023 (Contd...)

## NOTE 6: INVESTMENTS

(Rs. in Crore)

| Particulars |   | As at 31.03.2023 |                 | As at 31.03.2022 |                 |
|-------------|---|------------------|-----------------|------------------|-----------------|
| <b>1</b>    | <b>Non-Current:</b>   |                  |                 |                  |                 |
| <b>(A)</b>  | <b>Investment in Equity instruments Unquoted, fully paid-up Shares (At Amortized Cost)</b>  |                  |                 |                  |                 |
|             | 14,750 Laxmi Porcelains Ltd of Rs.10/- each   | 0.01             |                 | 0.01             |                 |
|             | Less: Provision for Diminution in the value of Investments                                  | (0.01)           | -               | (0.01)           | -               |
|             | <b>Investments in Co-operative Societies (At Amortized Cost)</b>                            |                  |                 |                  |                 |
|             | 1,86,214 Singareni Collieries Co-operative Central Stores Ltd of Rs.10/- each               |                  | 0.19            |                  | 0.19            |
|             | <b>Investment in Joint Venture (At Amortized Cost)</b>                                      |                  |                 |                  |                 |
|             | 4,900 shares of APMDC-SCCL Suliyari Coal Co. Ltd. of Rs.10/- each (Rs.49,000)               | -                |                 | -                |                 |
|             | Less: Provision for Diminution in the value of Investments in JV ( Rs.49,000)               | -                | -               | -                | -               |
| <b>(B)</b>  | <b>Investments in Bonds - Unquoted, fully paid-up (At Amortized Cost)</b>                   |                  |                 |                  |                 |
|             | (i) 8,000 - 9.95% TSSPDCL Power Bonds (Series-1/2014) of Rs.10 Lakh each                    | 800.00           |                 | 800.00           |                 |
|             | (ii) Canara Bank (AT1 - 8.30%) Bonds 2020-21 Series 1 (10,000 units of Rs.10.00 lakhs each) | 1,000.00         | 1,800.00        | 1,000.00         | 1,800.00        |
|             | <b>Total</b>  |                  | <b>1,800.19</b> |                  | <b>1,800.19</b> |
| <b>2</b>    | <b>Current:</b>   |                  |                 |                  |                 |
| <b>(A)</b>  | <b>Investments in Bonds - Unquoted, fully paid-up (At Amortized Cost)</b>                   |                  |                 |                  |                 |
|             | 2,000 - 9.75% APPFC Power Bonds (Series 2/2012) of Rs.10 Lakh each.                         |                  | -               |                  | 1,000.00        |
| <b>(B)</b>  | <b>Investment in Mutual Funds - Unquoted - (At FVTPL)</b>                                   |                  |                 |                  |                 |
|             | Investment in Baroda Liquid Fund (19,27,396.216 units @ Rs.2,595.4687 NAV/unit)             |                  | 500.25          |                  | -               |
|             | <b>Total</b>  |                  | <b>500.25</b>   |                  | <b>1,000.00</b> |

| Particulars                                   | As at 31.03.2023 | As at 31.03.2022 |
|---|------------------|------------------|
| Aggregate of Quoted investments               | -                | -                |
| Aggregate of Unquoted investments             | 2,300.46         | 2,800.21         |
| Aggregate of Diminution in value provided for | 0.02             | 0.02             |

*Notes to the consolidated financial statements for the year ended 31<sup>st</sup> March, 2023 (Contd...)*

- 6.1 3527 Nos. of TSSPDCL bonds (Series 1/2014) of Rs.10.00 Lakh each have been pledged as security for obtaining Bank Guarantee of Rs.176.32 Crore for Naini Coal Block. The Bank Guarantee is valid upto 12.10.2023.
- 6.2 750 Nos of TSSPDCL Bonds (Series-1/2014) were pledged for obtaining Bank Guarantees of Rs.50.00 Crore for submission to SECI, New Delhi against Viability Gap Funding (VGF) scheme of Solar Power Projects. Out of these BGs, BG worth Rs.27.00 Crore is valid up to 30.06.2023 (post which it is returned to the Company) and Balance BG of Rs.23.00 Crore is valid up to 09.10.2023.
- 6.3 (i) Out of the TSSPDCL Bonds of Rs.800.00 Crore, 17.45% amounting to Rs.139.60 Crore is under dispute between M/s. APCPDCL and M/s. TSTRANSCO due to issues relating to State bifurcation. The total Bonds value of Rs 800.00 Crore is carried under the name of M/s TSSPDCL in Demat statement. Further, M/s TSSPDCL had deducted TDS on the interest payable on the total bonds value of Rs 800.00 Crore.
- (ii) However, interest proceeds (net of TDS) are being received by the Company on 82.55% of the Bonds value only from M/s TSSPDCL and the balance interest is not being received either from M/s. TSSPDCL or M/s. APCPDCL pending resolution of dispute and the matter is under active persuasion and close followup by the Company.
- (iii) Interest receivable on the 17.45% of the Bonds value in dispute is also recognized as Income in the books of accounts as TDS was deducted on the same by M/s TSSPDCL. The outstanding interest (net of TDS) receivable as on 31.03.2023 amounted to Rs.86.29 Crore (Rs.73.79 Crore as on 31.03.2022) against the disputed bonds. Further, the interest on the remaining bonds of Rs.660.40 Crore (Not in dispute i.e. 82.55%) is also due from M/s. TSSPDCL from 01.04.2020 to 31.03.2023 which amounted to Rs.178.23 Crore (Net of TDS).
- (iv) Considering the above, the total outstanding interest (net of TDS) receivable on total bonds value of Rs.800.00 Crore as on 31.03.2023 amounted to Rs.264.53 Crore (Rs.192.89 Crore as on 31.03.2022). As these Bonds are backed by the Sovereign Guarantee, the Company expects to realize the outstanding interest dues in due course and hence no provision for Expected Credit Loss is recognized against the same.
- 6.4 Rs.1,000.00 Crore APPFC Power Bonds (Series 2/2012) have matured on 18.07.2022. Out of the matured Bonds value, Rs.200.00 Crore representing TSPFC share is yet to be received. Correspondence is being made for realization of balance amount and the same is classified as Other Current Financial Assets (Refer Note No.8.4).



Notes to the consolidated financial statements for the year ended 31<sup>st</sup> March, 2023 (Contd...)

## NOTE 7: LOANS

(Rs. in Crore)

| Particulars                                     | As at<br>31.03.2023 | As at<br>31.03.2022 |
|---|---------------------|---------------------|
| <b>Non-Current (Unsecured, Considered good)</b> |                     |                     |
| Advances to Staff                               | -                   | -                   |
| <b>Total</b>                                    | -                   | -                   |
| <b>Current (Unsecured, Considered good)</b>     |                     |                     |
| Advances to Staff                               | 41.95               | 57.00               |
| <b>Total</b>                                    | <b>41.95</b>        | <b>57.00</b>        |

7.1 The Company has not granted any loans to Directors and other related parties during the Current Year and Previous Year.

## NOTE 8: OTHER FINANCIAL ASSETS

(Rs. in Crore)

| Particulars   | As at 31.03.2023 |                 | As at 31.03.2022 |                 |
|---|------------------|-----------------|------------------|-----------------|
| <b>A. Non – Current</b>   |                  |                 |                  |                 |
| Deposit under Mine Closure Plan Scheme (Maturity > 12 Months)                                       |                  | 1,418.66        |                  | 1,176.18        |
| Deposit with LIC (GLBF)   |                  | 5,965.34        |                  | 5,231.11        |
| Security Deposits   |                  | 98.70           |                  | 106.02          |
| Bank Balances with Scheduled Banks (Maturity > 12 Months)   |                  | 801.29          |                  | -               |
| <b>Total (A)</b>  |                  | <b>8,283.99</b> |                  | <b>6,513.31</b> |
| <b>B. Current</b>   |                  |                 |                  |                 |
| Security Deposits   |                  | 200.74          |                  | 163.84          |
| Matured Bonds proceeds receivable   |                  | 200.00          |                  | -               |
| Interest Accrued On Investments - Securities  |                  | 310.46          |                  | 263.20          |
| Interest Accrued on Deposits  |                  | 0.14            |                  | 0.12            |
| Interest Accrued on Loans & Advances  |                  | 5.38            |                  | 4.09            |
| Government Grants Receivable  |                  | 192.63          |                  | 52.19           |
| Other Receivables Considered good - Rent, Water, Electricity and recoverables from Contractors etc. |                  | 337.33          |                  | 172.90          |
| Unbilled Revenue Receivable - STPP  |                  | -               |                  | 8.80            |
| Other receivables considered doubtful   | 15.45            | -               | 13.40            | -               |
| Less: Provision for bad and doubtful receivables  | (15.45)          | -               | (13.40)          | -               |
| <b>Total (B)</b>  |                  | <b>1,246.68</b> |                  | <b>665.14</b>   |

**8.1. i) Reconciliation of Escrow Account Balance**

(Rs. in Crore)

| Particulars   | As at 31.03.2023 | As at 31.03.2022 |
|---|------------------|------------------|
| <b>Balance in Escrow Account on Opening Date</b>    | <b>1,176.18</b>  | <b>1,031.53</b>  |
| Add: Deposits made during the Year                  | 208.86           | 124.43           |
| Add: Interest Credited (Net of TDS) during the year | 55.09            | 59.11            |
| Less: Amount withdrawn/released during the year     | 21.47            | 38.89            |
| <b>Balance in Escrow Account on Closing Date</b>    | <b>1,418.66</b>  | <b>1,176.18</b>  |

- ii) During the current year, an amount of Rs. 21.47 Crore is released by Coal Controller towards 50% of Progressive Mine closure claims and Interest accrued on MCP escrow deposits (Previous Year Rs.36.79 Crore). (Refer Note No: 22.3). Further, Escrow deposit of Rs.2.10 Crore pertaining to JK OC Mine is credited by the Banker due to auto maturity of fixed deposits during the year 2021-22. These maturity proceeds are deposited again into Escrow Account along with interest of Rs.0.18 Crore in FY 2022-23.
- 8.2. Deposit with LIC(GLBF) represents amount parked in Gratuity Liability Balancing Fund including accrued interest thereon. The Fund in this Deposit account would be utilised for depositing of contributions to Gratuity Trust Fund Account (GGT) with LIC and other employee benefits. As per the terms of the Scheme the Company can withdraw 25% of the opening balance of Deposit every year. Considering the specific nature of this deposit, the same has been classified and presented as Other Financial Assets (Non-Current).
- 8.3. Unbilled Revenue Receivable - STPP of Rs.8.80 Crore presented for the previous year above represents the loan restructuring costs of Rs.77.84 Crore incurred in connection with swapping of Term Loans in FY 2020-21 which are eligible for reimbursement from the TS DISCOMS in due course as reduced by the 2/3 of the savings in the interest cost on account of swapping of term loans to be passed on to the DISCOMS of Rs.69.04 Crore. These amounts have been regularized during the current year as per the Mid Term Review Order of Hon'ble TSERC Dated 23.03.2023 (Refer Note No.26.4 and Note No.31.II.1).
- 8.4. The Matured Bonds proceeds receivable presented above represents the balance of APPFC Power Bonds Matured on 18.07.2022 (Series 2/2012) of Rs.200.00 Crore, representing TSPFC share which is yet to be received and correspondence is being made for realization of this amount. Since these Bonds are backed by Sovereign Guarantee, the Company expects to realize the balance proceeds also in due course and hence no provision for Expected Credit Loss is recognized against the same. Further, due to maturity of Interest coupon period, no interest is recognized on the balance proceeds of Rs.200.00 Crore from the date of the Maturity. In case any interest is received, the same will be recognized as revenue (Refer Note No.6.4).
- 8.5. The Govt. Grants receivable (CCDAC and VGF) represents grant receivable from CCDAC towards various protective and infrastructure related works approved in the Minutes of CCDAC and VGF Grants receivable against setting up of Solar Plants from M/s.SECI. The second and final instalment of VGF Grant of Rs.27.00 Crore against the Solar Power Plants (Phase-II) received on 12.06.2023 have been recognized as receivable on Reporting Date and reduced from the corresponding value of the related Assets (Refer Note No.39.5.2A.5).



Notes to the consolidated financial statements for the year ended 31<sup>st</sup> March, 2023 (Contd...)

## NOTE 9: DEFERRED TAX ASSETS (NET)

(Rs. in Crore)

| Particulars |  | As at<br>31.03.2023 | As at<br>31.03.2022 |
|-------------|--|---------------------|---------------------|
| <b>(A)</b>  | <b>Deferred Tax Assets:</b>  |                     |                     |
|             | Backfilling, Water body & Mine Closure plan  | 275.97              | 755.82              |
|             | Gratuity   | 627.89              | 776.08              |
|             | Other Employee Benefits  | 683.79              | 586.25              |
|             | Overburden Removal   | 349.38              | 388.08              |
|             | Other Provisions   | 435.28              | 335.71              |
|             | <b>Total (A)</b>   | <b>2,372.31</b>     | <b>2,841.94</b>     |
| <b>(B)</b>  | <b>Deferred Tax Liabilities:</b>   |                     |                     |
|             | Fixed Assets- Excess of Net Book value over Written down value as per provisions of Income Tax Act | 996.72              | 1,011.01            |
|             | <b>Total (B)</b>   | <b>996.72</b>       | <b>1,011.01</b>     |
|             | <b>Deferred Tax Assets (NET) (A-B)</b>   | <b>1,375.59</b>     | <b>1,830.93</b>     |

## NOTE 10: OTHER NON CURRENT ASSETS

(Rs. in Crore)

| Particulars             | As at 31.03.2023 |                | As at 31.03.2022 |               |
|-------------------------|------------------|----------------|------------------|---------------|
| Capital Advances        |                  | 713.45         |                  | 448.91        |
| Deposits under Protest: |                  |                |                  |               |
| Indirect Taxes          | 185.34           |                | 119.62           |               |
| Direct Taxes            | 273.53           | 458.87         | 261.30           | 380.92        |
| <b>Total</b>            |                  | <b>1172.32</b> |                  | <b>829.83</b> |

- 10.1 Capital Advances represents Rs.449.51 Crore, of Advances paid to LA Authorities / Forest Depts. for acquisition of Land for which proceedings are in progress (Previous Year Rs.319.22 Crore). The balance amount represents the Advances paid to Railway/NHAI and other Govt. Depts. etc for execution of various Capital Projects.
- 10.2 Deposits under protest (Indirect Taxes) represent the deposits made with Commercial Taxes Dept. towards GST on Forest Permit Fee Rs.65.65 Crore (Previous Year Nil), Customs Rs.0.03 Crore (Previous Year Nil), Entry Tax of Rs.91.61 Crore (Previous Year Rs.91.61 Crore), Clean Energy Cess of Rs.10.00 Crore (Previous Year Rs.10.00 Crore), Service Tax on Forest Permit Fee of Rs.15.04 Crore (Previous Year Rs.15.04 Crore), VAT of Rs.1.43 Crore (Previous Year Rs.1.43 Crore), Central Excise Duty of Rs.0.66 Crore (Previous Year Rs.0.66 Crore), CST of Rs.0.02 Crore (Previous Year Rs.0.02 Crore) and AP GST Rs.0.77 Crore (Previous Year Rs.0.77 Crore) under protest against which assessment proceedings are in progress.
- 10.3 Deposits under protest (Direct Taxes) represent the deposits made with / refunds adjusted by the Income Tax Dept. against the appeals pending before the CIT(A), ITAT and Hon'ble High Court, proceedings of which are in progress.

Notes to the consolidated financial statements for the year ended 31<sup>st</sup> March, 2023 (Contd...)**NOTE 11: INVENTORIES**

(Rs. in Crore)

| Particulars |  | As at 31.03.2023 |                 | As at 31.03.2022 |                 |
|-------------|--|------------------|-----------------|------------------|-----------------|
| (i)         | Stores, Spares and Medicines   | 556.07           |                 | 545.96           |                 |
| (ii)        | Loose Tools  | 5.20             |                 | 4.71             |                 |
| (iii)       | Spares held for Sale   | 73.20            |                 | 74.22            |                 |
|             | <b>Sub-Total (i+ii+iii)</b>  | <b>634.47</b>    |                 | <b>624.89</b>    |                 |
|             | <b>Less: Provision for Obsolete, Non-Moving Stores &amp; Shortages and damages</b> | <b>(90.98)</b>   | <b>543.49</b>   | <b>(74.72)</b>   | <b>550.17</b>   |
| (iv)        | Finished Goods   |                  |                 |                  |                 |
|             | (a) Coal at Mines/CHPs   | 1,483.97         |                 | 865.77           |                 |
|             | (b) Coal at STPP   | 65.27            |                 | 44.69            |                 |
|             | <b>Sub-Total (iv.a+iv.b)</b>   | <b>1,549.24</b>  |                 | <b>910.46</b>    |                 |
|             | <b>Less: Provision for Grade deterioration</b>                                     | <b>(1.07)</b>    | <b>1,548.17</b> | <b>(4.61)</b>    | <b>905.85</b>   |
| (v)         | Work-in-progress   |                  | 3.41            |                  | 1.29            |
| (vi)        | Stores-In-Transit (SIT)  |                  | 11.36           |                  | 9.39            |
| (vii)       | Stock of Scrap   |                  | 0.22            |                  | 0.04            |
|             | <b>Total</b>   |                  | <b>2,106.65</b> |                  | <b>1,466.74</b> |

- 11.1 Inventories of Stores and Spares, Loose Tools/spares held for sale and Medicines are valued at Weighted Average Cost. The Finished Goods (Coal) are valued at Cost or NRV, whichever is less.
- 11.2 Finished Goods at Mines/CHPs include Washery Rejects of 1.16 LT identified as non-saleable owing to "NIL" grade and due to catching of fire at RKP and RGM Washeries. Pending write off of these non-saleable Washery Rejects, provision towards grade deterioration was recognised for Rs.1.07 Crore in FY 2019-20. (Previous Year 4.99 LT and provision of Rs.4.61 Crore)
- 11.3 Stock of coal at STPP is valued at the lower of Cost of Production of issuing Mines plus transportation costs and taxes or Net Realisable Value (Energy charges).
- 11.4 Finished Goods - Coal at STPP includes 7,645.84 Tonnes of Coal in transit at STPP as on 31.03.2023 valuing Rs.4.13 Crore. (PY 7,674.24 Tonnes valuing Rs. 3.29 Crore - Restated)
- 11.5 Out of the above Stock of Coal at Mines & CHPs, 25.19 LTs of Coal is valued at Net Realisable Value for Rs.805.87 Crore. (PY 11.33 LT valued for Rs.152.57 Crore (Restated)). Out of the Stock at STPP, 0.46 LT stock of Coal is valued at Net Realisable Value for an amount of Rs.23.39 Crore (PY 0.39 LT valued for Rs.16.48 Crore (Restated)).
- 11.6 Spares held for sale represents the Spares held for sale to the Outsourcing Contractor at Adriyala Longwall Project/Continuous Miner at GDK.10 Incline as per the Terms of the Service Contract.

**NOTE 12.A: TRADE RECEIVABLES (NON-CURRENT)**

(Rs. in Crore)

| Particulars                       | As at 31.03.2023 | As at 31.03.2022 |
|-----------------------------------|------------------|------------------|
| <b>Unsecured, considered good</b> |                  |                  |
| Power - Thermal                   | 483.74           | -                |
| <b>Total</b>                      | <b>483.74</b>    | <b>-</b>         |

- 12.A.1 The above represents the installments of Power Dues collectable from TSPCC after 12 months from the Reporting Date.



Notes to the consolidated financial statements for the year ended 31<sup>st</sup> March, 2023 (Contd...)

## 12A.2 Trade Receivables Ageing Schedule:

1. As at 31.03.2023:

(Rs. in Crore)

| Particulars  | Outstanding for following periods from due date of payment |                   |           |               |                   |               |
|--|--|-------------------|-----------|---------------|-------------------|---------------|
|  | Less than 6 months   | 6 months - 1 year | 1-2 years | 2-3 years     | More than 3 years | Total         |
| (i) Undisputed Trade receivables – Considered good                                 | -  | -                 | -         | 483.74        | -                 | 483.74        |
| (ii) Undisputed Trade receivables – Which have significant increase in Credit risk | -  | -                 | -         | -             | -                 | -             |
| (iii) Undisputed Trade Receivables – Credit Impaired                               | -  | -                 | -         | -             | -                 | -             |
| (iv) Disputed Trade Receivables - Considered good                                  | -  | -                 | -         | -             | -                 | -             |
| (v) Disputed Trade Receivables-Which have significant increase in Credit risk      | -  | -                 | -         | -             | -                 | -             |
| (vi) Disputed Trade Receivables-Credit Impaired                                    | -  | -                 | -         | -             | -                 | -             |
| <b>Total</b>   | -  | -                 | -         | <b>483.74</b> | -                 | <b>483.74</b> |
| Provision for Expected Credit Loss (ECL)   | -  | -                 | -         | -             | -                 | -             |
| <b>Total</b>   | -  | -                 | -         | <b>483.74</b> | -                 | <b>483.74</b> |
| Expected Credit Loss (%):  | -  | -                 | -         | -             | -                 | -             |



Notes to the consolidated financial statements for the year ended 31<sup>st</sup> March, 2023 (Contd...)

## 2. As at 31.03.2022:

(Rs. in Crore)

| Particulars  | Outstanding for following periods from due date of payment |                   |           |           |                   |       |
|--|--|-------------------|-----------|-----------|-------------------|-------|
|  | Less than 6 months   | 6 months - 1 year | 1-2 years | 2-3 years | More than 3 years | Total |
| (i) Undisputed Trade receivables – Considered good                                 | -  | -                 | -         | -         | -                 | -     |
| (ii) Undisputed Trade receivables – Which have significant increase in Credit risk | -  | -                 | -         | -         | -                 | -     |
| (iii) Undisputed Trade Receivables – Credit Impaired                               | -  | -                 | -         | -         | -                 | -     |
| (iv) Disputed Trade Receivables - Considered good                                  | -  | -                 | -         | -         | -                 | -     |
| (v) Disputed Trade Receivables-Which have significant increase in Credit risk      | -  | -                 | -         | -         | -                 | -     |
| (vi) Disputed Trade Receivables-Credit Impaired                                    | -  | -                 | -         | -         | -                 | -     |
| <b>Total</b>   | -  | -                 | -         | -         | -                 | -     |
| Provision for Expected Credit Loss (ECL)   | -  | -                 | -         | -         | -                 | -     |
| <b>Total</b>   | -  | -                 | -         | -         | -                 | -     |
| Expected Credit Loss (%):  | -  | -                 | -         | -         | -                 | -     |



Notes to the consolidated financial statements for the year ended 31<sup>st</sup> March, 2023 (Contd...)

## NOTE 12B: TRADE RECEIVABLES (CURRENT)

(Rs. in Crore)

| Particulars |   | As at 31.03.2023 |                  | As at 31.03.2022 |                  |
|-------------|---|------------------|------------------|------------------|------------------|
| <b>A.</b>   | <b>Secured, Considered Good</b>                 |                  |                  |                  |                  |
|             | a) Coal   |                  | 137.46           |                  | 170.26           |
| <b>B.</b>   | <b>Unsecured, considered good</b>               |                  |                  |                  |                  |
|             | a) Coal   | 3,037.12         |                  | 5,277.65         |                  |
|             | b) Power - Thermal                              | 11,000.87        |                  | 9,034.99         |                  |
|             | c) Services                                     | 0.58             |                  | 0.77             |                  |
|             | d) Banked units - Solar                         | 47.86            |                  | 29.10            |                  |
|             | e) Other Goods                                  | 5.07             | 14,091.50        | 6.93             | 14,349.44        |
| <b>C.</b>   | <b>Disputed - considered good</b>               |                  |                  |                  |                  |
|             | a) Coal   | -                |                  | -                |                  |
|             | b) Power - Thermal                              | 527.69           | 527.69           | 127.28           | 127.28           |
| <b>D.</b>   | <b>Credit Impaired</b>                          |                  |                  |                  |                  |
|             | a) Coal   | 95.63            |                  | 56.39            |                  |
|             | b) Power - Thermal                              | 161.50           |                  | 161.50           |                  |
|             | c) Services                                     | 0.39             |                  | -                |                  |
|             | d) Banked units - Solar                         | 0.64             | 258.16           | -                | 217.89           |
|             |   |                  | <b>15,014.81</b> |                  | <b>14,864.87</b> |
|             | <b>Less: Provision for Expected Credit Loss</b> |                  |                  |                  |                  |
|             | a) Coal   | 95.63            |                  | 56.39            |                  |
|             | b) Power - Thermal                              | 161.50           |                  | 161.50           |                  |
|             | c) Services                                     | 0.39             |                  | -                |                  |
|             | d) Banked units - Solar                         | 0.64             | 258.16           | -                | 217.89           |
|             | <b>Total</b>                                    |                  | <b>14,756.65</b> |                  | <b>14,646.98</b> |

- 12B.1 Dues from Customers (Coal) Unsecured, Considered Good shown above as on 31.03.2023 have been reduced by Rs.467.01 Crore towards provision against Variable Consideration payable to customers (i.e. Grade Variance in respect of disputed samples, sampling results accepted, sampling results awaited etc.) (Previous Year Rs.88.29 Crore).
- 12B.2 During the year, against the Coal and Power dues, M/s. TSGENCO, M/s. APGENCO and M/s. TSTRANSCO have issued Bills Receivable for an amount of Rs.5,850.24 Crore, which were discounted with Banks (SBI/HDFC/IDBI/UBI) (Previous Year Rs.4,104.96 Crore). As per the covenants of the Bills discounting arrangements, the Company has to indemnify the Bankers in case of dishonour of the Bills of Exchange by M/s TSGENCO, M/s APGENCO and M/s. TSTRANSCO on the respective due dates. The dues from Coal/Power Customers presented above are net of the bill discounting proceeds of Rs.3,896.86 Crore in respect of Bills receivable not matured on the Reporting Date (Previous Year Rs.3,252.33 Crore) (Refer Note No:39.4.D.1).
- 12B.3 The Trade receivables - Power presented above are reduced by the provision towards reduction in fixed cost element of tariff of Rs.183.58 Crore as per the Mid Term Review Order of Hon'ble TSERC covering the period upto 31.03.2023 (Previous Year NIL).
- 12B.4 Trade receivables - disputed - considered good includes the bills raised by the Company towards cost of Coal and MOU premium disputed by TSDISCOMs on which clarificatory petition filed by the Company and petition filed by TSDISCOMs respectively are pending before Hon'ble TSERC (Refer Note No.26.5 and 26.6).

Notes to the consolidated financial statements for the year ended 31<sup>st</sup> March, 2023 (Contd...)**12B.5: TRADE RECEIVABLES AGEING SCHEDULE:**

1. As at 31.03.2023:

(Rs. in Crore)

| Particulars  | Outstanding for following periods from due date of payment |                   |                 |                 |                              |                 |               |                  |
|--|--|-------------------|-----------------|-----------------|------------------------------|-----------------|---------------|------------------|
|  | Less than 6 months   | 6 months - 1 year | 1-2 years       | 2-3 years       | More than 3 years            | Not Due         | Unbilled      | Total            |
| (i) Undisputed Trade receivables – Considered good                                 | 4,660.27   | 1,969.37          | 3,708.63        | 2,372.55        | 3.85                         | 1,177.48        | 336.81        | 14,228.96        |
| (ii) Undisputed Trade receivables – Which have significant increase in Credit risk | -  | -                 | -               | -               | -                            | -               | -             | -                |
| (iii) Undisputed Trade Receivables – Credit Impaired                               | -  | 0.55              | 0.09            | -               | 161.89                       | -               | -             | 162.53           |
| (iv) Disputed Trade Receivables - Considered good                                  | 153.96   | 150.24            | 103.74          | 119.75          | -                            | -               | -             | 527.69           |
| (v) Disputed Trade Receivables- Which have significant increase in Credit risk     | -  | -                 | -               | -               | -                            | -               | -             | -                |
| (vi) Disputed Trade Receivables- Credit Impaired                                   | -  | -                 | -               | -               | 95.63                        | -               | -             | 95.63            |
| <b>Total</b>   | <b>4,814.23</b>  | <b>2,120.16</b>   | <b>3,812.46</b> | <b>2,492.30</b> | <b>261.37</b>                | <b>1,177.48</b> | <b>336.81</b> | <b>15,014.81</b> |
| Provision for Expected Credit Loss (ECL)   | -  | 0.55              | 0.09            | -               | 257.52                       | -               | -             | 258.16           |
| <b>Total</b>   | <b>4,814.23</b>  | <b>2,119.61</b>   | <b>3,812.37</b> | <b>2,492.30</b> | <b>3.85</b>                  | <b>1,177.48</b> | <b>336.81</b> | <b>14,756.65</b> |
| Expected Credit Loss (%):  | -  | -                 | -               | -               | 100% on credit impaired dues | -               | -             | 1.72%            |



Notes to the consolidated financial statements for the year ended 31<sup>st</sup> March, 2023 (Contd...)

2. As at 31.03.2022:

(Rs. in Crore)

| Particulars  | Outstanding for following periods from due date of payment |                   |                 |                 |                              |                 |               |                  |
|--|--|-------------------|-----------------|-----------------|------------------------------|-----------------|---------------|------------------|
|  | Less than 6 months   | 6 months - 1 year | 1-2 years       | 2-3 years       | More than 3 years            | Not Due         | Unbilled      | Total            |
| (i) Undisputed Trade receivables – Considered good                                 | 3,790.78   | 4,093.20          | 4,041.84        | 1,095.43        | 95.07                        | 1,003.11        | 383.89        | 14,503.32        |
| (ii) Undisputed Trade receivables – Which have significant increase in Credit risk | -  | -                 | -               | -               | -                            | -               | -             | -                |
| (iii) Undisputed Trade Receivables – Credit Impaired                               | -  | -                 | -               | -               | -                            | -               | -             | -                |
| (iv) Disputed Trade Receivables - Considered good                                  | -  | 1.03              | 15.19           | 0.16            | -                            | -               | -             | 16.38            |
| (v) Disputed Trade Receivables- Which have significant increase in Credit risk     | -  | -                 | -               | 127.28          | -                            | -               | -             | 127.28           |
| (vi) Disputed Trade Receivables- Credit Impaired                                   | -  | -                 | -               | -               | 217.89                       | -               | -             | 217.89           |
| <b>Total</b>   | <b>3,790.78</b>  | <b>4,094.23</b>   | <b>4,057.03</b> | <b>1,222.87</b> | <b>312.96</b>                | <b>1,003.11</b> | <b>383.89</b> | <b>14,864.87</b> |
| Provision for Expected Credit Loss (ECL)   | -  | -                 | -               | -               | 217.89                       | -               | -             | 217.89           |
| <b>Total</b>   | <b>3,790.78</b>  | <b>4,094.23</b>   | <b>4,057.03</b> | <b>1,222.87</b> | <b>95.07</b>                 | <b>1,003.11</b> | <b>383.89</b> | <b>14,646.98</b> |
| Expected Credit Loss (%):  | -  | -                 | -               | -               | 100% on credit impaired dues | -               | -             | 1.47%            |

Notes to the consolidated financial statements for the year ended 31<sup>st</sup> March, 2023 (Contd...)**NOTE 13: CASH AND CASH EQUIVALENTS**

(Rs. in Crore)

| Particulars   | As at 31.03.2023 |               | As at 31.03.2022 |               |
|---|------------------|---------------|------------------|---------------|
| Cash on hand  |                  | 0.12          |                  | 0.30          |
| <b>Balances with Banks:</b>                           |                  |               |                  |               |
| – In Deposit Account (Maturity < 3 Months)            | 800.87           |               | 29.07            |               |
| – In Current Accounts                                 | 4.32             |               | 11.69            |               |
| – Debit balance in Cash Credit and Overdraft accounts | 124.53           | 929.72        | 432.08           | 472.84        |
| <b>Total</b>  |                  | <b>929.84</b> |                  | <b>473.14</b> |

**NOTE 14: OTHER BANK BALANCES**

(Rs. in Crore)

| Particulars  | As at 31.03.2023 |               | As at 31.03.2022 |              |
|--|------------------|---------------|------------------|--------------|
| <b>Earmarked Balances:</b>   |                  |               |                  |              |
| – Unpaid Dividend Accounts   |                  | 0.01          |                  | 0.01         |
| – Fixed Deposits (Maturity >3 & < 12 Months) including Margin Money Deposits |                  | 448.32        |                  | 30.59        |
| – Fly Ash Utilisation Reserve Fund Account                                   |                  | 41.98         |                  | 21.53        |
| – Unspent CSR Bank Accounts (Ongoing Projects)                               |                  | 37.83         |                  | 25.69        |
| – Deposits - Fly Ash Utilization Proceeds                                    |                  | 10.39         |                  | -            |
| <b>Total</b>   |                  | <b>538.53</b> |                  | <b>77.82</b> |

- 14.1 Balance with Banks includes unclaimed dividend of Rs.91,513.53 (Previous Year Rs. 1,30,312.00)
- 14.2 Out of the above Fixed Deposits, Fixed deposit for an amount of Rs.13.57 Crore were pledged with SBI, Commercial Branch-Hyderabad as margin money for obtaining Letter of credit of Rs.5.37 Crore on M/s.TS TRANSCO for the purpose of synchronisation of Solar Power Plants and Bank Guarantees of Rs.8.20 Crore to SECI, New Delhi (Rs.4.72 Crore valid up to 09.10.2023 and Rs. 3.48 Crore valid up to 31.12.2023).
- 14.3 Fly Ash Utilisation Reserve Fund represents the proceeds from Sale of Fly Ash parked in separate Bank Account for meeting the expenditure on development of infrastructure facilities, promotion and facilitation activities for use of Fly Ash as per the Accounting policy No: 2.2.1.F(i).
- 14.4 Securities by way of deposits in the form of fixed deposit receipts etc., received from the Contractors / Suppliers etc., are kept in the Company's custody and not accounted for amounted to Rs.45.29 Crore as on 31.03.2023 (Previous Year Rs.45.13 Crore).
- 14.5 Unspent CSR Bank Accounts represents the unspent amounts of the ongoing projects sanctioned in FY 2019-20, 2020-21 and 2021-22 deposited in separate Bank Account in pursuance of the provisions of Section 135 (6) of the Companies Act, 2013.

**NOTE 15: CURRENT TAX ASSETS (NET)**

(Rs. in Crore)

| Particulars                          | As at 31.03.2023 |              | As at 31.03.2022 |              |
|--------------------------------------|------------------|--------------|------------------|--------------|
| Advance tax paid Including TDS & TCS |                  | 1,357.68     |                  | 1,494.31     |
| Less: Provision for Income Tax       |                  | 1,334.82     |                  | 1,465.68     |
| <b>Total</b>                         |                  | <b>22.86</b> |                  | <b>28.63</b> |



Notes to the consolidated financial statements for the year ended 31<sup>st</sup> March, 2023 (Contd...)

## NOTE 16: OTHER CURRENT ASSETS

(Rs. in Crore)

|        | Particulars  | As at 31.03.2023 |                 | As at 31.03.2022 |                 |
|--------|--|------------------|-----------------|------------------|-----------------|
| (i)    | Advances Against Purchases, Services & others                        |                  | 262.23          |                  | 228.23          |
| (ii)   | Considered Doubtful - Advances against purchases & services          | 18.80            |                 | 14.71            |                 |
|        | Less: Provision for Bad & Doubtful Advances                          | (18.80)          | -               | (14.71)          | -               |
| (iii)  | Prepaid Expenses   |                  | 32.73           |                  | 17.15           |
| (iv)   | GST( ITC) Receivable   |                  | 906.76          |                  | 801.64          |
| (v)    | Taxes against Purchases & Others-Doubtful                            | 7.70             |                 | -                |                 |
|        | <b>Less:</b> Provision for Taxes against Purchases & Others-doubtful | (7.70)           | -               | -                | -               |
| (vi)   | Advance Payment of GST (Cess & TDS)                                  |                  | -               |                  | 40.00           |
| (vii)  | Advance Payment of Royalty and Forest Permit Fee                     |                  | 617.48          |                  | -               |
| (viii) | Refunds Due from Tax Authorities                                     |                  | 78.61           |                  | 64.63           |
|        | <b>Total</b>   |                  | <b>1,897.81</b> |                  | <b>1,151.65</b> |

- 16.1 GST (ITC) Receivable represents accumulated ITC Credit. This accumulation is mainly due to inverted duty structure. As per the present GST Provisions, the accumulated credit can be utilized for payment of Output Tax only and cannot be claimed as refund.
- 16.2 Refunds due from Tax Authorities represent refunds of Rs.72.41 Crore claimed from Dept. towards GST paid on Royalty under RCM (Previous Year Rs. 55.31 Crore) against which the proceedings are in process. Further, the balance amount of Rs.6.20 Crore represent the Pre-GST Taxes viz. VAT Rs. 2.54 Crore, Excise Duty and Cess Rs. 3.66 Crore, for which Appeals are pending for disposal (Previous Year Rs.9.32 Crore).
- 16.3 Royalty of Rs. 612.68 crore and Forest Permit Fee of Rs.4.80 Crore was paid in advance to TS Government out of the proceeds collected from TSGENCO. This amount is adjusted subsequently against the Coal dispatches (Previous Year NIL).

## NOTE 17: EQUITY SHARE CAPITAL

(Rs. in Crore)

| Particulars   | As at 31.03.2023 | As at 31.03.2022 |
|---|------------------|------------------|
| <b>AUTHORIZED</b>   |                  |                  |
| 180,00,00,000 Equity Shares of Rs.10/- each (Previous Year - 180,00,00,000 Equity Shares of Rs.10/- each)                               | 1,800.00         | 1,800.00         |
| <b>ISSUED, SUBSCRIBED AND PAID-UP</b>   |                  |                  |
| 173,31,98,119 Equity Shares of Rs.10/- each fully paid up (Previous Year - 173,31,98,119 Equity Shares of Rs.10/- each - fully paid up) | 1,733.20         | 1,733.20         |
| <b>Total</b>  | <b>1,733.20</b>  | <b>1,733.20</b>  |

The Company has only one class of shares i.e. Equity Shares having par value of Rs.10/- each

Notes to the consolidated financial statements for the year ended 31<sup>st</sup> March, 2023 (Contd...)

As at 31.03.2023

(Rs. in Crore)

| Particulars   | Balance as at 01.04.2022 | Changes in Equity Share Capital due to prior period errors | Restated Balance as at 01.04.2022 | Changes in Equity Share Capital during the current year | Balance as at 31.03.2023 |
|---------------|--------------------------|--|-----------------------------------|---|--------------------------|
| Equity Shares | 1,733.20                 | -  | 1,733.20                          | -   | 1,733.20                 |

As at 31<sup>st</sup> March 2022

(Rs. in Crore)

| Particulars   | Balance as at 01.04.2021 | Changes in Equity Share Capital due to prior period errors | Restated Balance as at 01.04.2021 | Changes in Equity Share Capital during the current year | Balance as at 31.03.2022 |
|---------------|--------------------------|--|-----------------------------------|---|--------------------------|
| Equity Shares | 1,733.20                 | -  | 1,733.20                          | -   | 1,733.20                 |

The details of Shareholders holding More than 5%:

| Name of the Shareholder       | As at 31.03.2023 |        | As at 31.03.2022 |        |
|-------------------------------|------------------|--------|------------------|--------|
|                               | No. of Shares    | % Held | No. of Shares    | % Held |
| Hon'ble Governor of Telangana | 88,55,99,147     | 51.096 | 88,55,99,147     | 51.096 |
| Hon'ble President of India    | 84,75,60,000     | 48.902 | 84,75,60,000     | 48.902 |

**17.1: RECONCILIATION OF EQUITY SHARES**

(Rs. in Crore)

| Particulars                                      | As at 31.03.2023      |                       | As at 31.03.2022      |                       |
|--|-----------------------|-----------------------|-----------------------|-----------------------|
|  | No. of Shares         | Amount (Rs. in Crore) | No. of Shares         | Amount (Rs. in Crore) |
| Shares outstanding at the beginning of the year  | 1,73,31,98,119        | 1,733.20              | 1,73,31,98,119        | 1,733.20              |
| Shares issued during the year                    | -                     | -                     | -                     | -                     |
| Shares bought back during the year               | -                     | -                     | -                     | -                     |
| <b>Shares outstanding at the end of the year</b> | <b>1,73,31,98,119</b> | <b>1,733.20</b>       | <b>1,73,31,98,119</b> | <b>1,733.20</b>       |

**17.2: DISCLOSURE OF SHARE HOLDING OF PROMOTERS**

(Rs. in Crore)

| Name of the Promoter          | As at 31.03.2023      |                |                          | As at 31.03.2022      |                |                          |
|-------------------------------|-----------------------|----------------|--------------------------|-----------------------|----------------|--------------------------|
|                               | No. of Shares         | % of Holding   | % change during the year | No. of Shares         | % of Holding   | % change during the year |
| Hon'ble Governor of Telangana | 88,55,99,147          | 51.0962        | -                        | 88,55,99,147          | 51.0962        | -                        |
| Hon'ble President of India    | 84,75,60,000          | 48.9015        | -                        | 84,75,60,000          | 48.9015        | -                        |
| <b>Total</b>                  | <b>1,73,31,98,119</b> | <b>99.9977</b> | <b>-</b>                 | <b>1,73,31,98,119</b> | <b>99.9977</b> | <b>-</b>                 |



Notes to the consolidated financial statements for the year ended 31<sup>st</sup> March, 2023 (Contd...)

## NOTE 18A: OTHER EQUITY

### (1) Current Year

(Rs. in Crore)

| Particulars                                       | Fly Ash Utilisation Reserve | General Reserve | Retained Earnings | Remeasurement of defined benefits plans (Net of Tax) - (OCI) | Total           | Non controlling interests |
|---|-----------------------------|-----------------|-------------------|--|-----------------|---------------------------|
| <b>Balance as on 01.04.2022</b>                   | <b>18.89</b>                | <b>1860.40</b>  | <b>6683.97</b>    | <b>(439.61)</b>  | <b>8123.65</b>  | <b>8.29</b>               |
| Profit for the Year 2022-23                       | -                           | -               | 2598.48           | -  | 2598.48         |                           |
| Other Comprehensive Income (net of tax)           | -                           | -               | -                 | (375.26)   | (375.26)        |                           |
| Dividends paid for 2021-22                        | -                           | -               | (129.99)          | -  | (129.99)        |                           |
| Transfer (from)/to Retained Earnings              | -                           | 100.00          | (100.00)          | -  | -               |                           |
| Addition during the year                          | 29.24                       | -               | -                 | -  | 29.24           | 0.17                      |
| Fly Ash Reserve Utilization (Capital Expenditure) | -                           | -               | -                 | -  | -               |                           |
| <b>Balance as on 31.03.2023</b>                   | <b>48.13</b>                | <b>1960.40</b>  | <b>9052.46</b>    | <b>(814.87)</b>  | <b>10246.12</b> | <b>8.46</b>               |

### (2) Previous Year

(Rs. in Crore)

| Particulars  | Fly Ash Utilisation Reserve | General Reserve | Retained Earnings | Remeasurement of defined benefits plans (Net of Tax) - (OCI) | Total           | Non controlling interests |
|--|-----------------------------|-----------------|-------------------|--|-----------------|---------------------------|
| <b>Balance as on 01.04.2021</b>                                      | <b>8.93</b>                 | <b>1,760.40</b> | <b>5,585.55</b>   | <b>(403.19)</b>  | <b>6,951.69</b> | <b>8.45</b>               |
| Adjustments for Prior Period Errors (net of Deferred Tax)            | -                           | -               | (73.41)           | -  | (73.41)         |                           |
| Adjustments for changes in Accounting Policies (net of Deferred Tax) | -                           | -               | 129.57            | -  | 129.57          |                           |
| <b>Restated Balance as on 01.04.2021</b>                             | <b>8.93</b>                 | <b>1,760.40</b> | <b>5,641.71</b>   | <b>(403.19)</b>  | <b>7,007.85</b> | <b>8.45</b>               |
| Profit for the Year 2021-22 (Restated)                               | -                           | -               | 1,228.92          | -  | 1,228.92        |                           |
| Other Comprehensive Income (net of tax) (Restated)                   | -                           | -               | -                 | (36.42)  | (36.42)         |                           |
| Dividends paid for 2020-21 (including dividend distribution tax)     | -                           | -               | (86.66)           | -  | (86.66)         |                           |
| Transfer to/(from) retained earnings                                 | -                           | 100.00          | (100.00)          | -  | -               |                           |
| Addition during the year   | 9.96                        | -               | -                 | -  | 9.96            | (0.16)                    |
| Fly Ash Reserve Utilization (Capital Expenditure)                    | -                           | -               | -                 | -  | -               |                           |
| <b>Restated Balance as on 31.03.2022</b>                             | <b>18.89</b>                | <b>1,860.40</b> | <b>6,683.97</b>   | <b>(439.61)</b>  | <b>8,123.65</b> | <b>8.29</b>               |





Notes to the consolidated financial statements for the year ended 31<sup>st</sup> March, 2023 (Contd...)

**General Reserve:** This is used from time to time to transfer profits from the Retained Earnings for appropriation purposes.

**Fly Ash Utilization Reserve:** This represents the proceeds from sale of Fly Ash and interest accrued on the fixed deposits made out of the proceeds of Fly Ash Sale. This reserve can be used for the development works as per MoEF guidelines.

**Retained Earnings:** This represents the accumulated Retained Earnings by the Company over the years. This reserve can be utilized for payment of dividend and other purposes in accordance with the provisions of the Companies Act, 2013.

**Remeasurement of Defined Benefits Plans (Net of Tax) (OCI):** This represents the accumulated change in the actuarial liabilities of the respective employee defined benefit plans due to changes in the Actuarial assumptions and experience adjustments net of Taxes.

## NOTE 18B. NON CONTROLLING INTEREST

(Rs. in Crore)

| Particulars   | As at<br>31.03.2022 | Additions   | Deductions | As at<br>31.03.2023 |
|---|---------------------|-------------|------------|---------------------|
| Share Capital of M/s APHMEL Ltd   | 17.27               | -           | -          | 17.27               |
| (31,88,593 Equity shares - Share capital plus<br>General Reserve held by minority shareholders) |                     | -           | -          | -                   |
| Capital Profits upto date of acquisition of 81.54%<br>holding                                   | (29.36)             | -           | -          | (29.36)             |
| Cumulative Revenue Profits from date of acquisition<br>till date                                | 52.43               | 3.53        | -          | 55.96               |
| Add : Unrealized (Profit)/ Loss upto date on Consolidation                                      | 4.53                | (2.61)      | -          | 1.92                |
| <b>Total</b>  | <b>44.87</b>        | <b>0.92</b> | <b>-</b>   | <b>45.79</b>        |
| Less: The SCC Ltd- share @ 81.54%   | 36.58               | 0.75        | -          | 37.33               |
| <b>Non Controlling Interest</b>   | <b>8.29</b>         | <b>0.17</b> | <b>-</b>   | <b>8.46</b>         |

## NOTE 19A: BORROWINGS: (NON - CURRENT)

(Rs. in Crore)

| Particulars  | As at<br>31.03.2023 | As at<br>31.03.2022 |
|--|---------------------|---------------------|
| <b>Term Loans - From Banks</b>   |                     |                     |
| <b>Secured:</b>  |                     |                     |
| <b>1 From State Bank of India</b><br>(Rs 2964.40 Crore Less current maturities of Rs 331.68 Crore and<br>principle paid Rs 902.95 Crore) | 1,729.77            | 2,062.30            |
| <b>2 From ICICI Bank</b><br>(Rs 981.73 Crore Less current maturities of Rs 119.00 Crore and principle<br>paid Rs 267.74 Crore)           | 594.99              | 713.99              |
| <b>3 From Bank of Baroda</b><br>(Out of the sanctioned Loan Rs.487.55 Crore, loan drawn is Rs.45.15 Crore)                               | 45.15               | -                   |
| <b>Total</b>   | <b>2,369.91</b>     | <b>2,776.29</b>     |



Notes to the consolidated financial statements for the year ended 31<sup>st</sup> March, 2023 (Contd...)

## NOTE 19B: BORROWINGS: (CURRENT)

(Rs. in Crore)

| Particulars        |   | As at 31.03.2023 |               | As at 31.03.2022 |                 |
|--------------------|---|------------------|---------------|------------------|-----------------|
| <b>I. Secured:</b> |   |                  |               |                  |                 |
| <b>1</b>           | <b>Current Maturities of Long-Term Debt</b> |                  |               |                  |                 |
|                    | SBI - Term Loan                             | 331.68           |               | 331.68           |                 |
|                    | ICICI Bank - Term Loan                      | 119.00           |               | 119.00           |                 |
|                    | SBI - Solar Power Plants                    | -                | 450.68        | 475.62           | 926.30          |
| <b>2</b>           | <b>Loans payable on demand - from Banks</b> |                  |               |                  |                 |
|                    | Cash Credit                                 | 4.35             |               | 11.45            |                 |
|                    | Working Capital Loans from Banks            | -                | 4.35          | 425.51           | 436.96          |
|                    | <b>Total</b>                                |                  | <b>455.03</b> |                  | <b>1,363.26</b> |

- 19A.1 Loan from SBI is secured by Hypothecation of Project Assets by way of first pari-passu charge on both present and future including Equitable mortgage of Project Land. The outstanding loan amount of Rs 2,061.45 Crore as on 31.03.2023 is repayable in 24 quarterly instalments of Rs.82.92 Crore each and 1 instalment of Rs 71.37 Crore. Rate of Interest payable on this loan is 8.20% p.a.
- 19A.2 Loan from ICICI Bank is secured by first pari-passu charge on movable and immovable assets of STPP (both present and future) along with other lenders. The Outstanding loan amount of Rs. 713.99 Crore as on 31.03.2023 is repayable in 24 quarterly instalments of Rs.29.75 Crore each. Rate of Interest payable on this loan is 8.63% p.a.
- 19A.3 During the year, an amount of Rs.487.55 Crore is sanctioned by Bank of Baroda for installation of FGD system at 2x600 MW Power Plant (STPP). The loan is secured by second charge on the STPP assets (2x600 MW plant). The loan amount is repayable in 48 quarterly instalments of Rs.10.16 Crore each commencing from 30.09.2024. An amount of Rs.45.16 Crore was drawn during the year. The applicable rate of interest is 1 Year SBI MCLR with annual reset (7.20% as on 31.03.2023).
- 19B.1 Cash Credit - Secured by first charge in favour of participating banks ranking pari-passu on the Stocks & Receivables and Other Current Assets.

## NOTE 20: TRADE PAYABLES (CURRENT)

(Rs. in Crore)

| Particulars |   | As at 31.03.2023 |                | As at 31.03.2022 |                |
|-------------|---|------------------|----------------|------------------|----------------|
| 1.          | Dues to Micro Enterprises and Small Enterprises |                  | 11.94          |                  | 18.35          |
| 2.          | Dues to Others                                  |                  | 1,210.76       |                  | 994.29         |
|             | <b>Total</b>                                    |                  | <b>1222.70</b> |                  | <b>1012.64</b> |

Notes to the consolidated financial statements for the year ended 31<sup>st</sup> March, 2023 (Contd...)**Trade Payables Ageing Schedule:****a) As on 31.03.2023**

(Rs. in Crore)

| Particulars              | Outstanding for following periods from due date of payment |              |              |                   |               |               | Total           |
|--------------------------|--|--------------|--------------|-------------------|---------------|---------------|-----------------|
|                          | Less than 1 year   | 1-2 years    | 2-3 years    | More than 3 years | Unbilled      | Not Due       |                 |
| i) MSME                  | 2.34   | -            | -            | -                 | 1.18          | 8.42          | 11.94           |
| ii) Others               | 120.38   | 6.15         | 2.81         | 3.57              | 208.32        | 745.48        | 1,086.71        |
| iii) Disputed Dues-MSME  | -  | -            | -            | -                 | -             | -             | -               |
| iv) Disputed Dues-Others | 1.14   | 10.18        | 19.12        | 79.80             | 9.49          | 4.32          | 124.05          |
| <b>Total</b>             | <b>123.86</b>  | <b>16.33</b> | <b>21.93</b> | <b>83.37</b>      | <b>218.99</b> | <b>758.22</b> | <b>1,222.70</b> |

**b) As on 31.03.2022**

(Rs. in Crore)

| Particulars              | Outstanding for following periods from due date of payment |             |             |                   |               |               | Total           |
|--------------------------|--|-------------|-------------|-------------------|---------------|---------------|-----------------|
|                          | Less than 1 year   | 1-2 years   | 2-3 years   | More than 3 years | Unbilled      | Not Due       |                 |
| i) MSME                  | 1.20   | -           | -           | -                 | 3.67          | 13.47         | 18.34           |
| ii) Others               | 43.95  | 6.09        | 5.95        | 1.48              | 377.11        | 455.77        | 890.35          |
| iii) Disputed Dues- MSME | 0.01   | -           | -           | -                 | -             | -             | 0.01            |
| iv) Disputed Dues-Others | 0.87   | -           | 1.01        | 79.24             | 22.82         | -             | 103.94          |
| <b>Total</b>             | <b>46.03</b>   | <b>6.09</b> | <b>6.96</b> | <b>80.72</b>      | <b>403.60</b> | <b>469.24</b> | <b>1,012.64</b> |

**NOTE 21: FINANCIAL LIABILITIES****21.A: LEASE LIABILITIES**

(Rs. in Crore)

| Particulars             | As at 31.03.2023 | As at 31.03.2022 |
|-------------------------|------------------|------------------|
| <b>1. Non Current :</b> |                  |                  |
| Lease Liabilities       | 4.40             | 9.39             |
| <b>Total</b>            | <b>4.40</b>      | <b>9.39</b>      |
| <b>2. Current:</b>      |                  |                  |
| Lease Liabilities       | 11.46            | 7.35             |
| <b>Total</b>            | <b>11.46</b>     | <b>7.35</b>      |

**21.B.1 OTHER FINANCIAL LIABILITIES: (NON-CURRENT)**

(Rs. in Crore)

| Particulars                    | As at 31.03.2023 | As at 31.03.2022 |
|--------------------------------|------------------|------------------|
| Deposits from Coal Customers   | 128.60           | 177.65           |
| Deposits from Vendors & Others | 119.39           | 126.51           |
| <b>Total</b>                   | <b>247.99</b>    | <b>304.16</b>    |



Notes to the consolidated financial statements for the year ended 31<sup>st</sup> March, 2023 (Contd...)

## 21.B.2. OTHER FINANCIAL LIABILITIES: (CURRENT)

(Rs. in Crore)

| Particulars  |  | As at 31.03.2023 |               | As at 31.03.2022 |                 |
|--------------|--|------------------|---------------|------------------|-----------------|
| i)           | Salaries & Wages Payable                   |                  | 249.37        |                  | 278.10          |
| ii)          | Creditors for Capital Expenditure          |                  | 343.64        |                  | 589.31          |
| iii)         | Interest accrued but not due on Borrowings |                  | 0.01          |                  | -               |
| iv)          | Unclaimed Dividends                        |                  | 0.01          |                  | 0.01            |
| v)           | Deposits from Vendors & Other Customers    |                  | 125.69        |                  | 112.88          |
| vi)          | Deposits from Coal customers               |                  | 14.62         |                  | -               |
| vii)         | Other Payables:                            |                  |               |                  |                 |
|              | a) Deposits from Others                    | 3.42             |               | 3.13             |                 |
|              | b) Overdraft in Current Account            | 9.92             |               | 0.46             |                 |
|              | c) Other Liabilities                       | 101.31           | 114.65        | 87.01            | 90.60           |
| <b>Total</b> |  |                  | <b>847.99</b> |                  | <b>1,070.90</b> |

21.B.2.1 Creditors for Capital Expenditure include dues against Capital procurement from Micro Enterprises and Small Enterprises of Rs.3.54 Crore (Previous Year Rs.6.36 Crore)

## NOTE 22: PROVISIONS

(Rs. in Crore)

| Particulars |  | As at 31.03.2023 |                  | As at 31.03.2022 |                  |
|-------------|--|------------------|------------------|------------------|------------------|
| <b>1.</b>   | <b>Non - Current</b>   |                  |                  |                  |                  |
|             | <b>(a) Provision for Employee Benefits:</b>                                    |                  |                  |                  |                  |
|             | Gratuity (to the extent unfunded)  | 2,924.32         |                  | 3,312.69         |                  |
|             | Leave Encashment (Vesting)   | 687.70           |                  | 558.68           |                  |
|             | Leave Entitlement (Non-vesting)  | 191.56           |                  | 171.43           |                  |
|             | MMC & LPE  | 167.44           |                  | 105.51           |                  |
|             | Settling-in- Allowance   | 97.56            |                  | 64.85            |                  |
|             | Leave Travel Concession  | 61.64            |                  | 46.99            |                  |
|             | Post Superannuation Medicare Benefit   |                  |                  |                  |                  |
|             | - Executives - CPRMS(E)  | 236.82           |                  | 211.06           |                  |
|             | - Non-Executives (CPRMS-NE)  | 637.50           | 5,004.54         | 557.99           | 5,029.20         |
|             | <b>(b) Others</b>  |                  |                  |                  |                  |
|             | Overburden Removal Adjustment  |                  |                  |                  |                  |
|             | Net of Advance Action Rs.648.54 Crore (PY Rs.530.97 Crore)                     | 7,059.58         |                  | 4,383.57         |                  |
|             | Final Void Maintenance (Back Filling)  | 12,234.80        |                  | 10,314.03        |                  |
|             | Final Void Maintenance (Water Body)  | 5,547.38         |                  | 4,579.32         |                  |
|             | Mine Closure (Net of PMCP receivables of Rs. 282.06 Crore (PY Rs.227.28 Crore) | 1,335.59         |                  | 1,306.71         |                  |
|             | Remedial Action Plan (EC)  | 80.36            |                  | 87.81            |                  |
|             | Provision for CER/PH for expansion of Mines                                    | 15.95            | 26,273.66        | -                | 20,671.44        |
|             | <b>Total – Non Current</b>   |                  | <b>31,278.20</b> |                  | <b>25,700.64</b> |

Notes to the consolidated financial statements for the year ended 31<sup>st</sup> March, 2023 (Contd...)

| Particulars        |  | As at 31.03.2023 |                 | As at 31.03.2022 |                 |
|--------------------|--|------------------|-----------------|------------------|-----------------|
| <b>2. Current:</b> |  |                  |                 |                  |                 |
|                    | <b>Provision for employee benefits:</b>      |                  |                 |                  |                 |
|                    | Gratuity (unfunded)                          |                  | 1.78            |                  | 1.82            |
|                    | Leave Encashment (Vesting)                   |                  | 120.36          |                  | 114.93          |
|                    | MMC & LPE                                    |                  | 29.79           |                  | 35.55           |
|                    | Superannuation Benefit                       |                  | 384.79          |                  | 396.01          |
|                    | Post Superannuation Medicare Benefit         |                  |                 |                  |                 |
|                    | - Executives - CPRMS(E)                      | 17.12            |                 | 16.42            |                 |
|                    | - Non-Executives (CPRMS-(NE))                | 28.47            | 45.59           | 44.59            | 61.01           |
|                    | Settling-in- Allowance                       |                  | 7.25            |                  | 4.95            |
|                    | Leave Travel Concession                      |                  | 21.62           |                  | 19.32           |
|                    | Performance Related Pay (Executives)         |                  | 238.82          |                  | 201.24          |
|                    | PLB/PLR (Ex-gratia)                          |                  | 315.32          |                  | 297.53          |
|                    | Corporate Special Incentive                  |                  | 666.74          |                  | 355.84          |
|                    | Interest Subsidy (HBLRIS)                    |                  | 21.76           |                  | 21.52           |
|                    | Provision of PRC Arrears (NCWA-XI)           |                  | 1,566.31        |                  | 434.42          |
|                    | <b>Other Current Provisions:</b>             |                  |                 |                  |                 |
|                    | Provision for Environment Compensation - NGT |                  | 41.34           |                  | 41.21           |
|                    | Provision for Warranty on Sales              |                  | 0.37            |                  | 0.37            |
|                    | <b>Total – Current</b>                       |                  | <b>3,461.84</b> |                  | <b>1,985.72</b> |

**22.1 Provision for Overburden Removal (net of Advance Action):**

- i) In respect of all open cast (OC) Mines in operation, the accounting of Overburden Removal (OBR) is carried out as per the Accounting Policy No:2.2.10.
- ii) During the year, the General Review of Project Stripping Ratios was carried out as per Accounting Policy No.2.2.10 (ii). Out of the 21 OC Mines, in respect of 7 Mines there is no change in Project Stripping Ratios. However, in respect of 14 OC Mines, considering the increase/decrease in the Coal and OB Reserves of the respective OC Mines due to the obvious reasons like shifting of faults, changes in quantities left over in depillared panels, changes in high wall bench configurations, changes in the seam thickness / width of the batter and haul roads etc., Stripping Ratios have been revised.
- iii) Consequent to the above general review of the Stripping Ratios, there is a decrease in the OBR Charge by Rs.629.70 Crore (Credit) in respect of 6 OC Mines and there is an increase in the OBR Charge by Rs.759.14 Crore (Debit) in respect of 8 OC Mines, the overall net Increase in OBR Charge being Rs.129.44 Crore, with corresponding reduction in the Profit before Tax (PBT) for the current year. The impact of the general review of the Stripping ratios during the current year is accounted as a change in the Estimate in the current year as per Ind AS-8.
- iv) Further, in respect of IK OCP, BC soil excavated under the external dump outside the quarry area of 13.99 L.Cum and 15.60 L.Cum during the year 2020-21 & 2021-22 respectively was erroneously considered for OBR accounting purpose. Hence, the above inclusion of BC removal quantities for OBR Accounting in previous years is viewed as a material prior period error and corrected retrospectively as per Ind AS-8 read with Company's Accounting Policy No.2.2.21. The financial impact of correction of prior period error is Rs.33.37 Crore which was adjusted against retained earnings / PBT of comparative period.(Refer Note no: 39.5.9.i)
- v) In addition to the above, due to the closure of mining operations at GK OC and Medapalli OC, the Overburden removal accounting was carried out for the terminal quantities of coal and OB removed in



*Notes to the consolidated financial statements for the year ended 31<sup>st</sup> March, 2023 (Contd...)*

the current year on actual basis. The opening balance of advance action of Rs.16.63 Crore and Rs.6.15 Crore in respect of GK OC and Medapally OC, respectively have been charged off to the Statement of Profit & Loss of the current year.

## **22.2 Provision for Backfilling of Over Burden/Maintenance of Water Body:**

### **a) Position/Status as on 31.03.2022:**

Until FY 2021-22, provision for Backfilling of Overburden is being made as per Accounting Policy no. 2.2.7.B. to meet the obligation (pursuant to the stipulations in Environment Clearances) regarding the reduction of the depth of final void to 30/35/40 metres from the surface as the case may be in respect of 8 Opencast (OC) Mines. Further, Provision for Water body Maintenance is being made in respect of 7 OC Mines pursuant to the stipulations in Environment Clearances (EC) for maintenance of final void as water body by providing adequate engineering interventions for sustenance of aquatic life. Other OC Projects are either on relay concept or no such stipulation is mentioned in the EC of respective Mines.

### **b) Changes/Movement during the year 2022-23:**

- i) During the year, revised EC was approved for RG OC I Expansion Mine stating “the final void should be preferably as per the approved mine closure plan and in case it exceed 40m, adequate Engineering interventions shall be provided for the sustenance of aquatic life there in”. However, the relevant condition in Mining plan is “It is proposed fill the void with 194.36 M.cum of OB removed from the future expansion of the project”. Consequently, the amount of provision required to meet the obligation towards revised quantity of 194.36 M.Cum instead of earlier 128.40 M.cum is reassessed based on the estimates made by Project Planning Department. Based on re-assessment, the increase in the value of the obligation towards backfilling over and above the carrying amount of earlier Provision by Rs 271.93 Crore is provided for by way of recognizing related Site Restoration Asset as on 01.04.2022.
- ii) During the year, revised EC was approved for SRP OC II stating “the final void should be preferably as per the approved mine closure plan and in case it exceed 40m, adequate Engineering interventions shall be provided for the sustenance of aquatic life there in”. However, the relevant condition in Mining plan is “The Mining company shall backfill the final void utilizing OB of sequential mine”. The final void quantity is estimated at 320.85 M.Cum up to depth of 35 m from Surface. Consequently, the amount of provision required to meet the obligation towards revised quantity of 320.85 M.Cum instead of earlier 168.82 M.cum is reassessed based on the estimates made by Project Planning Department. Based on re-assessment, the increase in the value of the obligation towards backfilling over and above the carrying amount of earlier Provision by Rs 969.77 Crore is provided for by way of recognizing related Site Restoration Asset as on 01.04.2022.
- iii) During the year 2022-23, revised EAC minutes of meeting dt.14.03.2023 was received for Medapally OC with a condition to leave the final void of 258.31 with maximum depth of 220 m as water body by providing adequate engineering interventions for sustenance of aquatic life. As the ECs are issued by MoEF as per the minutes of EAC meetings, the amount of provision required to meet the obligation towards Water body Maintenance as against the earlier obligation to backfill the final void with Overburden was assessed based on the estimates made by Project Planning Department. Based on re-assessment, the decrease in the provision for waterbody requirements by Rs 1285.23 Crore out of which an amount of Rs 97.08 Crore is adjusted against the carrying amount of site restoration cost asset as on 01.04.2022 and an amount of Rs.1188.15 Crore is withdrawn from Provision and credited to the Statement of Profit and Loss.

*Notes to the consolidated financial statements for the year ended 31<sup>st</sup> March, 2023 (Contd...)*

- iv) In respect of MNG OC, JK-5 OCP and RG OC II Projects, the provision for Backfilling/Water body maintenance was reviewed by adopting the Revised Mine lives as proposed by Project Planning Department. Consequent to this, there is a decrease in the provision of Backfilling / Water body maintenance by Rs 152.87 Crore, out of which an amount of Rs 144.96 Crore is adjusted against the carrying amount of Site Restoration Asset and the balance amount of Rs.7.91 Crore is withdrawn from Provision and credited to Statement of Profit and Loss of the Current Year.
- v) As per the Accounting Policy 2.2.7 B(iv) of the company, specific realistic assessment of estimated expenditure for meeting the obligation for Backfilling of final void in respect 3 OC Mines (RG OC I, JK5 OCP and MNG OCP) which are nearing closure was carried out by the Project Planning Department. Consequent to this specific reassessment, there is a increase in the provision of Backfilling by Rs 212.47 Crore, out of which an amount of Rs 220.39 Crore is adjusted against the carrying amount of Site Restoration Asset and the balance amount of Rs.7.92 Crore is withdrawn from Provision and transacted in the Statement of Profit and Loss of FY 2022-23.
- vi) Reassessment of the Backfilling Obligation as on the Reporting Date i.e. 31.03.2023 for the Mines not covered under specific assessment as above, the current year's weighted average outsourcing OB removal rate excluding the explosive cost element is made. Consequently, on assessment of Backfilling Obligation, there is an increase in the provision by Rs.1,706.64 Crore on the Reporting Date which was provided for by way of addition to the related Site Restoration Assets by the corresponding amount.

**22.3 Provision for Mine Closure Plan (MCP):**

- i) Provision for Mine Closure Plan (MCP) is being recognized as per the Accounting Policy no 2.2.7.A based on Mine Closure Plans approved by MoC or Company's Board as per the guidelines of Ministry of Coal (MoC) dated 7th January 2013.
- ii) Provision for Mine Closure Plan is made for 19 OC Mines and 23 UG Mines presently operating against 21 OC Mines and 24 UG Mines owing to the merger of the mines. Further, provision in case of 6 UG mines and 3 OC mines which are closed is carried in the Balance sheet.
- iii) During the year, Mine Closure Plan provision was re-assessed in respect of 7 mines due to adoption of revised mine lives as proposed by Project Planning Department. Consequent to this, there is an overall decrease in Mine Closure provision by Rs 13.21 Crore. Out of which, an amount of Rs. 9.65 Crore is adjusted against the related Site Restoration Asset and the balance provision of Rs 3.56 Crore is withdrawn and credited to the Statement of Profit and Loss in the current year.
- iv) During the year 2022-23, Mine Closure Plan provision was re-assessed in respect of 22 mines consequent to the revised Escrow agreements entered during the year 2022-23. Consequent to this, there is an overall increase in Mine Closure Provision by Rs 78.53 Crore. Out of which, an amount of Rs.78.62 Crore is added to the related Site Restoration Asset and the balance provision of Rs 0.09 Crore is withdrawn and credited to the Statement of Profit and Loss of the current year.
- v) In pursuance of Accounting policy No.2.2.7 (A) (vii), the obligation towards Final Mine Closure activities in respect of 15 Mines for which the remaining life is 5 years or below is re-estimated by Project Planning Department. Consequent to this reassessment, there is a overall decrease in the provision towards Mine closure obligation of these Mines by Rs.109.63 Crore, out of which an amount of Rs.25.28 Crore is adjusted against the carrying amount of Site Restoration Asset and the balance provision of Rs 84.35 Crore is withdrawn and credited to the Statement of Profit and Loss of the current year.
- vi) In pursuance of Accounting policy No.2.2.7 (A) (vi), an amount of Rs.71.87 Crore is recognised as Receivable against Progressive Mine Closure Expenditure claims in respect of 26 Mines for the year 2022-23, by crediting to the natural heads of expenditure.



*Notes to the consolidated financial statements for the year ended 31<sup>st</sup> March, 2023 (Contd...)*

- vii) Further, as per Ind AS 36 read with Appendix A to Ind AS 16, PPE the increase in the Site Restoration Assets is tested for impairment in respect of UG mines incurring continuous losses and an amount of Rs.8.04 Crore due to changes in the Mine Closure Provision is recognised towards Provision for Impairment in the current year.
- viii) During the year 2022-23, an amount of Rs.263.95 Crore (including Rs.55.09 Crore of interest accrued net of TDS) was deposited in designated Escrow Accounts. The cumulative Deposit as on 31.03.2023 is Rs.1,418.66 Crore (including accrued interest of Rs.296.57 Crore net of TDS) (Previous year – Rs.1,176.18 Crore including interest of Rs.241.48 Crore net of TDS).  
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- ix) Against the deposits for MCP held in the Escrow Accounts, an amount of Rs.21.47 Crore was released by Coal Controller during the year 2022-23 (PY Rs.36.79 Crore). This amount is 50% of the deposited amounts including interest on Mine closure expenditure claims in respect of 20 Mines for the years from 2013-14 to 2017-18 submitted by the Company.

## **22.4 Provision for Remediation & Community Resource Augmentation Plans(RP&NCRAP)**

- i) Upto FY 2021-22 the Company has made provision of Rs.92.50 Crore for implementation of Remediation Plan and Natural & Community Resource Augmentation Plans (RP & NCRAP) in respect of Projects falling under violation category. After adjusting the Expenditure incurred up to FY 2021-22 of Rs.4.70 Crore, the balance amount of provision as on 31.03.2022 was Rs.87.81 Crore.
- ii) During FY 2022-23, ECs were approved for four Mines by MoEF& CC and EAC/SEAC recommended ECs for six Mines recommending the activities for Rs.20.65 Crore towards implementation of RP, CRAP,NCRAP & PH commitments as against the provision made for Rs.26.30 Crore. Accordingly, excess provision of Rs.5.65 Crore was written back and credited to the Statement of Profit and Loss of the Current Year. Further, an amount of Rs.8.13 Crore is provided towards implementation of RP, CRAP, NCRAP & PH commitments in respect of the remaining Mines in Violation Category. The Net increase in the Provision Rs.2.48 Crore (PY withdrawal of Rs.4.43 Crore) for the year was classified and presented as an Exceptional Item, as was done in previous year. After setting off of expenditure incurred in FY 2022-23 of Rs.9.93 Crore, the balance amount of provision as on 31.03.2023 was Rs.80.36 Crore.(PY 87.81 Crore)

## **22.5 Provision for CER/PH commitments for New/Expansion Mines:**

- i) In case of new/expansion mines, the Company is obtaining Environment Clearances (ECs) as per the EIA notification,2006 and its subsequent amendments from time to time. MoEF &CC issued O.M. vide F.No.22-65/2017-IA.III dated 01.05.2018 regarding guidelines for fund allocation in respect of CER activities in addition to the EIA/EMP cost based on the nature of the project and capital cost for fulfilling the issues raised in the Public Hearings.
- ii) Subsequently, MoEF&CC issued another O.M vide F.No.22-65/2017-IA.III dated 30.09.2020 wherein it has directed the EAC/SEAC that the Public Hearing commitments to be incorporated as part of the EMP while according ECs in lieu of CER. Accordingly, the Company is providing CER/Public Hearing commitment budget along with timelines in the EIA/EMP report and the same is being deliberated and decided by the EAC/SEAC for granting ECs.
- iii) Considering the Constructive obligation for meeting the Commitments given in the Final EMPs submitted to MoEF for Obtaining ECs, provision towards CER/PH commitments is recognised during the year for an amount of Rs.15.95 Crore.

## **22.6 Provision for Environment Compensation – (Hon' NGT):**

- i) Provision towards Environment compensation represents, provision made in FY 2021-22 for an amount of Rs.41.21 crore consequent to the judgement of National Green Tribunal on the cases filed by residents



*Notes to the consolidated financial statements for the year ended 31<sup>st</sup> March, 2023 (Contd...)*

of Sattupalli regarding the environmental violations, sound pollution, air pollution, water pollution and cracks on Houses caused by blasting operations carried out by the Company and transportation coal by road instead of rail in respect of JVR OC II Mine. The case was contested by the Company by way of filing a civil appeal before Hon'ble Supreme Court. The Hon'ble Supreme Court has advised to deposit 50% of the amount awarded by Hon' NGT vide it's order dated 13.03.2023 and accordingly an amount of Rs.21.61 Crore was deposited with Hon' NGT on 29.03.2023.

- ii) Further during the year, provision was made for an amount of Rs.0.14 Crore towards Environmental compensation demand issued by TSPCB in pursuance of directions of Hon' NGT in respect of OA No.39/2022 (SZ) filed on the alleged environmental violations and damages due to the operation of Khairagura OCP.

**22.7 Provision towards Performance Related Pay (PRP) (Executives):**

- i) The carrying amount of the provision represents the amounts payable to Executives of the Company as part of Revised Pay Package which was adopted by Company on par with other Central Public Sector Units as per 2<sup>nd</sup> and 3<sup>rd</sup> PRC in respect of the period from 01.01.2007 upto 31.03.2014 for Rs.67.95 Crore, Rs.53.48 Crore for FY 2021-22 and Rs.117.39 Crore for FY 2022-23.
- ii) During the year, payments of PRP for FY 2019-20 for an amount of Rs.79.63 Crore were released. The remaining surplus provision of Rs.0.18 Crore was withdrawn and credited to the Statement of Profit and Loss of the current year.
- iii) Pending receipt of approval from the Designated Authority, Rs.117.39 Crore is provided for the year 2022-23 as per the procedure prescribed DPE Guidelines considering Operating Profit for the current year (i.e. Profit Before Tax after excluding interest earned on Idle Cash, Deposits/Investments). (Previous Year - Rs.53.48 Crore)

**22.8 Contributory Post Retirement Medicare Benefit Scheme (Non Executives):**

- i) As per the terms of NCWA X wage agreement concluded in the year 2017-18, the Company has to contribute an amount of Rs.18,000/- per employee who was on roll as on 01.07.2016 or has joined thereafter to the Contributory Post Retirement Superannuation Medicare Scheme (CRPMS-NE).
- ii) Upto FY 2020-21, the company had recognized Provision towards the contributory liability of Rs.18,000/- only treating the same as a Defined Contribution Plan. However, in pursuance of the C&AG suggestions and after examining the peer Industry practice, the constructive obligation of the Company in respect of the designated medical benefit of Rs.8.00 Lakhs / per employee or such lower amount, as the case may be, as per the Scheme guidelines, in respect of both on roll and not on roll Employees (Card Holders) is being recognized as 'Defined Benefit Obligation' based on the Actuarial Valuation from FY 2021-22 onwards.

**22.9 Executives' Superannuation Benefit Scheme (EDCPS):**

- i) Owing to non-formulation of the Modalities of the scheme, the Superannuation Benefit contributions (Executives) have remained payable in the books. Recently, the Company has formulated a scheme "SCCL Executives Defined Contribution Pension Scheme 2007" and the activities related to the implementation of the scheme are in progress.
- ii) During the year, the remittance of Monthly contributions to EDCPS Fund Manager (LIC) have commenced. The total amount of contributions payable to the Superannuation Benefit Scheme up to 31.03.2023 amounted to Rs.324.38 Crore (Previous year Rs.324.38 Crore). Out of which, Rs.10.00 Crore was deposited to Trust Account as initial contribution in FY 2019-20. During the year 2020-21, 2021-22 and 2022-23, the contributions of Rs. 62.47 Crore, Rs.5.51 Crore and Rs.11.03 Crore respectively, relating to NOR employees (Retirements/Deaths) have been remitted to EDCPS Trust Account or paid to the nominees of the concerned Ex-executives, as the case may be. The Net contributions outstanding to



*Notes to the consolidated financial statements for the year ended 31<sup>st</sup> March, 2023 (Contd...)*

be deposited as on 31.03.2023 amounted to Rs.235.38 Crore which was carried as a provision as on the Reporting Date (Previous year Rs.246.40 Crore).

- iii) As there exists constructive obligation to deposit the contributions to the Trust along with interest, the Company is providing for compensatory interest. Upto FY 2021-22, an amount of Rs.149.63 Crore was provided for. During the year, considering the procedure adopted by Coal India Limited for remittance of compensatory interest in pursuance of MoC approval, the Senior Officers Committee has recommended the modalities to be adopted in the Company for payment of compensatory interest. Considering the recommendations of the Senior Officers Committee, the compensatory interest payable upto FY 2022-23 has worked out to Rs.140.91 Crore only and hence, the surplus provision of Rs.8.71 Crore was withdrawn and credited to the Statement of Profit and Loss for the year 2022-23 (Previous Year Provision of Rs.21.19 Crore).

## 22.10 Provision for Pay Revision Arrears (NCWA-XI):

Pay Revision Provision (NCWA XI) represents the provision made towards Pay Revision Arrears against NCWA-XI applicable from 01.07.2021. The Provision is made for the period from July, 2021 to March, 2023, considering the fitment benefit of 19% finalized in 10th meeting of JBCCI held on 19.05.2023 and the allowances and other benefits agreed upon. During the year, an amount of Rs.1,104.86 Crore is provided including topping up of provision made in FY 2021-22 based on the finalized wage agreement.

**22.11** Considering the Pay Revision Agreement concluded by JBCCI on 20.05.2023 which is applicable for NCWA-XI i.e. from 01.07.2021, the incremental liability on the Actuarial valuation of the various Defined Benefit obligations as on the Reporting Date i.e. 31.03.2023 have been transacted in the Books of Account of FY 2022-23, considering the same as an 'Adjusting Event After the Reporting Date' as per the provisions of Ind AS-10 (Refer Note No.30.1 and Note No.38A.1).

**22.12** Royalty on Closing Stock of Coal at Mines/CSPs amounting to Rs.207.61 Crore was not transacted in the Books (Previous year Rs.120.56 Crore) (Restated).

## NOTE 23: OTHER NON - CURRENT LIABILITIES

(Rs. in Crore)

| Particulars    | As at 31.03.2023 | As at 31.03.2022 |
|----------------|------------------|------------------|
| Deferred Grant | -                | -                |
| <b>Total</b>   | <b>-</b>         | <b>-</b>         |

## NOTE 24: OTHER CURRENT LIABILITIES

(Rs. in Crore)

| Particulars                               | As at 31.03.2023 | As at 31.03.2022 |
|---|------------------|------------------|
| Statutory Dues                            | 2,334.74         | 3,694.34         |
| Advances from Coal Customers              | 1,519.36         | 1,482.72         |
| Advances from Others                      | 19.89            | 31.21            |
| Liability for unspent CSR                 | 69.91            | 59.81            |
| Deferred Govt Grant (VGF - Solar)         | 16.09            | 17.50            |
| Provision towards Other taxes (Entry Tax) | 196.51           | 196.51           |
| <b>Total</b>                              | <b>4,156.50</b>  | <b>5,482.09</b>  |

- 24.1 Statutory dues includes Royalty of Rs.NIL (Previous Year Rs.1,755.12 Crore), DMFT of Rs.1,497.72 Crore (Previous Year Rs.1,008.57 Crore), NMET of Rs.144.97 Crore (Previous Year Rs.97.79 Crore) and Forest Permit Fee of Rs.NIL (Previous Year Rs.176.51 Crore) remittance of which could not be made due to delay in realization of dues from customers.

*Notes to the consolidated financial statements for the year ended 31<sup>st</sup> March, 2023 (Contd...)*

- 24.2 Deferred Government Grant - Current (VGF - Solar) represents the proceeds of Viability Gap Funding received from M/s. SECI towards 1st Instalment against the setting up of 3<sup>rd</sup> Phase of Solar Plants. Out of the total proceeds of VGF received during the year 2021-22 of Rs.27.37 Crore, after setting of Capital Expenditure incurred upto 2022-23 of Rs.12.28 Crore (Previous Year of Rs.10.87 Crore), the remaining Proceeds of VGF Grant of Rs.15.09 Crore (Previous Year Rs.16.50 Crore) have been recognized and presented as 'Deferred Government Grants - Current' which would be netted off against the expenditure to be incurred in due course (Refer Note No.4.2 & 39.5.2A.4).
- 24.3 Liability for unspent CSR represents the Unspent amounts against the Ongoing Works sanctioned under CSR Budget for the Year 2022-23 of Rs.32.61 Crore, 2021-22 of Rs.23.50 Crore and the balance of provision made in FY 2019-20 & FY 2020-21 of Rs. 10.62 Crore & Rs.3.18 Crore respectively (Previous year Rs.59.81 Crore). These Unspent amounts of FY 2022-23 of Rs. 32.66 Crore have been deposited in the separate "Unspent CSR Bank Account 2022-23" opened with SBI, Kothagudem on 29.04.2023. The unspent amounts of CSR of FY 2021-22 of Rs.23.66 Crore were also carried in the unspent CSR Bank Account 2021-22. Further, the unspent amounts of CSR of FY 2019-20 & 2020-21 of Rs.14.17 Crore were also carried in the unspent CSR Bank Account of 2020-21. (Refer Note no 14.5).
- 24.4 Interest free loan from Government of Andhra Pradesh Rs.1.00 Crore vide G.O.Ms.No.201 dated 21.08.1997 for implementing the Voluntary Retirement scheme as a full and final settlement of the concessions was given to the Company. The Company has implemented the voluntary retirement scheme in the year 1997 and schedule for repayment of loan was deferred till 2010-11 for revival of the Company vide Lr.No.23600/IFR/2002-03 dated 13.09.2003. Further request is made to extend schedule for repayment of loan.

**NOTE 25: CURRENT TAX LIABILITIES (NET)**

(Rs. in Crore)

| Particulars                                | As at 31.03.2023 | As at 31.03.2022 |
|--|------------------|------------------|
| Provision for Income Tax                   | -                | -                |
| Less: Advance tax paid Including TDS & TCS | -                | -                |
| <b>Total</b>                               | <b>-</b>         | <b>-</b>         |



Notes to the consolidated financial statements for the year ended 31<sup>st</sup> March, 2023 (Contd...)

## NOTE 26: REVENUE FROM OPERATIONS

(Rs. in Crore)

| Particulars |  | 2022-23  |                  | 2021-22  |                  |
|-------------|--|----------|------------------|----------|------------------|
| <b>(A)</b>  | <b>Sale of Coal:</b>                             |          |                  |          |                  |
| 1.          | Turnover (Gross)                                 |          | 26,515.53        |          | 20,986.00        |
| 2.          | Adjustments for Variance Consideration           |          |                  |          |                  |
|             | i) Penalty for Short lifting of Coal             | 5.04     |                  | 8.41     |                  |
|             | ii) Bonus for Supply of Coal                     | 179.23   |                  | 29.67    |                  |
|             | iii) Provision for Shale/ Stone & Grade Variance | (378.72) | (194.45)         | (48.52)  | (10.44)          |
|             | <b>Total (1+2)</b>                               |          | <b>26,321.08</b> |          | <b>20,975.56</b> |
|             | Less : Statutory Levies:                         |          |                  |          |                  |
|             | i) Royalty                                       | 2,107.85 |                  | 1,786.19 |                  |
|             | ii) GST Compensation Cess                        | 2,449.23 | 4,557.08         | 2,405.61 | 4,191.80         |
|             | <b>Total - Sales (Coal)</b>                      |          | <b>21,764.00</b> |          | <b>16,783.76</b> |
|             | Less: Transfer to Development                    |          | -                |          | 155.38           |
|             | <b>Net Sales – Coal (A)</b>                      |          | <b>21,764.00</b> |          | <b>16,628.38</b> |
| <b>(B)</b>  | <b>Sale of Power:</b>                            |          |                  |          |                  |
|             | i) Thermal (STPP)                                |          | 4,395.86         |          | 3,833.37         |
|             | ii) Solar Banked Units                           |          | 19.40            |          | 27.71            |
|             | <b>Net Sales – Power (B)</b>                     |          | <b>4,415.26</b>  |          | <b>3,861.08</b>  |
| <b>(C)</b>  | <b>Income from Services:</b>                     |          |                  |          |                  |
|             | Consultancy Services                             |          | 4.42             |          | 4.37             |
| <b>(D)</b>  | <b>Sale of Other Goods:</b>                      |          |                  |          |                  |
|             | Sale of other Goods                              |          | 15.15            |          | 5.88             |
|             | <b>Total (A+B+C+D)</b>                           |          | <b>26,198.83</b> |          | <b>20,499.71</b> |

- 26.1 The Gross Turnover of Coal presented above is net of Goods and Services Tax (GST).
- 26.2 The Company has not opted for Regulatory Deferral Accounting given under Ind AS 114 in respect of Thermal Power Plant Operations as per the option permitted under Ind AS at the time of implementation in FY 2016-17 which was also the year of commencement of Power Plant Operations. The Company is recognizing Revenue from Sale of Power as per Ind AS-115 - Revenue from Contracts with Customers.
- 26.3 The value of coal transfer to STPP for internal Consumption of Rs.2,709.57 Crore is adjusted against consumption of Raw materials at STPP (PY Rs.2,174.44 Crore-Restated).
- 26.4 The Company had filed Mid-Term Review (MTR) Petition in respect of the control period 2019-24 on 30.11.2022. The Hon'ble TSERC issued Order on 23.03.2023 on the Mid-Term Review Petition filed by the Company. In the MTR order issued by the Hon'ble TSERC, the rightful claims of the Company towards additional capital cost, capital liability discharged, O&M Expenses, effective Income Tax on the Return on Equity have not been allowed. The Company is in the process of filing Review Petition before the Hon'ble TSERC seeking review of rightful claims disallowed.

However, the impact of the Mid Term Review Order is transacted in the Books of Accounts of FY 2022-23 as per the decision of the Hon'ble TSERC on various elements including admittance of the restructuring cost of Term Loans of Rs.77.84 Crore. After setting off of the liability towards 2/3<sup>rd</sup> savings in interest already provided for in earlier years of Rs 69.04 Crore, additional Revenue of Rs 20.35 Crore is recognized from Sale of Power

*Notes to the consolidated financial statements for the year ended 31<sup>st</sup> March, 2023 (Contd...)*

covering the period upto FY 2021-22. (Refer Note No.8.3 & 31.II.1).

In addition, the Billed Revenue of FY 2022-23 is also reduced by Rs 64.89 Crore towards reduction in Annual Fixed Charges. Hence, the net reduction in Revenue on account of Mid Term Review Order transacted in the Books of Accounts of FY 2022-23 is Rs 44.54 Crore.

- 26.5 The Billing Disputes Petition filed by the Company before the Hon'ble TSERC on the claims disallowed by TSPCC upto FY2018-19 was decided by the Hon'ble TSERC vide its Order dated 21.11.2022. The claims of the Company towards Additional Coal Cost on actual Generation in excess of Scheduled Generation, Incentive upon that excess generation and water cess and Taxes of Rs 3.28 Crore have been disallowed and have been written off as Bad debts in FY 2022-23.

Though the Bills for Actual Generation beyond Scheduled Generation is disallowed by Hon'ble TSERC, the Actual Metered Energy (JMR) is accepted by TSDISCOMS post award of TSERC Order and hence these claims are considered as realizable dues. Further, the claims for additional coal cost upto scheduled generation of Rs 119.74 Crore is considered as allowed by the Hon'ble TSERC as per the interpretation of the TSERC Order by the Company.

However, TSPCC has denied the claim made by the Company as per the interpretation of TSERC Order, stating that the additional coal cost upto the Scheduled Generation also is disallowed by the Hon'ble TSERC. On this denial of claim by TSPCC for an amount of Rs 119.74 Crore, a Clarification Petition is filed before the TSERC on 08.06.2023 and pending the clarification order to be issued by Hon'ble TSERC, the management is of the view that no provision/ reversal of the revenue is required, as the amounts have been appropriately billed and also allowed by the TSERC. These dues have been classified and presented as ' Trade Receivable(Power) – Disputed - considered good. (Refer Note No.12.B4)

- 26.6 Against the sale of power billed to TSDISCOMS during the FY 2021-22 and FY 2022-23, the TSDISCOMS have filed a petition (OP No. 13 of 2023) on 05.05.2023, requesting the Hon'ble TSERC to direct the Company to change the coal supply being made to its Thermal Power Plant (STPP) at the notified basic price corresponding to the coal grade being supplied without any additional charge/ premium, for the period FY 2021-22 to till the date of operationalization of Naini Coal Block and later to adopt the CERC Input Price determination methodology. On the petition filed by the TSDISCOMS, Hon'ble TSERC has advised the Company to submit it's counter and the same in process. The management is of the view that as the bills of the cost of coal have been raised appropriately as per the bridge linkage in lieu of Naini Coal Block supplies as per the MOU Terms and conditions, no provision/ reversal of the Revenue is required. The provisional amount of dispute involved is Rs 407.93 Crore. These dues have been classified and presented as ' Trade Receivable(Power) – Disputed - considered good. (Refer Note No.12.B4)
- 26.7 Sale of Solar Banked Units of Rs.19.40 Crore mentioned above represents the value of Banked units taken over by TSDISCOMS after reducing applicable Banking charges @ Rs.4.501/unit under Long Term Open Access Agreement (Previous Year Rs.27.71 Crore @ Rs.4.32/unit).



Notes to the consolidated financial statements for the year ended 31<sup>st</sup> March, 2023 (Contd...)

## Disaggregated Revenue Information as per Ind AS 115 – “Revenue from Contracts with Customers”:

(Rs. in Crore)

| Particulars  | 2022-23          | 2021-22          |
|--|------------------|------------------|
| <b>Types of goods or services</b>                            |                  |                  |
| – Coal   | 21,764.00        | 16,628.38        |
| – Power  | 4,395.86         | 3,833.37         |
| – Solar  | 19.40            | 27.71            |
| – Others   | 4.42             | 4.37             |
| – Other goods  | 15.15            | 5.88             |
| <b>Total Revenue from Contracts with Customers</b>           | <b>26,198.83</b> | <b>20,499.71</b> |
| Types of Customers for coal                                  |                  |                  |
| – Power sector   | 15,619.55        | 12,227.09        |
| – Non Power Sector   | 6,144.44         | 4,401.29         |
| Types of Customers for Power                                 |                  |                  |
| – Electricity distribution companies                         | 4,415.26         | 3,861.08         |
| Types of Customers for Services                              |                  |                  |
| – Consultancy income   | 4.42             | 4.37             |
| Types of Customers for other goods                           |                  |                  |
| – Other goods  | 15.15            | 5.88             |
| <b>Total Revenue from Contracts with Customers</b>           | <b>26,198.83</b> | <b>20,499.71</b> |
| Types of Contracts of Coal                                   |                  |                  |
| – Fuel Supply Agreements                                     | 20,312.39        | 15,596.83        |
| – E Auction/E Linkage  | 1,107.59         | 766.35           |
| – Others   | 344.02           | 265.20           |
| Types of Contract for Power                                  |                  |                  |
| – Power Purchase Agreement                                   | 4,395.86         | 3,833.37         |
| – Long Term Open Access Agreement                            | 19.40            | 27.71            |
| Types of Contract for Services                               |                  |                  |
| – Others   | 4.42             | 4.37             |
| Types of Contract for other goods                            |                  |                  |
| – Other goods  | 15.15            | 5.88             |
| <b>Total Revenue from Contracts with Customers</b>           | <b>26,198.83</b> | <b>20,499.71</b> |
| Timing of Goods or Services                                  |                  |                  |
| – Goods transferred at a point in time (Coal)                | 21,764.00        | 16,628.38        |
| – Goods transferred over time (Power)                        | 4,395.86         | 3,833.37         |
| – Goods transferred at a point in time (Other goods & Solar) | 34.55            | 33.59            |
| – Services completed over time (services)                    | 4.42             | 4.37             |
| <b>Total Revenue from Contracts with Customers</b>           | <b>26,198.83</b> | <b>20,499.71</b> |

**NOTE 27: OTHER INCOME**

(Rs. in Crore)

| Particulars |   | 2022-23        |                 | 2021-22       |                 |
|-------------|---|----------------|-----------------|---------------|-----------------|
| <b>(a)</b>  | <b>Interest Income</b>  |                |                 |               |                 |
|             | Interest on Investments (Non-trade)                               | 191.52         |                 | 260.25        |                 |
|             | Interest on Term Deposits   | 76.74          |                 | 86.84         |                 |
|             | Interest on Sundry Debtors for Coal, Loans, Advances to others    | 64.51          |                 | 48.47         |                 |
|             | Interest on deposit with LIC(ETB)                                 | 449.23         |                 | 305.53        |                 |
|             | Interest on Income Tax Refund                                     | 0.03           | 782.03          | 4.77          | 705.86          |
| <b>(b)</b>  | <b>Income from Mutual Funds - Measured at FVTPL</b>               |                | <b>9.88</b>     |               | <b>0.34</b>     |
| <b>(c)</b>  | <b>Other non-operating Income</b>                                 |                |                 |               |                 |
|             | Rents   | 11.11          |                 | 9.31          |                 |
|             | Rent from Investment Properties                                   | 2.46           |                 | 1.02          |                 |
|             | Electricity & Fuel  | 14.60          |                 | 13.00         |                 |
|             | Water Charges   | 0.80           | 28.97           | 0.93          | 24.26           |
|             | Sale proceeds of Fly Ash  | 28.76          |                 | 9.96          |                 |
|             | Interest accrued on FD made from fly ash proceeds                 | 0.48           |                 | -             |                 |
|             | <b>Less: Transferred to Fly Ash Reserve</b>                       | <b>(29.24)</b> | <b>-</b>        | <b>(9.96)</b> | <b>-</b>        |
| <b>(d)</b>  | <b>Provisions and Liabilities no longer required written back</b> |                | <b>1,566.79</b> |               | <b>546.83</b>   |
| <b>(e)</b>  | <b>Miscellaneous income</b>                                       |                |                 |               |                 |
|             | Profit on Sale of Property, Plant and Equipment                   | 1.69           |                 | 3.05          |                 |
|             | Sale of Scrap   | 66.28          |                 | 48.04         |                 |
|             | Penalties recovered from Contractors & Vendors                    | 79.75          |                 | 50.08         |                 |
|             | Service Charges E-Auction Coal                                    | 12.66          |                 | 10.17         |                 |
|             | Other Miscellaneous Receipts                                      | 11.81          | 172.19          | 8.72          | 120.06          |
| <b>(f)</b>  | <b>Subsidy from CCDAC for Protective/Other works etc.</b>         |                | <b>13.34</b>    |               | <b>1.82</b>     |
|             | <b>Total</b>  |                | <b>2,573.20</b> |               | <b>1,399.17</b> |

27.1 Income from Mutual Funds includes an amount of Rs.0.27 Crore towards Fair Value adjustment as on 31.03.2023 recognised through Statement of Profit and Loss (FVTPL) (PY - NIL).

27.2 **Provisions written back include:**

- i) Withdrawal of Provision for Impairment recognized in the earlier years on Buildings, Roads, Development expenditure of Rs.104.77 Crore and on Site Restoration Assets (MCP) of Rs.55.65 Crore in respect of Loss making UG Mines corresponding to the amount of depreciation charged / regularized during the year.(Refer Note No.31A-2)
- ii) Withdrawal of provision for Backfilling at Medipalli OCP for an amount of Rs.1188.15 Crore due to change in the Site Restoration obligation from Backfilling to waterbody maintenance with adequate Engineering interventions for sustenance of aquatic life in pursuance of revised EAC Minutes. Further, Waterbody provision of an amount of Rs.7.91 Crore in respect of MNG OC, is withdrawn consequent to adoption of revised mine life. (Refer Note No.22.2 (b) (iii) & (iv)).
- iii) Withdrawal of provision made for Mine Closure obligation (MCP) of Rs.88.00 Crore consisting of withdrawal of provision of Rs.3.65 Crore on account of adoption of Revised Mine lives/ Revised Escrow



*Notes to the consolidated financial statements for the year ended 31<sup>st</sup> March, 2023 (Contd...)*

- Agreements and withdrawal of provision of Rs.84.35 Crore on account of specific reassessment of Final Mine Closure obligation in respect of Mines nearing completion (Refer Note No.22.3 (iii), (iv) & (v)).
- v) Withdrawal of provision made for Impairment of infructuous capital expenditure incurred on the non-viable Coal Blocks (New Patrapara, Odisha and Penagadapa, Telangana) surrendered to Govt. of India for an amount of Rs.57.20 Crore consequent to write off of the expenditure not collectable from the future allottees during the year (Refer Note No.36.3).
- v) Withdrawal of provision of Rs.22.65 Crore recognised in earlier years towards Employers' Contribution of CMPF on Not Onroll Leave Encashment which is no longer required to be maintained as the issue is closed at CIL. Further, an amount of Rs.8.71 Crore towards surplus provision towards Compensatory Interest on the accumulated EDCPS contributions as per the modalities recommended by the Senior Officers Committee.
- vi) Withdrawal of provision made towards grade deterioration of Rs.3.54 Crore in respect of non-saleable firey Washery Rejects at Manguru Washery, as the Washery Rejects have been disposed off during the year by blending with higher grade coal (Refer Note No.11.2)
- vii) Miscellaneous Credits and Unclaimed amounts taken into Company's account for Rs.17.36 Crore (Previous year Rs.16.20 Crore).
- 27.3 Subsidy receivable against the Revenue protective works of Rs.7.69 Crore is recognised during the year as per the approved minutes of CCDAC (Previous Year Rs.1.82 Crore). In addition, the capital grants approved by CCDAC during the year have been set off against corresponding carrying amounts of Assets (WDV) and the surplus grants of Rs.5.65 Crore, remaining after set off against the carrying amount of the respective Assets have been transacted in the Statement of Profit & Loss as Revenue Grant.
- 27.4 As per the accounting policy followed by the Company, interest on belated payment of Coal dues is recognised on realization in view of the uncertainty involved in the ultimate collection as per the Accounting Policy No.2.2.1 F (a). During the year, interest accrued on the delayed payment of Coal dues from M/s.TSGENCO of Rs.1232.00 Crore is waived off by the Board of Directors in their meeting held on 29.07.2022 considering the request from TSGENCO upon settlement of total pending dues.
- 27.5 During the year, TSPCC has paid an amount of Rs.318.62 Crore in instalments towards liquidation of arrears of power dues without considering the Electricity (Late Payment Surcharge and Related Matters) Rules, 2022. Since the amounts are paid towards power dues only, no late payment surcharge revenue is recognized as per the Accounting Policy of the Company as at 2.2.1.F(b).

**NOTE 28: COST OF MATERIALS CONSUMED**

(Rs. in Crore)

| Particulars                      | 2022-23         | 2021-22         |
|----------------------------------|-----------------|-----------------|
| Stores & Spares                  | 598.26          | 640.30          |
| Explosives                       | 1,613.25        | 821.60          |
| Petrol, Oil and Lubricants (POL) | 4,270.17        | 3,053.16        |
| Internal Consumption of Coal     | 0.01            | 0.02            |
| Others                           | 2.14            | 13.21           |
| <b>Total</b>                     | <b>6,483.83</b> | <b>4,528.29</b> |



**NOTE 29: CHANGES IN INVENTORIES OF FINISHED GOODS**

(Rs. in Crore)

| Particulars                               | 2022-23         | 2021-22        |
|---|-----------------|----------------|
| Opening Stock                             | 911.79          | 890.97         |
| <b>Less:</b> Internal Consumption of Coal | 0.01            | 0.02           |
| <b>Less:</b> Closing Stock                | 1551.87         | 911.79         |
| <b>Total</b>                              | <b>(640.09)</b> | <b>(20.84)</b> |

29.1 The above change in the Inventory includes the impact of change in the Accounting Policy relating to valuation of Closing Stock by Rs.51.25 Crore (increase) for FY 2022-23 and Rs.6.35 Crore (reduction) for the comparative year FY 2021-22 (Refer Note No.39.6.5).

**NOTE 30: EMPLOYEE BENEFITS EXPENSE**

(Rs. in Crore)

| Particulars   | 2022-23         | 2021-22         |
|---|-----------------|-----------------|
| Salaries, Wages and Allowances                            | 3,712.05        | 3,437.90        |
| Pay Revision Provision (NCWA XI)                          | 1,104.16        | 432.19          |
| CMPF, CMPS and Administrative charges                     | 653.44          | 661.77          |
| Leave Entitlements  | 403.36          | 375.36          |
| Attendance Bonus  | 203.45          | 204.47          |
| Performance Linked Reward (PLR)                           | 315.23          | 296.26          |
| Gratuity  | 356.17          | 344.59          |
| Superannuation Benefit ( EDCPS, CPRMS (E&NE))             | 141.21          | 142.12          |
| Workmen's Compensation, GIS & GPAIS                       | 0.93            | 2.19            |
| Special Incentive & PRP                                   | 794.13          | 418.44          |
| Directors' Remuneration                                   | 2.11            | 2.04            |
| Life cover premia under Gratuity Scheme with LIC          | 16.61           | 13.49           |
| <b>Social Amenities:</b>                                  |                 |                 |
| Employee Welfare Expenses                                 | 135.00          | 121.84          |
| Employee Hospital Expenses                                | 125.39          | 144.47          |
| Lumpsum/ Monthly Monetary Compensation for dependants     | 150.12          | 72.33           |
| Grants to Singareni Collieries Educational Society (SCES) | 30.86           | 32.66           |
| <b>Total</b>  | <b>8,144.22</b> | <b>6,702.12</b> |

30.1 Pay Revision Provision (NCWA XI) represents the provision made towards Pay Revision Arrears against NCWA-XI applicable from 01.07.2021. The Provision is made for the period from July, 2021 to March, 2023, considering the fitment benefit of 19% and other allowances finalized in 10th meeting of JBCCI held on 19.05.2023. During the year, an amount of Rs.1,104.86 Crore is provided including updating of provision made in FY 2021-22 based on the finalized wage agreement (Refer Note No.22.10)

30.2 Considering the Pay Revision Agreement concluded by JBCCI on 20.05.2023 which is applicable for NCWA-XI i.e. from 01.07.2021, the incremental liability on the Actuarial valuation of the various Defined Benefit obligations as on the Reporting Date i.e. 31.03.2023, Leave Entitlements (Non vesting) - Rs.14.70 Crore, LTC/LLTC - Rs.18.03 Crore, Settling in allowance - Rs.30.17 Crore and MMC - Rs.58.30 Crore) have been transacted in the Books of Account of FY 2022-23 considering the same as an 'Adjusting Event After the Reporting Date' as per Ind AS-10 (Refer Note No.22.11).



Notes to the consolidated financial statements for the year ended 31<sup>st</sup> March, 2023 (Contd...)

## NOTE 31: FINANCE COSTS

(Rs. in Crore)

| Particulars |   | 2022-23         | 2021-22         |
|-------------|---|-----------------|-----------------|
| <b>I.</b>   | <b>Interest Expense</b>                       |                 |                 |
|             | Interest on Secured Loans                     | 244.10          | 294.33          |
|             | Interest on Unsecured Loans                   | -               | 27.94           |
|             | Interest on Cash Credit facilities            | 0.18            | 0.05            |
|             | Interest on Others                            | 5.10            | 1.36            |
|             | Unwinding Cost - Back filling provision       | 756.92          | 607.07          |
|             | Unwinding Cost - Mine closure provision       | 102.54          | 107.13          |
|             | Unwinding Cost - Water Body                   | 410.92          | 284.32          |
|             | Unwinding Cost - Leases                       | 1.50            | 1.40            |
| <b>II.</b>  | <b>Other Borrowing Costs</b>                  |                 |                 |
|             | Loan Processing Charges / Other Finance Costs | 79.48           | 2.53            |
|             | <b>Total</b>                                  | <b>1,600.74</b> | <b>1,326.13</b> |

31.II.1 Other borrowing costs include, Restructuring Costs of Term Loans (STPP) being the Pre-payment Charges of Rs.74.70 Crore paid to M/s PFC and Tax burden amount of Rs.3.14 Crore paid to M/s REC aggregating to Rs.77.84 Crore in FY 2020-21 is admitted by Hon'ble TSERC in the Mid-Term Review Order dated 23.03.2023. The same is regularized and Revenue from Sale of Power is recognised. (Refer to Note no 26.4 and Note no 8.3).

## NOTE 31A: DEPRECIATION AND AMORTISATION EXPENSES

(Rs. in Crore)

| Particulars |  | 2022-23         | 2021-22         |
|-------------|--|-----------------|-----------------|
|             | Deprecation on PPE                     | 1,368.09        | 1,312.92        |
|             | Deprecation on Site Restoration Assets | 866.64          | 312.49          |
|             | Deprecation on Right of Use Assets     | 16.09           | 14.90           |
|             | Amortisation of Intangible Assets      | 27.79           | 0.42            |
|             | Deprecation on Investment Properties   | 1.04            | 0.02            |
|             | <b>Total - (A)</b>                     | <b>2,279.65</b> | <b>1,640.75</b> |
|             | Less : Capitalised Depreciation (B)    | 3.11            | 20.85           |
|             | <b>Total (A-B)</b>                     | <b>2,276.54</b> | <b>1,619.90</b> |

31A.1 Depreciation on PPE includes depreciation on Significant Spares of Rs.69.21 Crore which have been capitalized during the year of Rs.20.15 Crore in pursuance of modification of Accounting policy on PPE / Depreciation as at 2.2.3.C. (Refer Note No.3.5).

31A.2 Depreciation on PPE and Site Restoration Assets includes the depreciation charged on the Impaired Assets during the year of Rs.104.77 Crore and Rs.55.65 Crore respectively. The corresponding Impairment provision made in the previous years was withdrawn and credited to Statement of Profit & Loss of current year (Refer Note No.27.2 (i)).

## NOTE 32: POWER & FUEL

(Rs. in Crore)

| Particulars |  | 2022-23       | 2021-22       |
|-------------|--|---------------|---------------|
|             | Electricity charges                        | 413.39        | 386.59        |
|             | SLDC & Transmission Charges – Solar Energy | 14.25         | 8.33          |
|             | Others                                     | -             | 0.03          |
|             | <b>Total</b>                               | <b>427.64</b> | <b>394.95</b> |

*Notes to the consolidated financial statements for the year ended 31<sup>st</sup> March, 2023 (Contd...)*

32.1 Expenditure on Solar Power Plants of Rs.67.22 Crore is presented in the natural heads of expenditure (Previous Year Rs.68.85 Crore) i.e. Interest of Rs.9.91 Crore (Previous Year Rs.27.28 Crore), Depreciation of Rs.36.11 Crore (Previous Year Rs.29.77 Crore), transmission charges of Rs.14.25 Crore (Previous Year Rs.8.33 Crore), O&M charges of Rs.2.73 Crore (Previous Year Rs.0.98 Crore) and other expenditure of Rs.4.22 Crore (Previous Year Rs.2.49 Crore).

**NOTE 33: REPAIRS & MAINTENANCE**

(Rs. in Crore)

| Particulars       | 2022-23       | 2021-22       |
|-------------------|---------------|---------------|
| Plant & Equipment | 178.72        | 141.89        |
| Buildings         | 82.37         | 71.75         |
| Railway Sidings   | 3.29          | 5.75          |
| Others            | 0.90          | 0.69          |
| <b>Total</b>      | <b>265.28</b> | <b>220.08</b> |

**NOTE 34: CONTRACTUAL EXPENSES**

(Rs. in Crore)

| Particulars   | 2022-23         | 2021-22         |
|---|-----------------|-----------------|
| Coal Offloading   | 255.17          | 205.96          |
| OBR Offloading  | 1,773.56        | 1,624.67        |
| Top Soil Rehandling   | 9.19            | 6.41            |
| Transportation Charges  | 286.26          | 360.82          |
| Hiring of Heavy Earth Moving Machinery (HEMM), Weighbridge and others | 289.24          | 258.27          |
| Operations and Maintenance expenses:                                  |                 |                 |
| Adriyala Longwall Project   | 152.83          | 104.72          |
| Singareni Thermal Power Plant   | 94.76           | 89.78           |
| Solar power plants  | 2.95            | 0.98            |
| Security Services   | 90.31           | 82.71           |
| Others  | 14.79           | 31.40           |
| <b>Total</b>  | <b>2,969.06</b> | <b>2,765.72</b> |

34.1 Expenditure incurred on Hiring of HEMM & Others above are presented net of the payments towards Lease Elements during the year of Rs.17.74 Crore (Previous Year Rs. 16.19 Crore - Restated). (As per the requirement of Ind AS-116 – “Leases”).

**NOTE 35: PROVISIONS**

(Rs. in Crore)

| Particulars  | 2022-23       | 2021-22       |
|--|---------------|---------------|
| Obsolete Stores  | 17.49         | 0.01          |
| Shortage and Theft of Stores Material                        | -             | 0.03          |
| Doubtful Debts / Advances (Expected Credit Loss)             | 57.06         | 48.22         |
| Impairment - Site Restoration Cost (MCP-UG)                  | 8.04          | 130.11        |
| Impairment of Other Mining Infrastructure (Development - UG) | 28.16         | 503.98        |
| Impairment P&M, Buildings & Others                           | 32.78         | 17.85         |
| Impairment of CWIP (Development Expenditure)                 | 0.18          | 106.99        |
| <b>Total</b>   | <b>143.71</b> | <b>807.19</b> |



*Notes to the consolidated financial statements for the year ended 31<sup>st</sup> March, 2023 (Contd...)*

35.1 Provision towards Doubtful Debts and Advances (Expected Credit Loss) - represents the Provision recognized against the long outstanding Disputed Coal Dues from Power Generating Companies of Rs.40.44 Crore as there is significant uncertainty as to the collection of the dues. (Previous Year 43.03 Crore).

Balance provision of Rs.16.62 Crore includes the long outstanding dues towards Rent, Electricity and Water supply charges of Rs.2.52 Crore (Previous Year Rs.1.62 Crore), Dues from OB Contractor towards Service Tax remitted to the Dept. of Rs.1.60 Crore, Pre-GST VAT and CST Receivables of Rs.7.70 Crore, 2% Banking charges on the Solar Banked units revenue recognized upto FY 2021-22 of Rs.0.64 Crore, HRA excess payment recoverable of Rs.3.70 Crore and Advances paid to Vendors/Railways of Rs.0.30 Crore as the collection of which is considered as uncertain.

35.2 Provision for Impairment of CWIP (Development Expenditure) of Rs.106.99 Crore of the Previous year includes Provision made towards the Impairment of infructuous Capital Expenditure incurred on the non-viable Coal Blocks surrendered to Govt. of India of Rs.99.42 Crore (i.e., New Patrapada, Odisha State and Penagadapa, Telangana State) which was transacted as an 'Adjusting Event after the Reporting Date' as per Ind AS-10, in FY 2021-22.

**NOTE 36: WRITE-OFFS**

(Rs. in Crore)

| Particulars  | 2022-23      | 2021-22       |
|--|--------------|---------------|
| Bad & Doubtful Debts Written Off   | 5.12         | 331.75        |
| Advances Written Off   | -            | 0.03          |
| Assets / Stores Written Off  | 4.98         | 6.79          |
| Others (Infructuous Capital Expenditure of Surrendered non-viable coal blocks) | 63.14        | -             |
| <b>Total</b>   | <b>73.24</b> | <b>338.57</b> |

36.1 Write off of Bad and Doubtful debts includes write off of the Billing dispute claims disallowed by Hon'ble TSERC vide it's Order Dt. 21.11.2022 towards Incentive, additional coal cost beyond scheduled generation, licence fees and other cesses & taxes aggregating to Rs. 3.28 Crore (Refer Note No.26.5). Further, long outstanding dues towards Rent, Electricity, Water Supply charges from outside customers for an amount of Rs.1.72 Crore have been also written off in view of non-collectability.

Bad Debts Written-off in the previous year represents the write off of outstanding dues of Rs.331.20 Crore billed to M/s. TSGENCO in 2014-15 which were disputed due to State bifurcation related issues.

36.2 Assets Written-off include Obsolete Stores written off amounting to Rs.0.83 Crore (PY 5.40 Crore). The balance amount of Rs.2.37 Crore (Previous Year Rs.1.33 Crore) represents the write-off of carrying amount of PPE, Other Fixed Assets owing to surveyed off of Assets for obvious reasons and Assets not useful/non-retrievable on the closure of Mining Operations etc.

36.3 Other write offs during the year include write off of Infructuous Capital Expenditure incurred on non-viable Coal Blocks (i.e. New Patrapara, Odisha & Penagadapa, Telangana) surrendered to the Govt. of India, of Rs.62.81 Crore, which cannot be collected from the future allottees. Consequent to write off, the provision made in the earlier year towards Impairment of Rs.57.20 Crore is withdrawn and credited to the Profit & Loss Account of the Current Year. Hence, consequent to the write off the net impact on the profitability is Rs.5.61 Crore only (Refer Note No.27.2 (iv)).

**NOTE 37: OTHER EXPENSES**

(Rs. in Crore)

| Particulars |   | 2022-23 |               | 2021-22 |               |
|-------------|---|---------|---------------|---------|---------------|
| (a)         | Selling & Distribution                            |         | 64.20         |         | 54.67         |
| (b)         | Gain/Loss on Exchange Rate Variance               |         | 5.99          |         | (3.78)        |
| (c)         | Corporate Social Responsibility (CSR) Expenditure |         | 45.38         |         | 47.40         |
| (d)         | Donations   |         | 152.58        |         | 50.00         |
| (e)         | Payment to Auditors'                              |         |               |         |               |
|             | Statutory Audit Fee                               | 0.51    |               | 0.21    |               |
|             | Tax Audit Fee                                     | 0.01    |               | -       |               |
|             | Out of Pocket Expenses                            | 0.08    |               | 0.05    |               |
|             | Certification Fee                                 | 0.04    |               | 0.04    |               |
|             | Cost Audit Fee                                    | 0.05    | 0.69          | 0.03    | 0.33          |
| (f)         | Plantation/Horticulture Expenditure               |         | 18.43         |         | 17.01         |
| (g)         | Taxes and Expenses of STPP                        |         |               |         |               |
|             | i) Taxes on Coal consumed                         |         |               |         |               |
|             | Royalty - STPP                                    | 331.90  |               | 282.46  |               |
|             | Forest permit Fee –STPP                           | 5.42    |               | 5.38    |               |
|             | CMPS On Coal                                      | 5.42    | 342.74        | 5.38    | 293.22        |
|             | ii) Other Expenses at STPP                        |         |               |         |               |
|             | GST ITC Reversal-STPP                             | 150.17  |               | 116.40  |               |
|             | Shunting Charges-STPP                             | 8.92    | 159.09        | 7.64    | 124.04        |
| (h)         | Consultancy & Professional fee expenses           |         | 17.04         |         | 17.34         |
| (i)         | <b>Others:</b>                                    |         |               |         |               |
|             | Rents   | 0.48    |               | 0.64    |               |
|             | Insurance   | 13.88   |               | 14.03   |               |
|             | Rates & Taxes                                     | 20.35   |               | 23.39   |               |
|             | Travelling Expenses                               | 12.67   |               | 6.48    |               |
|             | Postage, Telegrams and Telephone                  | 4.74    |               | 4.66    |               |
|             | Legal Expenses                                    | 7.14    |               | 3.22    |               |
|             | Bank Charges and Commission                       | 4.33    |               | 2.42    |               |
|             | Directors' Travelling Expenses                    | 0.17    |               | 0.43    |               |
|             | Advertisements                                    | 2.71    |               | 1.95    |               |
|             | Research and Development Expenses                 | 5.93    |               | 4.30    |               |
|             | Journals and Periodicals                          | 0.31    |               | 0.20    |               |
|             | Printing and Stationary                           | 2.99    |               | 2.47    |               |
|             | Medical Expenditure                               | 0.38    |               | -       |               |
|             | CER/PH Commitments                                | 15.95   |               | -       |               |
|             | Other Expenses                                    | 20.55   | 112.58        | 8.22    | 72.41         |
|             | <b>Total</b>                                      |         | <b>918.72</b> |         | <b>672.64</b> |



*Notes to the consolidated financial statements for the year ended 31<sup>st</sup> March, 2023 (Contd...)*

- 37.1 CSR Expenditure includes an amount of Rs. 32.61 Crore (Previous year 34.71 Crore) being provision made towards the constructive obligation on account of works sanctioned as per CSR Policy during the year 2022-23 which have remained unspent (Ongoing works) as on 31.03.2023 and deposited to "Un-spent CSR Bank Account 2022-23", as per the amended provisions of CSR Rules (Refer Note no:14.5 and 24.3).
- 37.2 The Statutory Audit fee of FY 2022-23 includes an amount of Rs.0.15 Crore paid to the previous Statutory Auditors on account of enhancement fee from Rs.0.20 Crore to Rs.0.35 Crore.
- 37.3 Research and Development cost includes the expenditure incurred by the Company on setting up of Geo-Thermal Power Plant at Pagideru under S&T Project in addition to the grant of Rs.1.47 Crore released by M/s.CMPDIL to the Company which was inturn paid by the Company to the participating Agency M/s.Sriram Institute for Industrial Research. On grounding of the Project and successful implementation, the company is eligible to share of IP rights. In view of the uncertainty, the expenditure incurred by the Company amounting to Rs.0.39 Crore is charged off as Research and Development Expenditure.

**NOTE 38: EXCEPTIONAL ITEMS**

(Rs. in Crore)

| Particulars  | 2022-23         | 2021-22      |
|--|-----------------|--------------|
| Environment Remediation Plan Expenditure provision / (Withdrawal of Provision)                                       | 2.48            | (4.43)       |
| Provision against Penalty levied by Hon'ble National Green Tribunal (NGT) for EC Violation at JVR OCP/Khairagura OCP | 0.13            | 41.21        |
| Penalty levied against non-achievement of performance obligations at Adriyala Longwall Project.                      | (147.22)        | -            |
| <b>Total</b>   | <b>(144.61)</b> | <b>36.78</b> |

- 38.1 Environment remediation plan presented above represents provision for an amount of Rs.8.13 Crore made towards implementation of RP, CRAP, NCRAP & PH commitments in respect of the remaining Mines in Violation Category as reduced by the withdrawal of provision of Rs.5.65 Crore in respect of 6 Mines for which ECs were approved for four Mines by MoEF&CC and EAC/SEAC recommended ECs for six Mines during the year. (Refer No.22.4 and 39.10)
- 38.2 Provision for penalty levied by NGT presented above represents the provision recognized for an amount of Rs.0.13 Crore consequent to the notice issued by TSPCB on 05.06.2023 environmental violation observed at Kharagura OCP, in pursuance of Hon' NGT directions. (PY Penalty levied by NGT for EC violations at JVR OCP of Rs. 41.21 Crore) (Refer Note No.22.6 & Note No.39.10)
- 38.3 Penalty levied represents the forfeiture of 20% equipment value withheld of Euro 1,09,09,741.01 and invocation of Bank Guarantee of Euro 55,43,664.00 in pursuance of the decision taken by the Management to impose penalties against the non-achievement of performance obligations at Adriyala Longwall Project. The value of conversion to INR is Rs.147.22 Crore. (Refer Note No.39.10)

*Notes to the consolidated financial statements for the year ended 31<sup>st</sup> March, 2023 (Contd...)***NOTE 38A: OTHER COMPREHENSIVE INCOME (OCI)**

(Rs. in Crore)

| Particulars   | 2022-23         | 2021-22        |
|---|-----------------|----------------|
| Items that will not be reclassified to Profit or Loss:  |                 |                |
| Remeasurement gains / (losses) on Defined Benefit Plans |                 |                |
| a) Gratuity   | (354.58)        | 63.28          |
| b) Leave Encashment - Vesting                           | (108.04)        | 6.49           |
| c) CPRMS (Executives)                                   | (6.84)          | (19.51)        |
| d) CPRMS (Non-Executives)                               | (31.31)         | (98.93)        |
| <b>Sub-Total</b>  | <b>(500.77)</b> | <b>(48.67)</b> |
| Less: Deferred Tax on above                             | 125.50          | 12.25          |
| <b>Total</b>  | <b>(375.27)</b> | <b>(36.42)</b> |

38A.1 The above amounts include, increase in the Actuarial Valuation as on the Reporting Date due to experience adjustment on account of JBCCI wage agreement concluded for NCWA-XI on 20.05.2023, (i.e. Gratuity-Rs.359.87 Crore, Leave Encashment (vesting) - Rs.76.41 Crore). The incremental liability is transacted during the year considering the same as an 'Adjusting Event After the Reporting Date' as per the provisions of Ind AS-10 (Refer Note No.22.11).



**"Singareni Darshan" a mine visiting tour program launched by TSRTC**



## Additional Notes to the Financial Statements (Consolidated) for the year ended 31<sup>st</sup> March, 2023

### NOTE - 39

#### 1. FAIR VALUE MEASUREMENT:

##### A. Financial Instruments by Category :

(Rs. in Crore)

| Financial Assets and Liabilities | As at 31 <sup>st</sup> March, 2023 |        |                | As at 31 <sup>st</sup> March, 2022 |        |                |
|----------------------------------|------------------------------------|--------|----------------|------------------------------------|--------|----------------|
|                                  | FVTPL                              | FVTOCI | Amortized cost | FVTPL                              | FVTOCI | Amortized cost |
| <b>Financial Assets</b>          |                                    |        |                |                                    |        |                |
| Mutual Funds@                    | 500.25                             | -      | -              | -                                  | -      | -              |
| Loans                            | -                                  | -      | 41.95          | -                                  | -      | 57.00          |
| Others                           | -                                  | -      | 9,530.67       | -                                  | -      | 7,178.45       |
| Trade receivables                | -                                  | -      | 15,240.39      | -                                  | -      | 14,646.98      |
| Cash & cash equivalents          | -                                  | -      | 929.84         | -                                  | -      | 473.14         |
| Other Bank Balances              | -                                  | -      | 538.53         | -                                  | -      | 77.82          |
| Investments                      | -                                  | -      | 1,800.19       | -                                  | -      | 2,800.19       |
| <b>Financial Liabilities</b>     |                                    |        |                |                                    |        |                |
| Borrowings                       | -                                  | -      | 2,824.94       | -                                  | -      | 4,139.55       |
| Trade payables                   | -                                  | -      | 1,222.70       | -                                  | -      | 1,012.64       |
| Other Financial Liabilities      | -                                  | -      | 1,111.84       | -                                  | -      | 1,391.80       |

# FVTPL – Fair Value through Profit & Loss A/c

# FVTOCI- Fair Value through Other Comprehensive Income

@ Investments in Mutual Funds are classified as Equity Instruments and measured at Fair Value through Profit & Loss A/c.

##### B. Fair value hierarchy:

Table below shows Judgments and estimates made in determining the fair values of the financial instruments that are (a) recognized and measured at fair value and (b) measured at amortized cost and for which fair values are disclosed in the financial statements. To provide an indication about the reliability of the inputs used in determining fair value, the Company has classified its financial instruments into the three levels prescribed under the accounting standard. An explanation of each level follows underneath the table.

###### (a) Recognized and measured at Fair Value:

| Financial Assets and Liabilities measured at Fair Value | As at 31 <sup>st</sup> March, 2023 |          |           | As at 31 <sup>st</sup> March, 2022 |          |           |
|---|------------------------------------|----------|-----------|------------------------------------|----------|-----------|
|   | Level I                            | Level II | Level III | Level I                            | Level II | Level III |
| <b>Financial Assets at FVTPL</b>                        |                                    |          |           |                                    |          |           |
| Investments   | -                                  | -        | -         | -                                  | -        | -         |
| Mutual Funds  | -                                  | 500.25   | -         | -                                  | -        | -         |
| <b>Financial Liabilities</b>                            |                                    |          |           |                                    |          |           |
| If any item   | -                                  | -        | -         | -                                  | -        | -         |





Additional notes to the financial statements (consolidated) for the year ended 31<sup>st</sup> March, 2023 (contd...)

**(b) Measured at amortized cost and for which fair values are disclosed in the financial statements**

(Rs. in Crore)

| Financial assets and liabilities measured at amortized cost for which fair values are disclosed at 31 <sup>st</sup> March, 2023 | As at 31 <sup>st</sup> March, 2023 |          |           | As at 31 <sup>st</sup> March, 2022 |          |           |
|---|------------------------------------|----------|-----------|------------------------------------|----------|-----------|
|   | Level-I                            | Level-II | Level-III | Level-I                            | Level-II | Level-III |
| <b>Financial Assets at Amortized Cost</b>   | -                                  | -        | -         | -                                  | -        | -         |
| Loans   | -                                  | -        | 41.95     | -                                  | -        | 57.00     |
| Others  | -                                  | -        | 9,530.67  | -                                  | -        | 7,178.45  |
| Trade receivables   | -                                  | -        | 15,240.39 | -                                  | -        | 14,646.98 |
| Cash & cash equivalents   | -                                  | -        | 929.84    | -                                  | -        | 473.14    |
| Other Bank Balances   | -                                  | -        | 538.53    | -                                  | -        | 77.82     |
| Investments   | -                                  | -        | 1,800.19  | -                                  | -        | 2800.19   |
| <b>Financial Liabilities</b>  |                                    |          |           |                                    |          |           |
| Borrowings  | -                                  | -        | 2,824.94  | -                                  | -        | 4,139.55  |
| Trade payables  | -                                  | -        | 1,222.70  | -                                  | -        | 1,012.64  |
| Other Financial Liabilities   | -                                  | -        | 1,111.84  | -                                  | -        | 1,391.80  |

**Level-1:** Level-I hierarchy includes Financial Instruments measured using quoted prices

**Level-II:** The fair value of Financial Instruments that are not traded in an active market is determined using valuation techniques which maximize the use of observable market data and rely as little as possible on entity-specific estimates. If all significant inputs required to fair value an instrument are observable, the instrument is included in level-II. Investments other than investments in Joint Ventures/Subsidiary included in Level-II.

**Level-III:** If one or more of the significant inputs is not based on observable market data, the instrument is included in level-III. This is the case for unlisted equity securities, bonds, borrowings, security deposits and other liabilities taken included in level-III.

**(c) Valuation technique used in determining Fair Value**

- i) Valuation techniques used to value Financial Instruments include:
  - The use of quoted market prices of Instruments
  - The Fair Value of the remaining Financial Instruments is determined using discounted Cash Flow analysis

- ii) Fair Value measurements using significant unobservable inputs:

At present there are no Fair Value measurements using significant unobservable inputs.

**(d) Fair values of Financial Assets and Liabilities measured at Amortized cost**

- The carrying amounts of trade receivables, short term deposits, cash and cash equivalents, trade payables are considered to be the same as their fair values, due to their short-term nature.
- Other Financial Assets accounted at Amortized Cost are not carried at Fair Value only if same is not material.
- The Company considers that the security deposit does not include a significant financing component. The milestone payments (security deposits) coincide with the company's performance and the contract requires amounts to be retained for reasons other than the provision of finance. The withholding of a specified percentage of each milestone payment is intended to protect the interest of the company, from the contractor failing to adequately complete its obligations under the contract. Accordingly transaction cost of Security deposit is considered as fair value at initial recognition and subsequently measured at amortised cost.



*Additional notes to the financial statements (consolidated) for the year ended 31<sup>st</sup> March, 2023 (contd...)*

## **SIGNIFICANT ESTIMATES:**

The Fair Value of Financial Instruments that are not traded in an active market is determined using valuation techniques. The Company uses its judgment to select a method and makes suitable assumptions at the end of each reporting period.

## **2. RISK ANALYSIS AND MANAGEMENT**

### **Financial Risk Management Objectives and Policies**

The Company's principal Financial Liabilities comprise Loans and Borrowings, Trade and Other Payables directly related to its operations. The main purpose of these Financial Liabilities is to finance the Company's operations. The Company's principal Financial Assets include Loans, Trade and Other Receivables and Cash and Cash Equivalents that are derived directly from its operations.

The Company is exposed to Market Risk, Credit Risk and Liquidity Risk. The Company's senior management oversees the management of these risks. The Board of Directors reviews and agrees Policies for managing each of these risks, which are summarized below.

This note explains the sources of risk which the entity is exposed to and how the entity manages the risk in Financial Statements.

| <b>Risk</b>                  | <b>Exposure arising from</b>   | <b>Measurement</b>                      | <b>Management</b>   |
|------------------------------|--|---|---|
| Credit Risk                  | Cash and Cash equivalents, trade receivables financial asset measured at amortized cost            | Ageing analysis                         | Regular monitoring and review by senior management and audit committee  |
| Liquidity Risk               | Borrowings and other liabilities   | Periodic cash flows                     | Availability of committed credit lines and borrowing facilities         |
| Market Risk-foreign exchange | Future commercial transactions, recognized financial assets and liabilities not denominated in INR | Cash flow forecast sensitivity analysis | Regular monitoring and review by senior management and audit committee. |
| Market Risk-interest rate    | Cash and Cash equivalents, Bank deposits, Mutual Funds, Investments in Bonds                       | Cash flow forecast sensitivity analysis | Regular monitoring and review by senior management and audit committee  |

### **A. Credit Risk:**

Credit risk arises from Cash and Cash Equivalents, Investments carried at amortized cost and Deposits with Banks and Financial Institutions, as well as including outstanding receivables.

#### **Credit risk management:**

Macro - economic information (such as regulatory changes) is incorporated as part of the Fuel Supply Agreements (FSAs), Power Purchase Agreements (PPAs) and e-auction terms.

#### **Fuel Supply Agreements:**

As contemplated in and in accordance with the terms of the New Coal distribution Policy (NCDP), we enter into legally enforceable FSAs with our customers or with State Nominated Agencies that in turn enters into appropriate distribution arrangements with end customers. Our FSAs can be broadly categorized into:

- FSAs with customers in the power utilities sector, including State power utilities, Private Power Utilities ("PPUs") and Independent Power Producers ("IPPs");
- FSAs with customers in Non-Power Industries (including captive power plants ("CPPs")); and
- FSAs with State Nominated Agencies



*Additional notes to the financial statements (consolidated) for the year ended 31<sup>st</sup> March, 2023 (contd...)*

### Power Purchase Agreement:

SCCL is operating 2X600 MW Thermal Power Project (STPP). To secure guarantee of purchase of power and certainty of revenue stream, legally enforceable power purchase agreement has been entered with Southern Power Distribution Company of Telangana Ltd(TSSPDCL) and Northern Power Distribution Company of Telangana Ltd(TSNPDCL) on 18.01.2016 for 25 years from the date of COD of the project i.e., 02.12.2016.

### E-Auction Scheme:

The E-Auction scheme of coal has been introduced to provide access to coal for customers who were not able to source their coal requirement through the available institutional mechanisms under the NCDP for various reasons, for example, due to a less than full allocation of their normative requirement under NCDP, seasonality of their coal requirement and limited requirement of coal that does not warrant a long-term linkage. The quantity of coal to be offered under E-Auction is reviewed from time to time by the MOC.

Provision for Expected Credit Loss: The Company provides for expected credit risk loss for doubtful/ credit impaired assets, by lifetime expected credit losses (Simplified approach).

Expected Credit Losses for Trade Receivables under Simplified Approach: (Rs. in Crore)

| Exposure to risk           | As at 31 <sup>st</sup> March 2023 | As at 31 <sup>st</sup> March 2022 |
|----------------------------|-----------------------------------|-----------------------------------|
| Trade Receivables          | 15,498.55                         | 14,864.87                         |
| Less: Expected Credit Loss | 258.16                            | 217.89                            |
| <b>Total</b>               | <b>15,240.39</b>                  | <b>14,646.98</b>                  |

\* Including trade receivables (Non-current) before fairvalue adjustment.

Reconciliation of Credit Loss allowance provision – Trade receivables

| Particulars                          | Amount (Rs. in Crore) |
|--------------------------------------|-----------------------|
| <b>Loss allowance on 31.03.2022</b>  | <b>217.89</b>         |
| Changes in loss allowance in 2022-23 | 40.27                 |
| <b>Loss allowance on 31.03.2023</b>  | <b>258.16</b>         |

## Significant Estimates and Judgments:

### Impairment of Financial Assets

The impairment provisions for Financial Assets disclosed above are based on assumptions about risk of default and expected loss rates. The company uses judgement in making these assumptions and selecting the inputs to the impairment calculation, based on the company's past history, existing market conditions and uncertainty in collection as well as forward looking estimates, at the end of each reporting period.

### B. Liquidity Risk:

Prudent liquidity risk management implies maintaining sufficient cash and cash equivalents and the availability of funding through an adequate amount of committed credit facilities to meet obligations when due. Due to the dynamic nature of the underlying businesses, Company treasury maintains flexibility in funding by maintaining availability under committed credit lines.

Management monitors forecasts of the Company's liquidity position (comprising the undrawn borrowing facilities below) and cash and cash equivalents on the basis of expected cash flows..



*Additional notes to the financial statements (consolidated) for the year ended 31<sup>st</sup> March, 2023 (contd...)*

## Financing arrangements

The Company had access to the following undrawn borrowing facilities at the end of the Reporting Period.

(Rs. in Crore)

| Exposure to risk                     | As at 31 <sup>st</sup> March 2023 | As at 31 <sup>st</sup> March 2022 |
|--------------------------------------|-----------------------------------|-----------------------------------|
| <b>Interest bearing Borrowings :</b> |                                   |                                   |
| <b>On demand :</b>                   |                                   |                                   |
| Less than 365 days                   | -                                 | -                                 |
| More than 365 days :                 |                                   |                                   |
| SBI term Loan ( Solar ) @            | -                                 | 353.27                            |
| BOB term Loan (FGD)                  | 442.40                            | -                                 |
| <b>Total</b>                         | <b>442.40</b>                     | <b>353.27</b>                     |

\* Working Capital Limits(Cash Credit & Bill discounting ) are not considered.

@ SBI Term Loan availed for setting up of Solar Power Plants is repaid in FY 2022-23.

## C. Market Risk :

### a) Foreign currency risk :

The company's foreign exchange risk arises from payments to overseas suppliers (US Dollar, British Pound, Euro and Japanese Yen). A portion of the Company's trade payables are in these foreign currencies as under:

#### Trade Payables :

| Currency     | As at 31.03.2023 | Exchange Rate (INR) | Amount (Rs. Crore) | As at 31.03.2022 | Exchange Rate (INR) | Amount (Rs. Crore) |
|--------------|------------------|---------------------|--------------------|------------------|---------------------|--------------------|
| EURO (€)     | € 87,892         | 89.22               | 0.78               | € 1,10,07,633    | 84.24               | 92.73              |
| GBP (£)      | -                | -                   | -                  | £77,012          | 99.48               | 0.77               |
| USD (\$)     | -                | -                   | -                  | \$3,14,280       | 75.80               | 2.38               |
| <b>Total</b> |                  |                     | <b>0.78</b>        |                  |                     | <b>95.88</b>       |

As a result, if the value of the Indian rupee depreciates relative to these foreign currencies, the Company's foreign exchange outflow in Indian rupees may increase. The company has not entered into any hedging arrangement.

In respect of the above Trade Payables in Foreign Exchange, every 10% decrease /increase in the exchange rates will have a Financial impact (before tax) of Rs.0.08 Crore either side (Rs.9.59 Crore for year ended 31.03.2022).

### b) Cash flow and fair value interest rate risk: Ind AS 107(33)(a) :

The company's main interest rate risk arises from bank deposits with change in interest rate exposes the company to cash flow interest rate risk. Company's policy is to maintain most of its deposits at fixed rate.

#### Interest rate risk on the Borrowings:

As on 31.03.2023, the Company had obtained loans with floating rate of interest rates as under:

| Loan from           | Basis of interest                | As at 31.03.2023                 |                      | As at 31.03.2022                 |                      |
|---------------------|----------------------------------|----------------------------------|----------------------|----------------------------------|----------------------|
|                     |                                  | Amount outstanding (Rs in Crore) | Rate of Interest p.a | Amount outstanding (Rs in Crore) | Rate of Interest p.a |
| State Bank of India | 1 Year MCLR plus 25 bps          | 2,061.45                         | 8.20%                | 2,393.98                         | 7.25%                |
| ICICI Bank          | 3 Month Treasury Bill plus 1.86% | 713.99                           | 8.63%                | 832.99                           | 6.93%                |
| State Bank of India | 1 Year MCLR plus 34 bps          | -                                | -                    | 475.62                           | 7.34%                |
| Bank of Baroda      | 1 Year SBI MCLR                  | 45.15                            | 7.20%                | -                                | -                    |
| <b>Total</b>        |                                  | <b>2,820.59</b>                  |                      | <b>3,702.59</b>                  |                      |

**Additional notes to the financial statements (consolidated) for the year ended 31<sup>st</sup> March, 2023 (contd...)**

On the above loan balance outstanding as on the Reporting Date, every 10 bps increase/ decrease in the floating interest rate component (i.e., MCLR and Treasury Bill rate) on the respective reset dates, shall result in Loss/ Profit of Rs.1.47 Crore (approx.), as the case may be, in the next financial periods (the actual impact on this count for FY 2022-23 Rs.17.13 Crore (Loss)) (Please refer Note-19 for details of the Company's borrowings including interest rate profiles)

**c) Equity instruments in Mutual Funds are subjected to market risk.**

The Company's policy is to invest in Mutual Funds in the debt based instruments for short periods only to minimize the exposure to the market risk.

**Capital Management:**

The company being a Government Entity manages its capital as per the guidelines of Department of Investment and Public Asset Management under Ministry of Finance.

Capital Structure of the company is as follows:

(Rs. in Crore)

| Particulars                                      | As at 31.03.2023 | As at 31.03.2022 |
|--|------------------|------------------|
| Equity Share capital                             | 1,733.20         | 1,733.20         |
| Long term debt (SBI+ICICI Bank+BOB+SBI Solar #)* | 2,369.91         | 2,776.29         |

\* Excluding Current maturities and prepayment of Long term Debt as on 31.03.2023 of Rs.450.68 Crore (As on 31.03.2022 Rs.926.30 Crore).

# SBI (Solar) Term Loan of Rs.475.62 Crore was repaid during the current year. This loan amount was included in the current maturities of Rs.926.30 Crore as on 31.03.2022 mentioned above.

**3. Employee Benefits: Recognition and Measurement (Ind AS-19):****i) Defined Contribution Plans :**

The Company operates Defined Contribution Plans which include the following

(Rs. in Crore)

| Sl. No | Particulars   | For the FY 2022-23 | For the FY 2021-22 |
|--------|---|--------------------|--------------------|
| 1      | Coal Mines Provident Fund Scheme is a Defined Contribution Plan and charged off to Statement of Profit & Loss.(#) (*) | 675.92             | 661.77             |
| 2      | Superannuation & Pension Benefit to the Executive Cadre employees (#).  | 29.28              | 47.90              |

# Excluding the expenditure transferred to CWIP(REC) in respect of Mines under development

\* Including Extended Service benefit during the extended service period i.e. 60 Years to 61 Years

**ii) Defined benefit Plans:**

The Company operates Defined Benefit Plans as follows which are valued on Actuarial basis:

|                                  |                                       |
|----------------------------------|---------------------------------------|
| Gratuity (Funded)                | Leave Encashment (Vesting) (unfunded) |
| Leave Entitlements (Non-Vesting) | Settling Allowance                    |
| Leave Travel Concession          | Monthly Monetary Compensation (MMC)   |
| CPRMS(E)                         | CPRMS(NE)                             |



*Additional notes to the financial statements (consolidated) for the year ended 31<sup>st</sup> March, 2023 (contd...)*

- iii) Total liability as on 31.03.2023 based on valuation made by the Actuary, details of which are mentioned below is Rs.5,229.12 Crore (Previous Year Rs.5,258.44 Crore)

(Rs. in Crore)

| Particulars                      | Actuarial Liability as on 01.04.2022 | Incremental Liability for the Year # | Actuarial Liability as on 31.03.2023 |
|----------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|
| Gratuity                         | 3,312.68                             | (388.37)                             | 2,924.31                             |
| Leave Encashment (Vesting)       | 673.61                               | 134.44                               | 808.05                               |
| Leave Entitlements (Non-Vesting) | 171.43                               | 20.13                                | 191.56                               |
| CPRMS(E)                         | 227.48                               | 26.45                                | 253.93                               |
| CPRMS(NE) **                     | 596.07                               | 69.90                                | 665.97                               |
| Monthly Monetary Compensation    | 141.06                               | 56.17                                | 197.23                               |
| Settling Allowance               | 69.80                                | 35.01                                | 104.81                               |
| Leave Travel concession          | 66.31                                | 16.95                                | 83.26                                |
| Total                            | 5,258.44                             | (29.32)                              | 5,229.12                             |

# Includes the liability increase on account of NCWA-XI Wage Agreement concluded on 20.05.2023.

**a) Gratuity:**

Gratuity payable to eligible employees is administered by a separate Trust. The Liability towards Gratuity as on each Reporting Date is made on the basis of Actuarial Valuation. The Actuarial Liability (as certified by the Actuary) towards Gratuity net of Funds maintained in the Trust (Unfunded Liability) amounted to Rs.2,924.31 Crore as at 31.3.2023 (Previous Year Rs. 3,312.68 Crore). The above liability as on 31.03.2023 includes an amount of Rs.359.87 Crore towards incremental liability owing to NCWA XI Wage Revision.

**b) Leave Encashment (Vesting):**

Leave Encashment benefits which are encashable in service or on retirement (i.e. Vesting) payable to employees, at the end of the year, are recognized based on the Actuarial Valuation. The Actuarial Liability (as certified by the Actuary) towards Leave Encashment (Vesting) and the outstanding amounts towards leaves encashed during the year amounted to Rs.808.06 Crore as at 31.03.2023 (Previous Year Rs. 673.61 Crore). The above liability as on 31.03.2023 includes an amount of Rs.76.41 Crore towards incremental liability owing to NCWA XI Wage Revision.

**c) Leave Entitlements (Non-Vesting):**

Leave entitlements which are non-encashable in service or on retirement or on resignation (i.e. Non-Vesting) are recognized on Actuarial Valuation. After applying the Non Availment Factor of 40%, the Liability as per the Actuarial valuation as on 31.03.2023 is Rs.191.56 Crore. (Previous Year Rs.171.43 Crore). The above liability as on 31.03.2023 includes an amount of Rs.14.70 Crore towards incremental liability owing to NCWA XI Wage Revision.

**d) Contributory Post Retirement Medicare Scheme: CPRMS (E)**

The Actuarial Liability (as certified by the Actuary) for Contributory Post Retirement Medicare Scheme for Executives & their spouses against plan benefits (yearly domiciliary treatment and Rs.25.00 Lakh designated benefit) amounted to Rs.253.93 Crore as at 31.03.2023 (Rs. 227.48 Crore up to 31.03.2022). An amount of Rs.37.50 Crore is charged to Revenue (Previous Year Rs.44.46 Crore). During this year, scheme benefits of Rs.11.04 Crore are paid to Retired Executives (PY Rs.10.78 Crore)



**e) Contributory Post Retirement Medicare Scheme: CPRMS (NE)**

- (i) The Company has implemented Contributory Post Retirement Medicare Scheme for Non-Executives (CPRMS-NE) as per JBCCI Agreement. As per the Scheme, the designated Benefit of Medical reimbursement is Rs.8.00 Lakhs / per employee.
- (ii) As per the modalities of the Scheme, the Employees have to contribute Rs.40,000/- as their contribution. The employees who have retired in earlier wage periods have to contribute specified amounts. The Company also has to contribute Rs.18,000/- per employee for those employees who were on rolls as on 01.07.2016 and who have joined thereafter. From FY 2021-22 onwards, the Company is recognizing the liability on Actuarial valuation basis treating the same as Defined Benefit Obligation, as the Company is having constructive obligation to extend the plan benefits irrespective of the sufficiency of the contributions.
- (iii) The liability towards CPRMS(NE) based on Actuarial valuation as on 31.03.2023 is Rs.665.97 Crore (Previous Year Rs.596.07 Crore)

**f) Monthly Monetary Compensation (MMC)**

Monthly Monetary Compensation to dependants of deceased in mines accidents/ medical unfit, etc., & Low Productive Employees are valued on actuarial basis and actuarial liability as at 31.03.2023 is Rs.197.23 Crore (Previous Year Rs. 141.07 Crore). The above liability as on 31.03.2023 includes an amount of Rs.58.30 Crore towards incremental liability owing to NCWA XI Wage Revision.

**g) Settling in Allowance:**

Liability on account of amounts payable to the separated employees for settling at their Home Towns /Place of settlement is valued on actuarial basis. The actuarial liability as at 31.03.2023 is Rs.104.81 Crore (Previous Year of Rs. 69.80 Crore). The above liability as on 31.03.2023 includes an amount of Rs.30.17 Crore towards incremental liability owing to NCWA XI Wage Revision.

**h) Leave Travel concession:**

Leave Travel Concession is valued on actuarial basis, the actuarial liability as at 31.03.2023 is Rs.83.26 Crore (Previous Year Rs. 66.31 Crore). An amount of Rs.18.47 Crore was paid under this Scheme and charged to revenue during the year (Previous Year Rs.17.40 Crore).The above liability as on 31.03.2023 includes an amount of Rs.18.03 Crore towards incremental liability owing to NCWA XI Wage Revision.



Additional notes to the financial statements (consolidated) for the year ended 31<sup>st</sup> March, 2023 (contd...)

**iv) Disclosure as per Actuary's Certificate:**

The disclosures as per Actuary's Certificate for employee benefits for Gratuity (funded) and Leave Encashment (funded) are given below:

**ACTUARIAL VALUATION OF GRATUITY LIABILITY - DISCLOSURES AS PER IND AS-19**

(Rs. in Crore)

| Changes in Present Value of defined benefit obligations                      | As at 31.03.2023 | As at 31.03.2022 |
|--|------------------|------------------|
| Present Value of obligation at beginning of the period                       | 3,981.19         | 4,083.09         |
| Current Service Cost   | 166.28           | 158.39           |
| Past Service Cost  | -                | -                |
| Interest Cost  | 254.43           | 242.61           |
| Actuarial (Gain) / Loss on obligations due to change in financial assumption | (33.30)          | (124.22)         |
| Actuarial (Gain) / Loss on obligations due to experience adjustments         | 364.97           | 59.73            |
| Benefits Paid  | (689.22)         | (439.13)         |
| <b>Present Value of obligation at end of the year</b>                        | <b>4,043.75</b>  | <b>3,981.19</b>  |

Including pending claims for settlement of Rs.475.68 Crore as on 31.03.2023 (PY Rs.503.33 Crore) and Supplementary claims of Rs.40.67 Crore on account of NCWA XI wage revision (settled and pending claims of Not Onroll employees for the period 01.07.2021 to 31.03.2023) as on 31.03.2023

(Rs. in Crore)

| Changes in Fair Value of Plan Assets                  | As at 31.03.2023 | As at 31.03.2022 |
|---|------------------|------------------|
| Fair Value of Plan Asset at beginning of the period   | 668.51           | 720.95           |
| Interest Income                                       | 63.92            | 55.41            |
| Employer Contributions                                | 1,099.13         | 332.50           |
| Benefits Paid   | (689.22)         | (439.14)         |
| Return on Plan Assets excluding Interest income       | (22.90)          | (1.21)           |
| <b>Fair Value of Plan Asset as at end of the year</b> | <b>1,119.44</b>  | <b>668.51</b>    |

(Rs. in Crore)

| Statement showing reconciliation to Balance Sheet | As at 31.03.2023 | As at 31.03.2022 |
|---|------------------|------------------|
| Fund Liability                                    | 4,043.75         | 3,981.19         |
| Fund Asset  | 1,119.44         | 668.51           |
| <b>Un Funded Status</b>                           | <b>2,924.31</b>  | <b>3,312.68</b>  |

(Rs. in Crore)

| Expense Recognized in Statement of Profit / Loss                     | As at 31.03.2023 | As at 31.03.2022 |
|--|------------------|------------------|
| Current Service Cost   | 166.28           | 158.39           |
| Past Service Cost  | -                | -                |
| Net Interest Cost  | 190.51           | 187.20           |
| <b>Benefit Cost (Expense recognized in Statement of Profit/Loss)</b> | <b>356.79</b>    | <b>345.59</b>    |





Additional notes to the financial statements (consolidated) for the year ended 31<sup>st</sup> March, 2023 (contd...)

(Rs. in Crore)

| Other Comprehensive Income  | As at 31.03.2023 | As at 31.03.2022 |
|---|------------------|------------------|
| Actuarial (Gain) / Loss on obligations due to change in financial assumption        | (33.30)          | (124.22)         |
| Actuarial (Gain) / Loss on obligations due to experience adjustments                | 364.97           | 59.73            |
| <b>Total Actuarial (Gain) / Loss</b>  | -                | -                |
| Return on Plan Asset, excluding Interest Income                                     | 22.90            | 1.21             |
| Balance at the end of the year  | -                | -                |
| <b>Net (Income) / Expense for the year recognized in Other Comprehensive Income</b> | <b>354.57</b>    | <b>(63.28)</b>   |

(Rs. in Crore)

| Statement showing Plan Assumptions                       | As at 31.03.2023  | As at 31.03.2022  |
|--|-------------------|-------------------|
| Discount Rate  | 7.51%             | 7.32%             |
| Expected Return on Plan Asset                            | 7.51%             | 7.32%             |
| Rate of Compensation Increase (Salary Inflation)         | 6.75%             | 6.50%             |
| Average Expected Future Service (Remaining Working Life) | 17.87 Years       | 16.77 Years       |
| Average Duration of Liabilities                          | 16.74 Years       | 18.21 Years       |
| Superannuation at Age                                    | 61 Years          | 61 Years          |
| <b>Gratuity limit</b>                                    | <b>Rs.20 lakh</b> | <b>Rs.20 lakh</b> |

**Mortality , Disability, Withdrawal & Retirement table As at 31.03.2023**

| Attained Age | Percentage          |        |            |        | Percentage |        |            |         |
|--------------|---------------------|--------|------------|--------|------------|--------|------------|---------|
|              | Abs. Mortality Rate |        | Disability |        | Withdrawal |        | Retirement |         |
|              | Male                | Female | Male       | Female | Male       | Female | Male       | Female  |
| 20           | 0.09%               | 0.09%  | 0.00%      | 0.00%  | 1.00%      | 1.00%  | 0.00%      | 0.00%   |
| 25           | 0.09%               | 0.09%  | 0.00%      | 0.00%  | 1.00%      | 1.00%  | 0.00%      | 0.00%   |
| 30           | 0.10%               | 0.10%  | 0.00%      | 0.00%  | 1.00%      | 1.00%  | 0.00%      | 0.00%   |
| 35           | 0.12%               | 0.12%  | 0.00%      | 0.00%  | 1.00%      | 1.00%  | 0.00%      | 0.00%   |
| 40           | 0.17%               | 0.17%  | 0.00%      | 0.00%  | 1.00%      | 1.00%  | 0.00%      | 0.00%   |
| 45           | 0.26%               | 0.26%  | 0.00%      | 0.00%  | 1.00%      | 1.00%  | 0.00%      | 0.00%   |
| 50           | 0.44%               | 0.44%  | 0.00%      | 0.00%  | 1.00%      | 1.00%  | 0.00%      | 0.00%   |
| 55           | 0.75%               | 0.75%  | 0.00%      | 0.00%  | 1.00%      | 1.00%  | 0.00%      | 0.00%   |
| 60           | 1.12%               | 1.12%  | 0.00%      | 0.00%  | 1.00%      | 1.00%  | 0.00%      | 0.00%   |
| 61           | 1.20%               | 1.20%  | 0.00%      | 0.00%  | 1.00%      | 1.00%  | 100.00%    | 100.00% |

(Rs. in Crore)

| Statement Showing Benefit Information Estimated Future payments (Past Service) |                 |                 |
|--|-----------------|-----------------|
| Year   | 31.03.2023      | 31.03.2022      |
| 1  | 910.32          | 1,098.03        |
| 2  | 410.69          | 324.6           |
| 3  | 595.07          | 560.99          |
| 4  | 523.91          | 525.86          |
| 5  | 470.19          | 454.07          |
| 6 to 10  | 1,791.81        | 1,692.46        |
| More than 10 years   | 4,279.00        | 3,551.36        |
| <b>Projected Benefit Obligation</b>  | <b>8,980.99</b> | <b>8,207.37</b> |



Additional notes to the financial statements (consolidated) for the year ended 31<sup>st</sup> March, 2023 (contd...)

### Sensitivity Analysis:

Discount Rate, Salary Escalation Rate and Withdrawal Rate are significant actuarial assumptions. The change in the Present Value of Defined Benefit Obligation for a change of 100 Basis Points from the assumed assumption is given below:

| Scenario                       | 2022-23                                    |          | 2021-22                                    |          |
|--------------------------------|--|----------|--|----------|
|                                | Present Value of Obligation (Rs. in Crore) | % Change | Present Value of Obligation (Rs. in Crore) | % Change |
| Under Base Scenario            | 4,043.75                                   | -        | 3,981.19                                   | -        |
| Salary Escalation - Up by 1%   | 4,101.16                                   | 1.42%    | 4,030.43                                   | 1.24%    |
| Salary Escalation - Down by 1% | 3,981.91                                   | -1.53%   | 3,925.22                                   | -1.41%   |
| Withdrawal Rates - Up by 1%    | 4,087.67                                   | 1.09%    | 4,013.30                                   | 0.81%    |
| Withdrawal Rates - Down by 1%  | 3,997.34                                   | -1.15%   | 3,946.11                                   | -0.88%   |
| Discount Rates - Up by 1%      | 3,779.85                                   | -6.53%   | 3,740.31                                   | -6.05%   |
| Discount Rates - Down by 1%    | 4,349.17                                   | 7.55%    | 4,257.02                                   | 6.93%    |
| Mortality Rates - Up by 10%    | 4,040.89                                   | -0.07%   | -  | -        |
| Mortality Rates - Down by 10%  | 4,034.16                                   | -0.24%   | -  | -        |

\*\* Claims of Not-on-roll employees pending for settlement of Rs.475.69 Crore as on 31.03.2023 (PY Rs.503.33 Crore) and supplementary claims of Rs.40.67 Crore on account of NCWA-XI wage revision (settled and pending claims for the period 01.07.2021 to 31.03.2023) as on 31.03.2023 included in the Valuation are not subjected to the above Sensitivity factors.

| (Rs. in Crore)  |                  |                  |
|---|------------------|------------------|
| Statement Showing Cash Flow Information                             | 31.03.2023       | 31.03.2022       |
| Current service Cost (Employer portion Only) Next period            | 175.38           | 165.90           |
| Interest Cost in next period  | 264.82           | 254.05           |
| Expected Return on Plan Asset in Next period                        | 89.11            | 34.02            |
| Benefit Cost in Next period   | 650.48           | 600.00           |
| Expected Contribution to the Trust in Next period                   | 801.05           | 400.00           |
| (Rs. in Crore)  |                  |                  |
| Statement showing present value of Obligation (Non-Current/Current) | As at 31.03.2023 | As at 31.03.2022 |
| Current liability   | -                | -                |
| Non-Current Liability   | 4,043.75         | 3,981.19         |
| <b>Net Liability</b>  | <b>4,043.75</b>  | <b>3,981.19</b>  |

Additional notes to the financial statements (consolidated) for the year ended 31<sup>st</sup> March, 2023 (contd...)

**ACTUARIAL VALUATION OF LEAVE ENCASHMENT BENEFIT (VESTING)**  
**EARNED LEAVE(EL)/ HALF PAY LEAVE(HPL)-DISCLOSURES AS PER IND AS-19 :**

(Rs. in Crore)

| Changes in Present Value of defined benefit obligations                      | As at<br>31.03.2023 | As at<br>31.03.2022 |
|--|---------------------|---------------------|
| Present Value of obligation at beginning of the period                       | 673.61              | 643.10              |
| Current Service Cost   | 110.28              | 99.03               |
| Interest Cost  | 48.64               | 42.67               |
| Actuarial (Gain) / Loss on obligations due to change in financial assumption | 2.98                | (22.09)             |
| Actuarial (Gain) / Loss on obligations due to experience adjustments         | 105.36              | 15.71               |
| Benefits Paid  | (132.82)            | (104.81)            |
| <b>Present Value of obligation at end of the period</b>                      | <b>808.05</b>       | <b>673.61</b>       |

(Rs. in Crore)

| Changes in Fair Value of Plan Assets                | As at<br>31.03.2023 | As at<br>31.03.2022 |
|---|---------------------|---------------------|
| Fair Value of Plan Asset at beginning of the period | Unfunded            | Unfunded            |
| Interest Income                                     | Unfunded            | Unfunded            |
| Employer Contributions                              | Unfunded            | Unfunded            |
| Benefits Paid                                       | Unfunded            | Unfunded            |
| Return on Plan Assets excluding Interest income     | Unfunded            | Unfunded            |
| Fair Value of Plan Asset as at end of the period    | Unfunded            | Unfunded            |

(Rs. in Crore)

| Statement showing reconciliation to Balance Sheet | As at<br>31.03.2023 | As at<br>31.03.2022 |
|---|---------------------|---------------------|
| Fund Liability                                    | 808.05              | 673.61              |
| Fund Asset  | -                   | -                   |
| Un Funded Status                                  | Unfunded            | Unfunded            |

(Rs. in Crore)

| Statement showing Plan Assumptions:                      | As at<br>31.03.2023 | As at<br>31.03.2022 |
|--|---------------------|---------------------|
| Discount Rate  | 7.51%               | 7.32%               |
| Rate of Compensation Increase (Salary Inflation)         | 6.75%               | 6.50%               |
| Average Expected Future Service (Remaining Working Life) | 17.87 Years         | 16.77 Years         |
| Average Duration of Liabilities                          | 16.74 Years         | 18.21 Years         |
| Superannuation at Age                                    | 61 Years            | 61 Years            |

(Rs. in Crore)

| Expense Recognized in Statement of Profit / Loss                     | As at<br>31.03.2023 | As at<br>31.03.2022 |
|--|---------------------|---------------------|
| Current Service Cost   | 110.28              | 99.03               |
| Net Interest Cost  | 48.64               | 42.67               |
| <b>Benefit Cost (Expense recognized in Statement of Profit/Loss)</b> | <b>158.92</b>       | <b>141.70</b>       |



Additional notes to the financial statements (consolidated) for the year ended 31<sup>st</sup> March, 2023 (contd...)

(Rs. in Crore)

| Other Comprehensive Income  | As at<br>31.03.2023 | As at<br>31.03.2022 |
|---|---------------------|---------------------|
| Actuarial (Gain) / Loss on obligations due to change in financial assumption          | 2.98                | (22.09)             |
| Actuarial (Gain) / Loss on obligations due to experience adjustments                  | 105.36              | 15.71               |
| <b>Net (Income) / Expense for the period recognized in Other Comprehensive Income</b> | <b>108.34</b>       | <b>(6.38)</b>       |

| Mortality , Disability, Attrition & Retirement table As at 31.03.2023 |                     |        |            |        |            |        |            |         |
|---|---------------------|--------|------------|--------|------------|--------|------------|---------|
| Attained Age  | Percentage          |        |            |        | Percentage |        |            |         |
|   | Abs. Mortality Rate |        | Disability |        | Attrition  |        | Retirement |         |
|   | Male                | Female | Male       | Female | Male       | Female | Male       | Female  |
| 20  | 0.09%               | 0.09%  | 0.00%      | 0.00%  | 1.00%      | 1.00%  | 0.00%      | 0.00%   |
| 25  | 0.09%               | 0.09%  | 0.00%      | 0.00%  | 1.00%      | 1.00%  | 0.00%      | 0.00%   |
| 30  | 0.10%               | 0.10%  | 0.00%      | 0.00%  | 1.00%      | 1.00%  | 0.00%      | 0.00%   |
| 35  | 0.12%               | 0.12%  | 0.00%      | 0.00%  | 1.00%      | 1.00%  | 0.00%      | 0.00%   |
| 40  | 0.17%               | 0.17%  | 0.00%      | 0.00%  | 1.00%      | 1.00%  | 0.00%      | 0.00%   |
| 45  | 0.26%               | 0.26%  | 0.00%      | 0.00%  | 1.00%      | 1.00%  | 0.00%      | 0.00%   |
| 50  | 0.44%               | 0.44%  | 0.00%      | 0.00%  | 1.00%      | 1.00%  | 0.00%      | 0.00%   |
| 55  | 0.75%               | 0.75%  | 0.00%      | 0.00%  | 1.00%      | 1.00%  | 0.00%      | 0.00%   |
| 60  | 1.12%               | 1.12%  | 0.00%      | 0.00%  | 1.00%      | 1.00%  | 0.00%      | 0.00%   |
| 61  | 1.20%               | 1.20%  | 0.00%      | 0.00%  | 1.00%      | 1.00%  | 100.00%    | 100.00% |

### Sensitivity Analysis:

Discount Rate, Salary Escalation Rate and Withdrawal Rate are significant actuarial assumptions. The change in the Present Value of Defined Benefit Obligation for a change of 100 Basis Points from the assumed assumption is given below:

| Scenario                       | 2022-23                                    |          | 2021-22                                    |          |
|--------------------------------|--|----------|--|----------|
|                                | Present Value of Obligation (Rs. in Crore) | % Change | Present Value of Obligation (Rs. in Crore) | % Change |
| Under Base Scenario            | 808.05                                     | -        | 673.61                                     | -        |
| Salary Escalation - Up by 1%   | 872.46                                     | 7.97%    | 702.80                                     | 4.33%    |
| Salary Escalation - Down by 1% | 751.14                                     | -7.04%   | 643.26                                     | -4.51%   |
| Attrition Rates - Up by 1%     | 811.41                                     | 0.42%    | 671.63                                     | -0.29%   |
| Attrition Rates - Down by 1%   | 804.25                                     | -0.47%   | 672.45                                     | -0.17%   |
| Discount Rates - Up by 1%      | 756.08                                     | -6.43%   | 647.33                                     | -3.90%   |
| Discount Rates - Down by 1%    | 867.91                                     | 7.41%    | 698.95                                     | 3.76%    |
| Mortality Rates - Up by 10%    | 806.75                                     | -0.16%   | -  | -        |
| Mortality Rates - Down by 10%  | 806.48                                     | -0.19%   | -  | -        |

\*\* Claims of Not-on-roll employees pending for settlement of Rs.15.91 Crore as on 31.03.2023 (PY Rs.8.78 Crore) are included in the Valuation as these claims are not subjected to the above Sensitivity factors.



Additional notes to the financial statements (consolidated) for the year ended 31<sup>st</sup> March, 2023 (contd...)

(Rs. in Crore)

| Statement Showing Benefit Information Estimated Future payments |            |            |  |
|---|------------|------------|--|
| Year  | 31.03.2023 | 31.03.2022 |  |
| 1   | 120.36     | 172.03     |  |
| 2   | 86.89      | 140.94     |  |
| 3   | 106.75     | 138.49     |  |
| 4   | 104.75     | 120.99     |  |
| 5   | 92.41      | 103.21     |  |
| 6 to 10   | 342.70     | 289.51     |  |
| More than 10 years  | 818.79     | 204.75     |  |
| Projected Benefit Obligation                                    | 1,672.65   | 1,169.92   |  |

(Rs. in Crore)

| Statement showing present value of Obligation (Non-Current/Current) | As at 31.03.2023 | As at 31.03.2022 |
|---|------------------|------------------|
| Current liability   | 120.36           | 114.94           |
| Non-Current Liability   | 687.69           | 558.67           |
| <b>Net Liability</b>  | <b>808.05</b>    | <b>673.61</b>    |



**Priority to Eco friendly mining : Shearer cutting coal in Adriyala Longwall Panel**



Additional notes to the financial statements (consolidated) for the year ended 31<sup>st</sup> March, 2023 (contd...)

## ACTUARIAL VALUATION OF CONTRIBUTORY POST RETIREMENT MEDICARE SCHEME (EXECUTIVES)-DISCLOSURES AS PER IND AS-19 :

(Rs. in Crore)

| Changes in Present Value of defined benefit obligations                         | As at 31.03.2023 | As at<br>31.03.2022 |
|---|------------------|---------------------|
| Present Value of obligation at beginning of the period                          | 227.48           | 193.80              |
| Current Service Cost  | 14.08            | 11.68               |
| Interest Cost   | 16.58            | 13.27               |
| Actuarial (Gain) / Loss on obligations due to change in demographic assumptions | -                | 16.48               |
| Actuarial (Gain) / Loss on obligations due to change in financial assumption    | 1.11             | (14.27)             |
| Actuarial (Gain) / Loss on obligations due to experience adjustments            | 5.72             | 17.29               |
| Benefits Paid   | (11.04)          | (10.77)             |
| <b>Present Value of obligation at end of the period</b>                         | <b>253.93</b>    | <b>227.48</b>       |

(Rs. in Crore)

| Changes in Fair Value of Plan Assets                | As at 31.03.2023 | As at<br>31.03.2022 |
|---|------------------|---------------------|
| Fair Value of Plan Asset at beginning of the period | -                | -                   |
| Interest Income                                     | -                | -                   |
| Employer Contributions                              | -                | -                   |
| Benefits Paid                                       | -                | -                   |
| Return on Plan Assets excluding Interest income     | -                | -                   |
| Fair Value of Plan Asset as at end of the period    | -                | -                   |

(Rs. in Crore)

| Statement showing reconciliation to Balance Sheet | As at 31.03.2023 | As at<br>31.03.2022 |
|---|------------------|---------------------|
| Fund Liability                                    | 253.93           | 227.48              |
| Fund Asset  | -                | -                   |
| Un Funded Status                                  | 253.93           | 227.48              |

(Rs. in Crore)

| Statement showing Plan Assumptions: | As at 31.03.2023   | As at<br>31.03.2022  |
|-------------------------------------|--|--|
| Discount Rate                       | 7.51%  | 7.29%  |
| Medical Inflation Rate              | 6.75%  | 6.50%  |
| Mortality Rate                      | IALM (2012-14)<br>Till age 59 &<br>IIAMT (2012-15)<br>Thereafter | IALM (2012-14)<br>Till age 59 &<br>IIAMT (2012-15)<br>Thereafter |
| Morbidity Rate (Critical Illness)   | 10%  | 10%  |

Additional notes to the financial statements (consolidated) for the year ended 31<sup>st</sup> March, 2023 (contd...)

(Rs. in Crore)

| Expense Recognized in Statement of Profit / Loss              | As at 31.03.2023 | As at 31.03.2022 |
|---|------------------|------------------|
| Current Service Cost  | 14.08            | 11.68            |
| Net Interest Cost   | 16.58            | 13.27            |
| Benefit Cost (Expense recognized in Statement of Profit/Loss) | 30.66            | 24.95            |

(Rs. in Crore)

| Other Comprehensive Income  | As at 31.03.2023 | As at 31.03.2022 |
|---|------------------|------------------|
| Actuarial (Gain) / Loss on obligations due to change in demographic assumptions | -                | 16.48            |
| Actuarial (Gain) / Loss on obligations due to change in financial assumption    | 1.11             | (14.27)          |
| Actuarial (Gain) / Loss on obligations due to experience adjustments            | 5.72             | 17.29            |
| Benefit Cost (Expense recognized in Statement of Profit/Loss)                   | 6.84             | 19.50            |

**Sensitivity Analysis:**

Discount Rate and Medical inflation Rate are significant actuarial assumptions. The change in the Present Value of Defined Benefit Obligation for a change of 100 Basis Points from the assumed assumption is given below:

| Particulars            |                     | Base   | (+)100 Basis Points | (-)100 Basis Points |
|------------------------|---------------------|--------|---------------------|---------------------|
| Discount Rate          | Assumptions         | 7.51%  | 8.51%               | 6.51%               |
|                        | PV of DBO (Rs. Cr.) | 253.93 | 214.83              | 305.42              |
|                        | Variation           |        | -15.40%             | 20.28%              |
| Medical Inflation Rate | Assumptions         | 6.75%  | 7.75%               | 5.75%               |
|                        | PV of DBO (Rs. Cr.) | 253.93 | 306.86              | 213.17              |
|                        | Variation           |        | 20.84%              | -16.05%             |

(Rs. in Crore)

| Statement Showing Benefit Information Estimated Future payments |            |            |
|---|------------|------------|
| Year  | 31.03.2023 | 31.03.2022 |
| 1   | 17.12      | 12.90      |
| 2   | 7.08       | 13.57      |
| 3   | 7.87       | 14.12      |
| 4   | 8.71       | 14.49      |
| 5   | 9.50       | 15.10      |
| 6 to 10   | 59.33      | 81.93      |

(Rs. in Crore)

| Statement showing present value of Obligation (Non-Current/Current) | As at 31.03.2023 | As at 31.03.2022 |
|---|------------------|------------------|
| Current liability   | 17.12            | 16.41            |
| Non-Current Liability   | 236.81           | 211.07           |
| <b>Net Liability</b>  | <b>253.93</b>    | <b>227.48</b>    |



Additional notes to the financial statements (consolidated) for the year ended 31<sup>st</sup> March, 2023 (contd...)

## ACTUARIAL VALUATION OF CONTRIBUTORY POST RETIREMENT MEDICARE SCHEME (NON-EXECUTIVES)-DISCLOSURES AS PER IND AS-19 :

(Rs. in Crore)

| Changes in Present Value of defined benefit obligations                         | As at<br>31.03.2023 | As at<br>31.03.2022 |
|---|---------------------|---------------------|
| Present Value of obligation at beginning of the period                          | 596.07              | 421.44              |
| Current Service Cost  | 30.85               | 41.21               |
| Interest Cost   | 43.45               | 28.87               |
| Actuarial (Gain) / Loss on obligations due to change in demographic assumptions | -                   | 46.27               |
| Actuarial (Gain) / Loss on obligations due to change in financial assumption    | 3.12                | (35.70)             |
| Actuarial (Gain) / Loss on obligations due to experience adjustments            | 28.19               | 88.36               |
| Benefits Paid   | (62.48)             | (41.27)             |
| Other (Employee contribution, Taxes, Expenses)                                  | 26.77               | 46.89               |
| <b>Present Value of obligation at end of the period</b>                         | <b>665.97</b>       | <b>596.07</b>       |

(Rs. in Crore)

| Changes in Fair Value of Plan Assets                | As at<br>31.03.2023 | As at<br>31.03.2022 |
|---|---------------------|---------------------|
| Fair Value of Plan Asset at beginning of the period | -                   | -                   |
| Interest Income                                     | -                   | -                   |
| Employer Contributions                              | -                   | -                   |
| Benefits Paid                                       | -                   | -                   |
| Return on Plan Assets excluding Interest income     | -                   | -                   |
| Fair Value of Plan Asset as at end of the period    | -                   | -                   |

(Rs. in Crore)

| Statement showing reconciliation to Balance Sheet | As at<br>31.03.2023 | As at<br>31.03.2022 |
|---|---------------------|---------------------|
| Fund Liability                                    | 665.97              | 596.07              |
| Fund Asset  | -                   | -                   |
| <b>Un Funded Status</b>                           | <b>665.97</b>       | <b>596.07</b>       |

(Rs. in Crore)

| Statement showing Plan Assumptions: | As at<br>31.03.2023                                     | As at<br>31.03.2022                                     |
|-------------------------------------|---|---|
| Discount Rate                       | 7.51%   | 7.29%   |
| Medical Inflation Rate              | 6.75%   | 6.50%   |
| Mortality Rate                      | IALM (2012-14) Till age 59 & IIAMT (2012-15) Thereafter | IALM (2012-14) Till age 59 & IIAMT (2012-15) Thereafter |
| Morbidity Rate (Critical Illness)   | 10%   | 10%   |



Additional notes to the financial statements (consolidated) for the year ended 31<sup>st</sup> March, 2023 (contd...)

(Rs. in Crore)

| Expense Recognized in Statement of Profit / Loss              | As at<br>31.03.2023 | As at<br>31.03.2022 |
|---|---------------------|---------------------|
| Current Service Cost  | 30.85               | 41.21               |
| Net Interest Cost   | 43.45               | 28.87               |
| Benefit Cost (Expense recognized in Statement of Profit/Loss) | 74.30               | 70.08               |

(Rs. in Crore)

| Other Comprehensive Income  | As at<br>31.03.2023 | As at<br>31.03.2022 |
|---|---------------------|---------------------|
| Actuarial (Gain) / Loss on obligations due to change in demographic assumptions | -                   | 46.27               |
| Actuarial (Gain) / Loss on obligations due to change in financial assumption    | 3.12                | (35.70)             |
| Actuarial (Gain) / Loss on obligations due to experience adjustments            | 28.19               | 88.36               |
| <b>Benefit Cost (Expense recognized in Statement of Profit/Loss)</b>            | <b>31.31</b>        | <b>98.92</b>        |

**Sensitivity Analysis:**

Discount Rate and Medical inflation Rate are significant actuarial assumptions. The change in the Present Value of Defined Benefit Obligation for a change of 100 Basis Points from the assumed assumption is given below:

| Particulars               |                     | Base   | (+)100 Basis<br>Points | (-)100 Basis<br>Points |
|---------------------------|---------------------|--------|------------------------|------------------------|
| Discount Rate             | Assumptions         | 7.51%  | 8.51%                  | 6.51%                  |
|                           | PV of DBO (Rs. Cr.) | 665.97 | 553.88                 | 817.21                 |
|                           | Variation           |        | -16.83%                | 22.71%                 |
| Medical Inflation<br>Rate | Assumptions         | 6.75%  | 7.75%                  | 5.75%                  |
|                           | PV of DBO (Rs. Cr.) | 665.97 | 821.05                 | 549.44                 |
|                           | Variation           |        | 23.29%                 | -17.50%                |

(Rs. in Crore)

**Statement Showing Benefit Information Estimated Future payments**

| Year    | 31.03.2023 | 31.03.2022 |
|---------|------------|------------|
| 1       | 28.47      | 33.43      |
| 2       | 21.89      | 35.47      |
| 3       | 23.59      | 37.96      |
| 4       | 25.97      | 39.31      |
| 5       | 28.61      | 41.04      |
| 6 to 10 | 184.04     | 45.14      |

(Rs. in Crore)

| Statement showing present value of Obligation (Non-Current/Current) | As at<br>31.03.2023 | As at<br>31.03.2022 |
|---|---------------------|---------------------|
| Current liability   | 28.47               | 38.08               |
| Non-Current Liability   | 637.50              | 557.99              |
| <b>Net Liability</b>  | <b>665.97</b>       | <b>596.07</b>       |



Additional notes to the financial statements (consolidated) for the year ended 31<sup>st</sup> March, 2023 (contd...)

#### 4. UNRECOGNIZED ITEMS:

##### 4.A: Contingent Liabilities

(Rs. in Crore)

| S.No,  | Particulars  | As at<br>31.03.2023 | As at<br>31.03.2022 |
|--|--|---------------------|---------------------|
| <b>Claims against the Company not acknowledged as debts:</b> |  |                     |                     |
| (i)  | Demand from Divisional Forest Officer towards NPV for renewal of different mining leases – contested by the Company  | 7.91                | 7.91                |
| (ii)   | Workmen Compensation (cases contested – court)   | 1.93                | 1.94                |
| (iii)  | Motor Accident claims (cases contested – court)  | 0.28                | 0.31                |
| (iv)   | Police Guard (excess man power billed disputed)  | -                   | 2.98                |
| (v)  | S C Railways (damages, demurrages etc. disputed)   | 0.98                | 0.98                |
| (vi)   | Water Royalty (billed at Industrial rate disputed)   | -                   | 2.48                |
| (vii)  | Vacant Land Tax (Levy contested)   | -                   | -                   |
| (viii)   | Contractors, Suppliers & Customers   | 1,854.37            | 734.75              |
| (ix)   | Other disputed claims & Legal cases etc.   | 50.54               | 46.32               |
| (x)  | <p>Service Tax demands were raised on OBR contractors by Service Tax Department treating value of free issue explosives and HSD oil as additional consideration to them. The demands of Service Tax Department have been contested by the Service Providers. Pending adjudication of disputed demands, SCCL issued letter of comfort to the contractors with commitment to reimburse Service Tax, interest and penalty thereon in case the verdict goes against them.</p> <p>However, Larger Bench of CESTAT, New Delhi in the case of M/s. Bhayana Builders (P) Ltd., and others held that value of the goods and materials supplied free of cost of being neither monetary nor non-monetary consideration and would be outside the taxable value or the gross amount charged to Service Tax.</p> <p>In the appeal filed by M/s. SV Engg. Constructions, to whom comfort letter was given by SCCL, the Hyderabad Circuit Bench of CESTAT has given judgment in favour of M/s. SV Engg. Constructions.</p> <p>Further, in appeals filed by M/s. PLR Projects Pvt. Ltd., M/s Gulf Oil Corporation Ltd., M/s GRN Construction Pvt. Ltd., M/s. BGR Mining &amp; Infra Pvt. Ltd. And SV Engg. Constructions, CESTAT, Bangalore has passed a judgement in favour of the Contractors.</p> <p>Against the order passed by the CESTAT in the case of M/s. Gulf Oil Corporation Ltd, the Service Tax Department has filed a Civil Appeal in the Hon'ble Supreme Court. The Supreme Court has pronounced its judgement on the Civil Appeal stating that material issued free of cost does not attract service tax (Civil Appeal Nos 1335-1358 of 2015). However, as the individual orders for the cases filed by Contractors are yet to be received, the service tax liability against the Comfort Letter is considered as contingent liability.</p> | 337.64              | 337.64              |

*Additional notes to the financial statements (consolidated) for the year ended 31<sup>st</sup> March, 2023 (contd...)*

| S.No,  | Particulars   | As at<br>31.03.2023 | As at<br>31.03.2022 |
|--------|---|---------------------|---------------------|
| (xi)   | (a) Excise Duty demands on quantity disputes.   | 5.70                | 5.70                |
|        | (b) Education Cess and Secondary Higher Education Cess demands raised by Excise Department from March, 2011 to March, 2015 contested by SCCL  | 0.78                | 0.78                |
|        | (c) CEC on Coal removed to Captive Power plants located at KGM & RGM for the period from Dec-12 to Dec-16   | 0.20                | 0.20                |
|        | (d) CEC on Closing Stock as on 30.06.2017 (Pre-GST)   | 223.39              | 223.39              |
| (xii)  | a) Tax Demands from Commercial Taxes Department (including entry tax) which are disputed by SCCL and pending before various appellate authorities for adjudication.   | 4.48                | 4.19                |
|        | b) GST on Forest Permit Fee under RCM from FY 2017-18 to FY 2022-23 (The Order passed by Appellate Authority of Advance Ruling, Telangana was contested before Hon'ble High Court vide WP No.10329 of 2023.   | 65.65               | -                   |
| (xiii) | Tax Demand from Income Tax department which are disputed by SCCL and pending before various appellate authorities for adjudication.   | 391.30              | 340.11              |
|        | Tax Demand from Income Tax department which are disputed by SCCL and pending before various appellate authorities for adjudication against which SCCL has filed Rectification Petition  | 31.70               | 26.46               |
| (xiv)  | a) Tax Demand on Irregular availment of credit on certain services which are ineligible (services connected to Transmission, Lighting, Canteen, Railway Siding, Maintenance and Repairs of Building, Laying and Repairs of Road, Bore well, RO plants, Air ticketing)   | 1.66                | 1.66                |
|        | b) Service Tax on DMFT, NMET and Forest Permit Fee against the showcause notice No.22/2019-20, Dt. 18.12.2019 issued by Commissioner of Central Tax and Customs for short payment of Taxes. The Service Tax demand for DMFT and NMET was requested to be kept pending in the call book pending final decision of Supreme Court in a similar matter. The Service Tax demand on the Forest Permit Fee was paid under protest.   | 112.76              | 112.76              |
| (xv)   | Professional Tax:<br>A Demand Notice has been issued by Dy.C.T.O KGM for an amount of Rs.176.44 Crore basing on G.O. No. 14897/CT-IV/2004, Dt. 23.02.2013 for recovery of arrears of Professional tax from employees and remittance to the Dept. for the years 1990-91 to 2012-13 which has been kept in abeyance based on the Management's representations. The Commissioner (CT), Hyderabad has referred the matter to the Govt of Telangana vide CCT's Ref No: A.(3)/109/2014 dated 28.09.2015 for kind examination of SCCL's request and to take appropriate decision regarding payment of professional tax of Rs.204.44 (Rs.176.44 plus 28.00 Crore for the period from April 2014 to May 2015). Till date, no further demand notice is received on the matter. The estimated Professional Tax for the further period of June 2015 to March 2023 is included in the Contingent Liability being reported. | 289.26              | 279.96              |



*Additional notes to the financial statements (consolidated) for the year ended 31<sup>st</sup> March, 2023 (contd...)*

| S.No,   | Particulars  | As at<br>31.03.2023 | As at<br>31.03.2022 |
|---------|--|---------------------|---------------------|
| (xvi)   | (a) Claims for additional compensation decided by the Lower Courts in favour pattadars which were contested by the company in Higher Courts for Acres 1,480 Guntas 10 ( PY Acres: 1,466, Guntas 19 3/4)  | 148.83              | 146.50              |
|         | (b) Claims in respect of suits filed by the Pattadars for additional compensation for Acres 3,437 Guntas 15 (Previous year: Acres: 3,538 Guntas 31 1/4) contested by the Company and pending in Courts.  | Not quantifiable    | Not quantifiable    |
| (xvii)  | An amount of Rs.13.56 Crore has been charged to M/s. B.G.R. Mining &Infra Pvt. Ltd., towards lead variation charges and recognised as income during the year 2012-13. As against recovered amount of Rs.13.56 Crore, an amount of Rs.5.81 Crore was released during the year 2013-14 keeping the Bank Guarantees for an amount of Rs.7.65 Crore as collateral security. A case has been filed by the contractor before the Hon'ble XXVI Addl Chief Judge, CCC, Hyderabad challenging the above recovery. |                     |                     |
| (xviii) | Coal pilferage was reported in Financial year 2013-14 involving 12099 Tonnes, valued at Rs.4.04 Crore. The party made a conditional deposit of Rs.4.37 Crore and the amount is kept under deposits. Pending enquiry issue is not dealt in the books.   |                     |                     |
|         | The contingent liability indicated above is excluding interest wherever applicable.  |                     |                     |

#### 4.B: CAPITAL COMMITMENTS

(Rs. in Crore)

| S.No. | Particulars  | As at<br>31.03.2023 | As at<br>31.03.2022 |
|-------|--|---------------------|---------------------|
| 1     | Estimated value of capital commitment for 2 X 600 MW Singareni Thermal Power Project, Jaipur, Telangana State. | 457.74              | 606.90              |
| 2     | Estimated value of capital commitments of other contracts to be executed                                       | 786.78              | 436.18              |
| 3     | Estimated value of capital commitments - Solar Power Plants  | 459.03              | 127.41              |
|       | <b>Total</b>   | <b>1,703.55</b>     | <b>1,170.49</b>     |

#### 4.C: UNEXECUTED COMMITMENTS

##### 4.C.1: Unexecuted Sale Commitments

(Rs. in Crore)

| S.No. | Particulars   | As at<br>31.03.2023 | As at<br>31.03.2022 |
|-------|---|---------------------|---------------------|
| 1     | Value of Commitment against the Unexecuted Sale orders. | 3,292.05            | 4,019.12            |

Additional notes to the financial statements (consolidated) for the year ended 31<sup>st</sup> March, 2023 (contd...)**4.C.2: Unexecuted Purchase/Service order Commitments (Revenue)**

(Rs. in Crore)

| S.No. | Particulars  | As at<br>31.03.2023 | As at<br>31.03.2022 |
|-------|--|---------------------|---------------------|
| 1     | Value of Commitment against the Unexecuted Orders - Revenue Material | 6,209.13            | 1,419.87            |
| 2     | Value of Commitment against the Unexecuted Service orders - Revenue. |                     |                     |
|       | i) OB Removal Contracts  | 4,325.12            | 6,961.26            |
|       | ii) Coal Offloading Contracts  | 1,765.84            | 2,815.90            |
|       | iii) Coal & Sand Transport Contracts                                 | 695.97              | 485.60              |
|       | iv) Washery Services   | 1,257.35            | 1,283.51            |
|       | v) STPP O&M Contracts  | 217.57              | 286.29              |
|       | vi) Other Revenue Contracts  | 3,707.62            | 2,324.60            |
|       | <b>Total Commitments against Revenue Orders</b>                      | <b>18,178.60</b>    | <b>15,577.03</b>    |

**4.D: Other Commitments/Guarantees**

(Rs. in Crore)

| S.No. | Particulars  | As at<br>31.03.2023 | As at<br>31.03.2022 |
|-------|--|---------------------|---------------------|
| 1     | Bills Receivable from M/S.TS GENCO/ M/S.AP GENCO /M/S.TS TRANSCO discounted with Banks (HDFC/SBI/CANARA/IDBI). for which the Company has undertaken to indemnify the banks in the event of non-honouring of the Bills of Exchange by M/S.TS GENCO/M/S. AP GENCO/M/S. TS TRANSCO on maturity. | 4,144.16            | 3,359.79            |
| 2     | The balance value of Surrounding Habitats Assistance Programme (SHAPE) works to be executed.   | 0.49                | 3.97                |
| 3     | Liability on the Works sanctioned towards CSR under CSR policy of the company for the period upto FY 2018-19   | 24.03               | 26.37               |
| 4     | Commitment towards Contribution for setting up of Medical College at Ramagundam, Peddapalli District, Telangana  | 287.42              | 440.00              |
|       | <b>Total</b>   | <b>4,456.10</b>     | <b>3,830.13</b>     |

4.D.1 Out of these Bills of Exchange discounted for Rs. 4,144.16 Crore outstanding as on 31.03.2023, the following Bills have been honoured and discharged by the Customers as on 06.07.2023:

| Customer     | Discounted with | Bill Discounted (Rs. Crore) | Maturity date |
|--------------|-----------------|-----------------------------|---------------|
| TSGENCO      | SBI             | 30.00                       | 15-04-2023    |
| TSGENCO      | SBI             | 30.00                       | 15-05-2023    |
| TSGENCO      | SBI             | 90.00                       | 20-05-2023    |
| APGENCO      | SBI             | 307.73                      | 22-05-2023    |
| TSGENCO      | SBI             | 153.11                      | 29-05-2023    |
| TSTRANSCO    | IDBI            | 180.00                      | 23-06-2023    |
| TSGENCO      | SBI             | 252.52                      | 29-06-2023    |
| APGENCO      | SBI             | 300.00                      | 06-07-2023    |
| <b>Total</b> |                 | <b>1,343.36</b>             |               |



Additional notes to the financial statements (consolidated) for the year ended 31<sup>st</sup> March, 2023 (contd...)

## 5. OTHER INFORMATION

### 5.1: Ind AS 115 -Revenue from Contracts with Customers

#### Significant judgments & other disclosures

#### 1. Identification of contract

##### (A) Coal

- a) **Customers:** Most of coal produced by the Company is supplied to thermal power plants. Coal is also supplied to various industries that include, cement, sponge iron & others and also for captive consumption.
- b) **Distribution and Marketing Policy:** Government of India has issued New Coal Distribution Policy (NCDP) on October 18, 2007 with an objective to meet the demand of coal from consumers of different sectors of the economy, both on short term and long term basis, in an assured, sustained, transparent and efficient manner with built - in commercial discipline. The Company abides by it.

The major types of arrangements / agreements as per NCDP are:

- i) **Fuel Supply Agreements (FSAs):** As contemplated in and in accordance with the terms of the New Coal Distribution Policy (NCDP), the Company enters into legally enforceable FSAs with customers. FSAs can be broadly categorized into:

- FSAs with customers in the power utilities sector, including state power utilities, private power utilities (PPUs) and independent power producers (IPPs);
- FSAs with customers in non-power industries (including captive power plants (CPPs))
- FSAs through linkage route.
- Memorandum of Understanding(MOU)

- ii) **E-Auction Scheme:**

The E-Auction scheme of coal has been introduced to provide access to coal for customers who were not able to source their coal requirement through the available institutional mechanisms under the NCDP for various reasons, for example, due to a less than full allocation of their normative requirement under NCDP, seasonality of their coal requirement and limited requirement of coal that does not warrant a long-term linkage. The quantity of coal to be offered under E-Auction is reviewed from time to time by the Ministry of Coal, Government of India.

- iii) **Shakti:** A coal linkage policy named SHAKTI or the 'Scheme to Harness and Allocate Koyla (Coal) Transparently in India' was introduced with an objective to auction long-term coal linkages to power companies.

This policy award fuel supply agreements to coal plants already holding letters of assurance (LoAs). It is issued to new consumers on being approved by the appropriate authority, based on recommendation of a committee constituted. Specific terms & conditions of the LOA are to be complied with within a stipulated time period for being eligible to enter into FSA for commencing coal supply.

Thermal plants holding LoAs will be eligible to sign fuel supply pacts under the new policy after ensuring that all the conditions are met.

Coal linkages would be awarded to state-owned power distribution companies (DISCOMS). These, in turn, would assign linkages to:

*Additional notes to the financial statements (consolidated) for the year ended 31<sup>st</sup> March, 2023 (contd...)*

- State or Central power generation companies via allocation, and
- Private units through auction.

Transfer of Title of Goods: Once delivery of Coal have been effected at the Delivery Point by SCCL, the property / title and risk of coal so delivered stand transferred to the purchaser in terms of this Agreement. Thereafter SCCL in no way be responsible or liable for the security or safeguard of the Coal so transferred. SCCL have no liability, including towards increased freight or transportation costs, as regards missing/diversion of wagons / rakes or road transport en-route, for whatever causes, by Railways, or road transporter or any other agency.

**(B) Power**

Power generated at Thermal Power Plant of the Company (STPP) is supplied to the TSDISCOMS, Telangana state power distribution companies. A separate power purchase agreement (PPA) is entered by the company with Electricity Distribution Company for 25 years valid up to 01.12.2041. The terms and conditions of PPA are as per prevailing Telangana State Electricity Regulatory Commission (TSERC) regulations.

**2. Performance Obligation (Transportation, Infrastructure and Logistics)****(A) Coal**

- Following the extraction of coal from a mine/working face, coal is transported to dispatch points through tipping trucks and conveyor belts. Coal is delivered to the customers from the dispatch points through rail, road, rope-way or dedicated rail MGR system.
- All consignments dispatched are weighed either at company owned weighbridges available at SCCL dispatch points or to the nearest weighbridges owned by the Railways. Sales are either “free on rail” or “free on road” from the designated dispatch points. Customers may choose the mode of transport between rail and road. If the dispatch point from the mines is within 20 kilometres, the customers bear such transportation cost at specified rates as notified by the company from time to time. In circumstances where the distance from the dispatch point is more than 20 kilometres from the mines, the customer bears the actual cost of transportation.
- The quality of coal delivered / to be delivered conforms to the specifications. The company makes adequate arrangements to assess the quality and monitor the same to ensure that un-graded Coal (GCV of less than 2200 Kcal/Kg for non-coking coal) is not loaded into the purchaser’s containers.
- The company delivers sized coal with size conforming to specifications. SCCL makes reasonable efforts to remove stones from coal.
- The Company uses magnetic separators and metal detectors, at its coal handling / loading system at the delivery point, where the same are already installed.

**(B) Power**

- As per PPA, SCCL (STPP) is required to operate the plant as a base load station as per manufacturers guidelines, applicable grid operating conditions, directions of the TSERC and relevant statutory provisions as applicable from time to time.
- SCCL is required to sell the capacity to the TSDISCOMs as per PPA shall, in each settlement period, be as 85% of the declared capacity(DC) of the plant as determined by TSERC Tariff Regulations issued from time to time.
- SCCL is required to follow the SLDC’s directives, to back down, increase or resume generation, decrease generation at time on a day, provided that such directives are consistent with the technical limits of facility, Prudent utility practices.



Additional notes to the financial statements (consolidated) for the year ended 31<sup>st</sup> March, 2023 (contd...)

### 3. Transaction Price

#### (A) Pricing of coal

- a. The pricing of Non-Coking Coal is presently based on its Gross Calorific Value w.e.f. 01.01.2012 and that of Coking Coal & Washery Grade Coal is set on the basis of ash level content. Pricing of coal for Semi Coking Coal is set on the basis of ash & moisture content level. The coal price is revised considering the escalation in input cost, inflation and landed cost of imported coal. The final customer price includes basic price and other charges (Cess, Royalties, GST and others). Around 90% of Coal is sold under the long-term fuel supply agreements (FSAs) executed between company and the linked customers. In addition, coal is also sold under E-auction scheme.
- b. The Purchaser pays the Base Price of Coal in accordance with the provisions of the Agreement. The Base Price of Coal is declared by Company from time to time.
- c. The "As Delivered Price of Coal" for the Coal supplies pursuant to the Agreement is the sum of Base Price, Other Charges and Statutory Charges, as applicable at the time of delivery of Coal.
- d. Base price/Standalone price means, in relation to a Declared Grade of Coal produced by SCCL, the Pithead price notified from time to time by the company, as the case may be.
- e. **Variable Consideration:**
  - i. **Annual Contracted Quantity (ACQ):** At the inception of the every year the Annual Contracted Quantity of Coal is agreed which is to be supplied by SCCL and undertaken to be purchased by the Purchaser from SCCL's mines and/ or from international sources. For part of Year, the ACQ is prorated accordingly. If for a Year, the Level of Delivery by SCCL, or the Level of Lifting by the Purchaser falls below ACQ with respect to that Year, the defaulting Party is liable to pay compensation to the other Party for such shortfall in Level of Delivery or Level of Lifting, as the case may be (Failed Quantity). MOUs are signed for one year and above ACQ quantity.
  - ii. **Performance Incentive:** If SCCL delivers Coal to the purchaser in excess of the determined percent of the ACQ in a particular Year, the purchaser pays SCCL an incentive (Performance Incentive/ PI).
  - iii. **Adjustment for Grade Variance (Coal Quality Variance):** SCCL gives regular credit/debit notes on account of Grade variance to the extent of difference in the Base Price of Declared Grade and analyzed Grade of Coal.
  - iv. **Other Charges:**

**Surface Transportation charges:** Where Coal is transported by SCCL beyond the distance of three (3) KMs from pithead to the delivery point, the purchaser pays surface transportation charges, as notified by SCCL from time to time.

**Sizing/Crushing charges:** Where Coal is crushed by mechanical means for limiting the top-size to 100mm, or any other lower size, the Purchaser pays sizing/crushing charges, as applicable and notified by SCCL from time to time.

**Rapid Loading Charges:** Where Coal is loaded through rapid loading system, the Purchaser pays rapid loading charges notified by SCCL from time to time.

**Evacuation charges:** Recovery of evacuation charges is also done at the specified rate. In all cases, the entire freight charges, irrespective of the mode of transportation of the Coal supplied, is borne by the Purchaser.

**Additional charges:** The Company collects additional charges like additional transport/ rehandling cost, additional charges for coal loaded at specified sidings, Land adjustment, Engine Shunting



*Additional notes to the financial statements (consolidated) for the year ended 31<sup>st</sup> March, 2023 (contd...)*

charges, Fuel Supply Surcharge, Forest Permit Fee and other elements at the rates notified from time to time.

In all cases, the entire freight charges, irrespective of the mode of transportation of the Coal supplied, is borne by the Purchaser.

- f. **Statutory Charges:** The statutory charges comprises royalties, cesses, GST, levies etc. if any, payable under relevant statute but not included in the Base Price and/or other charges, is payable by the purchaser. These levies/charges become effective from the date as notified by the Government/ statutory authority.

**(B) Pricing of Power**

- a. The tariff for electricity supplied would be as determined under the tariff regulations of TSERC and tariff order thereof from time to time. Tariff for sale of electricity would be based on prevailing TSERC regulations from time to time.
- b. Capacity charges are to be approved by the TSERC for each tariff year, to be claimed by SCCL.
- c. Variable charges like Coal, Secondary fuel oil are calculated as per agreed formula under PPA and are shown separately in monthly thermal energy bills. Incentives shall be calculated as per target plant load factor as specified in Tariff order for 2x600MW Power Plant as a whole.

**4. PAYMENT****A. Coal****i. Fuel Supply Agreement - Credit Sales**

- a. NTPC - Payment is to be received from the Purchaser within three days from the date of submission of bills. Bills will be raised on daily basis.
- b. TSGENCO / APGENCO - Bills will be raised in the first lot from 1<sup>st</sup> to 7<sup>th</sup> of the month, second lot from 8<sup>th</sup> to 20<sup>th</sup> and third lot from 21<sup>st</sup> to the 30<sup>th</sup>/31<sup>st</sup> of the month. The Purchaser has to release the payment within five days from the date of submission of bills (excluding day of submission).
- c. KPCL / MSEB - Bills will be raised in first lot from 1<sup>st</sup> to 10<sup>th</sup>, second lot 11<sup>th</sup> to 20<sup>th</sup> and third lot from 21<sup>st</sup> to 30<sup>th</sup>/31<sup>st</sup> of the month. Payment has to be received within three days from the date of submission of bills (excluding day of submission).
- d. In addition to the above, SCCL will go for MOUs for the above FSA customers, bridge linkage and non-bridge linkage power customers for supply of coal on best efforts basis.

**ii. E-Linkage - Auction of Linkage (AOL).**

The customers without FSA and MOC Linkage are to be participated in the bidding in the open auction. All the Power and Non-Power customers excluding the above and whose requirement of coal is more than 10,000 Tons per annum are mandatorily get allotment of coal through auction of linkage (E-Linkage). MOC has given an option to the customers to participate in AOL bidding or not, if their annual requirement is 4200 to 10,000 Tons Per Annum. AOL contractors are in the nature of Long Term Contracts of five years are considered AS FSA customers. Payment is 100% advance against each sale order. The bidding quantity in the first year which is called as Annual Contracted Quantity (ACQ) will be considered for the next five years.

- iii. E-Auction - These are short term contracts for a period of three months. MOC has fixed maximum E-Auction quantity is 10% of the total despatch quantity. All the customers' viz., Power, Non-Power and FSA, Non-FSA and Open Order customers can participate in the bidding. Payment is 100% advance.



*Additional notes to the financial statements (consolidated) for the year ended 31<sup>st</sup> March, 2023 (contd...)*

- iv. Rail Customers - Long term purchasers and good credit track record are extended credit of one rake for three bank working days subject to submission of one rake advance amount in the form of Cash Guarantee or Bank Guarantee. If the customer fails to repay the amount within three days, interest will be charged equivalent to SBI CC Rate applicable to SCCL.

The Purchaser makes advance payment for a month in three (3) instalments for availing Coal supplies from SCCL – first (1<sup>st</sup>) instalment on the first (1<sup>st</sup>) day of the month, second (2<sup>nd</sup>) instalment on the eleventh (11<sup>th</sup>) day of the month and the third (3<sup>rd</sup>) instalment on the twenty first (21<sup>st</sup>) day of the month. Each of these payment instalments cover the As Delivered Price of Coal for the Coal quantities that is one-ninth (1/9<sup>th</sup>) of the QQ concerned.

Further, each of these instalments takes into account the average of Base Prices of Grades. However, the third (3<sup>rd</sup>) instalment also include the adjustment amount with regard to the actual quantity of Coal delivered and the quality of Coal vis-à-vis the advance payment made for the previous month. For the avoidance of any doubt, such adjustment amount also includes the adjustment of quantity and quality.

- v) Advances received from the customers are reported as customer's deposits (contract liabilities) unless the conditions for revenue recognition are met.
- vi) Advance payment made by the Purchaser is non-interest bearing, and it changes in accordance with change in the As Delivered Price of Coal. No significant finance component is included therein.
- vii) Bills of Miscellaneous Claims:
- Compensation for short supply/lifting, is payable by the defaulting Party to the other Party within a period of ninety (90) days from the date of receipt of claim failing which it will attract interest.
  - After expiry of the Year, SCCL submits an invoice to the Purchaser with respect to the Performance Incentive and the Purchaser pays the amount so due within thirty (30) days of the receipt of the invoice failing which it attract interest.
- viii) Annual Reconciliation / Adjustments: SCCL and the Purchaser jointly reconcile all payments made for the monthly Coal supplies during the Year by end of April of the following Year. The Parties, forthwith, give credit/debit for the amount falling due, if any, as assessed during such joint reconciliation. The annual reconciliation statement is be jointly signed by the authorized representative of SCCL and the Purchaser which is final and binding on both, SCCL and the purchaser.

**B: Power**

- a. The monthly bill raised under PPA/Tariff order includes charges for supply of electricity, taxes, duties and cess. Monthly bills are based on meter reading taken that has been mutually agreed by the both of the parties.
- b. Due date for payment for monthly bills presented is 60 days from the date of raising of Bill.
- c. Rebate can be granted by SCCL which can be maximum to 2 percentage. If payments are made within a week, maximum rebate granted to 1.25 percentage.
- d. Additional bills on account of TSERC Regulations/ TSERC orders/ appellate tribunal of electricity/ other court/ other competent authority to be billed through supplementary invoice unless included in monthly invoice.
- e. Payment is to be by TSDISCOMS by irrevocable letter of credit. Appropriation of payment made is to be governed in mutually agreed manner as per PPA.
- f. In case of any dispute, 95% of the disputed amount along with objection is to be filed within 30 days.



Additional notes to the financial statements (consolidated) for the year ended 31<sup>st</sup> March, 2023 (contd...)

## 5.2: IND AS 116 : LEASES

- 5.2.1 In pursuance of the provisions of Ind AS 116 – Leases effective from 01.04.2019, the Company had recognised the Lease Liabilities and Right of Use Assets, in respect of the Leases contained in the Service/Hiring Contracts in operation where the contracts convey the right to control the use of the identified Assets to the Company as a Lessee.
- 5.2.2 The amounts payable in respect of Low Value leases up to Rs.2.00 lakhs/PM per Asset and the Short term leases of 12 months or less are fully charged to expense.
- 5.2.3 During the year, further Lease liabilities Rs.15.21 Crore and Right of Use Assets at the corresponding amount are recognised in respect of the new Leases commenced during the Year 2022-23 (Previous Year 12.10 Crore). Further, Lease Liability and ROU Assets for an amount of Rs.0.13 Crore have been recognized due to remeasurement of Lease Liability consequent to Lease Modifications. (Previous Year of Rs.3.96 Crore).
- 5.2.4 During the year, Finance cost of Rs.1.50 Crore (being the unwinding cost of interest of Rs.0.82 Crore at respective rates on the Previous Year Leases after remeasurements and Rs.0.68 Crore @ 7.44% on the new leases recognised during the year) and depreciation on Right of Use Assets for an amount of Rs.16.09 Crore (on straight line basis over the lease period of comprising of Rs.10.64 Crore on the Previous Year Right of Use Assets after remeasurements and Rs.5.45 Crore on the Fresh Right of use Assets recognised during the year) is charged off to Statement of Profit and Loss for the year 2022-23 after depreciation retirements of Rs.28.99 (Previous year - Unwinding cost of Rs.1.40 Crore-Restated and Depreciation of Rs.14.90 Crore).
- 5.2.5 The identified value of lease payments of Rs.17.74 Crore after remeasurements (Previous year Rs.16.19 Crore) have been reduced from respective lease liabilities and the Hiring cost of the Assets. The overall impact of the implementation of the Ind AS 116- Leases for FY 2022-23 is Rs.0.14 Crore only (Previous year Rs.0.30 Crore-Restated ) (net decrease in expenditure).
- 5.2.6 The carrying amounts of Lease Liability and the Right of Use Assets as on 31.03.2023 are Rs.15.86 Crore (Previous year Rs.16.75 Crore-Restated) and Rs.15.23 Crore (Previous Year Rs.15.98 Crore) respectively after remeasurement.

### 5.2.7 Movement in Lease liabilities is given below:

(Rs. in Crore)

| Particulars                           | 2022-23 | 2021-22 |
|---------------------------------------|---------|---------|
| Balance at the beginning of the year  | 16.75   | 16.41   |
| Additions during the year             | 15.34   | 16.06   |
| Finance Costs accrued during the year | 1.51    | 1.40    |
| Deletions                             | -       | (0.93)  |
| Payment of lease liabilities          | (17.74) | (16.19) |
| Balance at the end of the year        | 15.86   | 16.75   |

### 5.2.8 Contractual maturities of lease liabilities on undiscounted basis:

(Rs. in Crore)

| Particulars           | 2022-23 | 2021-22 |
|-----------------------|---------|---------|
| Less than one year    | 11.86   | 10.83   |
| One to three years    | 4.97    | 5.92    |
| More than three years | -       | -       |



*Additional notes to the financial statements (consolidated) for the year ended 31<sup>st</sup> March, 2023 (contd...)*

## **5.2A: GOVERNMENT GRANTS:**

### **CCDAC GRANTS:**

- 5.2A.1 During the current year, Revenue of Rs.7.69 Crore is recognised as Revenue Grants against the Protective works as per the approval accorded by CCDAC (Previous year Rs.1.82 Crore). Further, as CCDAC is not considering the claims submitted by the company for sand stowing subsidy post implementation of GST, no Revenue is recognised on the same during the current year also( Previous Year “NIL”).
- 5.2A.2 During the year Capital grants of Rs.151.47 Crore were approved by CCDAC and accordingly recognized as receivable during the current year and adjusted against the carrying amount of related assets (Previous Year NIL) (Refer Note No.27.3)
- 5.2A.3 During the year an amount of Rs.0.67 Crore (Previous Year Rs.3.16 Crore) and Rs.45.04 Crore (Previous Year Rs.58.80 Crore) have been received against the Revenue and Capital Grants respectively approved by CCDAC in the earlier years.

### **SOLAR GRANTS - VIABILITY GAP FUNDING (VGF)**

- 5.2A.4 During the year, no further proceeds of Viability Gap Funding (VGF) are received from Solar Energy Corporation of India (Previous Year Rs.27.37 Crore). (Refer Note No.4.2 and 24.2).
- 5.2A.5 Further, the second and final instalment of VGF Grant of Rs.27.00 Crore against the Solar Power Plants (Phase-II) received on 12.06.2023 have been recognized as receivable on Reporting Date and reduced from the corresponding value of the related Assets (Refer Note No:8.5)



**Dust suppression with mist cannons at coal bunkers (RG OC-3 CHP)**

Additional notes to the financial statements (consolidated) for the year ended 31<sup>st</sup> March, 2023 (contd...)**5.3: PROVISIONS**

The position and movement of various provisions as on 31.03.2023 are given below:

(Rs. in Crore)

| Provisions   | Opening Balance as on 01.04.2022 | Addition during the year | Write back/ Adj./ payments during the year | Unwinding of dis-counts | Closing Balance as on 31.03.2023 |
|--|----------------------------------|--------------------------|--|-------------------------|----------------------------------|
| <b>Note 3: Property, Plant and Equipment:</b>        |                                  |                          |  |                         |                                  |
| Impairment of Assets                                 | 709.11                           | 68.98                    | (157.77)                                   | -                       | 620.32                           |
| <b>Note 4: Capital Work in Progress</b>              |                                  |                          |  |                         |                                  |
| Impairment of Assets                                 | 118.06                           | 0.18                     | (60.02)                                    |                         | 57.86                            |
| <b>Note-6: Investments</b>                           |                                  |                          |  |                         |                                  |
| Provision for Diminution of Investments              | 0.02                             | -                        | -  | -                       | 0.02                             |
| <b>Note-8: Other Financial Assets</b>                |                                  |                          |  |                         |                                  |
| Prov Bad and doubtful debtors                        | 13.40                            | 2.05                     | -  | -                       | 15.45                            |
| <b>Note 11: Inventories:</b>                         |                                  |                          |  |                         |                                  |
| Provision for Obsolete and Non Moving Stores         | 74.51                            | 17.15                    | (0.89)                                     | -                       | 90.77                            |
| Provision for Damages & Shortages                    | 0.21                             | -                        | -  | -                       | 0.21                             |
| Provision for Coal Stock/ Deterioration              | 4.61                             | -                        | (3.54)                                     | -                       | 1.07                             |
| <b>Note 12: Trade Receivables</b>                    |                                  |                          |  |                         |                                  |
| Prov. for Shale & Stone / Grade Variance             | 11.52                            | 361.54                   | -  | -                       | 373.06                           |
| Provision for Grade Variance-Disputed Samples        | 76.76                            | 17.19                    | -  | -                       | 93.95                            |
| Prov. for Expected Credit Loss - Coal                | 56.39                            | 40.44                    | (1.20)                                     | -                       | 95.63                            |
| Prov. for Expected Credit Loss - Power               | 161.50                           | -                        | -  | -                       | 161.50                           |
| Prov. for Expected Credit Loss - Services            | -                                | 0.39                     | -  | -                       | 0.39                             |
| Prov. for Expected Credit Loss - Solar               | -                                | 0.64                     | -  | -                       | 0.64                             |
| <b>Note 15: Current Tax Asset</b>                    |                                  |                          |  |                         |                                  |
| Provision for Taxation                               | 1,465.68                         | 398.26                   | (529.12)                                   | -                       | 1,334.82                         |
| <b>Note-16: Other Current Assets</b>                 |                                  |                          |  |                         |                                  |
| Prov for Bad & doubtful advances                     | 14.71                            | 4.09                     |  |                         | 18.80                            |
| <b>Note 22: Non-Current &amp; Current Provision:</b> |                                  |                          |  |                         |                                  |
| Gratuity   | 3,314.50                         | 166.28                   | (745.19)                                   | 190.51                  | 2,926.10                         |
| Leave encashment - Vesting                           | 673.61                           | 110.28                   | (24.48)                                    | 48.64                   | 808.05                           |
| Leave Entitlement – Non vesting                      | 171.43                           | 20.13                    | -  | -                       | 191.56                           |
| MMC & LPE  | 141.06                           | -                        | 56.17                                      | -                       | 197.23                           |
| Settling Allowance                                   | 69.80                            | 35.01                    | -  | -                       | 104.81                           |
| Leave Travel Concession                              | 66.31                            | 16.95                    | -  | -                       | 83.26                            |
| CPRMS – (E)  | 227.48                           | 14.08                    | (4.21)                                     | 16.58                   | 253.93                           |
| CPRMS – (NE)   | 602.58                           | 30.85                    | (10.91)                                    | 43.45                   | 665.97                           |
| Superannuation Benefit                               | 396.01                           | -                        | (11.22)                                    | -                       | 384.79                           |
| Performance related pay – Exe                        | 201.24                           | 117.39                   | (79.81)                                    | -                       | 238.82                           |



*Additional notes to the financial statements (consolidated) for the year ended 31<sup>st</sup> March, 2023 (contd...)*

| Provisions                                       | Opening Balance as on 01.04.2022 | Addition during the year | Write back/ Adj./ payments during the year | Unwinding of dis-counts | Closing Balance as on 31.03.2023 |
|--|----------------------------------|--------------------------|--|-------------------------|----------------------------------|
| Performance Linked Reward Scheme(PLR) (Exgratia) | 297.53                           | 315.32                   | (297.53)                                   | -                       | 315.32                           |
| Corporate Special Incentive                      | 355.84                           | 671.19                   | (360.29)                                   | -                       | 666.74                           |
| Pay Revision Arrears (NCWA-XI)                   | 434.42                           | 1,131.89                 | -  | -                       | 1,566.31                         |
| OBR (Net of Advance Action)                      | 4,383.57                         | 2,653.23                 | 22.78                                      | -                       | 7,059.58                         |
| Backfilling                                      | 10,314.03                        | 3,014.14                 | (1858.21)                                  | 764.84                  | 12,234.80                        |
| Water Body                                       | 4,579.32                         | 565.05                   | (7.91)                                     | 410.92                  | 5,547.38                         |
| Mine Closure Plan                                | 1,306.71                         | -                        | (73.67)                                    | 102.54                  | 1,335.59                         |
| Remedial Action Plan                             | 87.81                            | 9.65                     | (17.10)                                    | -                       | 80.36                            |
| Provision for Environment Compensation (NGT)     | 41.21                            | 0.13                     | -  | -                       | 41.34                            |
| CER & PH Commitments                             | -                                | 15.95                    | -  | -                       | 15.95                            |
| Provision towards warranty on Sales              | 0.37                             | -                        | -  | -                       | 0.37                             |

## 5.4: EARNINGS PER SHARE

**For Profit after Tax (excluding Other Comprehensive Income):**

| Sl. No. | Particulars   | For the year ended 31.03.2023 | For the year ended 31.03.2022 |
|---------|---|-------------------------------|-------------------------------|
| i)      | Net profit after tax attributable to Equity Share Holders (in Rs.Crore) | 2,598.48                      | 1,228.92                      |
| ii)     | No. Of Equity Shares Outstanding(In Number)                             | 1,73,31,98,119                | 1,73,31,98,119                |
| iii)    | Basic Earnings per Share (in Rs.) (Face value Rs.10/- per share)        | 14.99                         | 7.09                          |

## 5.5: RELATED PARTY DISCLOSURES

### 1. Details of Related Parties:

a) **Entities exercising significant influence on the Company – NIL**

b) **Entities in which the Company has control :**

i) **Joint Venture:**

The Company has formed a Joint Venture M/s. APMDC-SCCL Suliari Coal Company Ltd with M/s APMDC for exploration of coal in Suliari Coal Block which is under voluntary Winding up.

c) **Post Employment Benefit Funds:**

i) Employees Group Gratuity Trust - 2003

ii) Executive Defined Contribution Pension Scheme -2007

iii) Contributory Post Retirement Medicare Scheme for Executive Trust

iv) Contributory Post Retirement Medicare Scheme for Non-Executives Trust



Additional notes to the financial statements (consolidated) for the year ended 31<sup>st</sup> March, 2023 (contd...)

**d) Other Related Parties:**

- i) Singareni Collieries Educational Society (SCES), Kothagudem
- ii) Singareni Seva Samithi (SSS), Kothagudem

**e) Key Management Personnel (KMP) of the Company :**

| S.No. | Name                     | Position                           | Period                            |
|-------|--------------------------|------------------------------------|-----------------------------------|
| 1     | Sri N. Sridhar           | Chairman & Managing Director       | Full period                       |
| 2     | Sri S. Chandrasekhar     | Director (Operations)              | Upto 31.01.2023                   |
|       |                          | Director (PA&W) (FAC)              | From 20.08.2022 to 31.01.2023     |
| 3     | Sri. N. Balram           | Director (Finance)                 | Full period                       |
|       |                          | Director(Planning & Projects)(FAC) | Upto 31.01.2023                   |
|       |                          | Director (P.A&W) (FAC)             | Upto 19.08.2022 & From 01.02.2023 |
| 4     | Sri.D. Satyanarayana Rao | Director (Electrical & Mechanical) | Full period                       |
| 5     | Sri NVK Srinivas         | Director (Operations)              | From 01.02.2023                   |
| 6     | Sri G.Venkateswara Reddy | Director (Planning & Projects)     | From 01.02.2023                   |
| 7     | Sri Manoj Kumar          | Nominee Director                   | Full Period                       |
| 8     | Sri PSL Swami            | Nominee Director                   | Upto 24.10.2022                   |
| 9     | Sri D.K.Solanki          | Nominee Director                   | Full Period                       |
| 10    | Sri K. Ramakrishna Rao   | Nominee Director                   | Full Period                       |
| 11    | Sri Sunil Sharma         | Nominee Director                   | Full Period                       |
| 12    | Smt. Santhosh            | Nominee Director                   | From 22.02.2023                   |
| 13    | Smt.K. Sunitha Devi      | Company Secretary                  | Full Period                       |

**f) Key Management Personnel (KMP) of the Subsidiary :**

| S. No. | Name                           | Position   | Period           |
|--------|--------------------------------|--|------------------|
| 1      | Sri. S. Chandrasekhar          | Chairman   | Up to 31.01.2023 |
| 2      | Sri. N.V.K. Srinivas           | Chairman   | From 17.02.2023  |
| 3      | Sri. K. Prasada Rao            | Managing Director  | Full Period      |
| 4      | Sri. Y. Gopala Krishna Murthy  | Non-Executive Director   | Full Period      |
| 5      | Sri. Manoj Kumar Prasad        | Non-Executive Director   | Up to 30.09.2022 |
| 6      | Sri. SK.Pal                    | Non-Executive Director   | From 23.01.2023  |
| 7      | Sri. Ch. Narasimha Rao         | Non-Executive Director   | Full Period      |
| 8      | Sri. P. Sri Rama Koteswara Rao | Non-Executive Director   | Full Period      |
| 9      | Sri. Kuchipudi Srinivas Rao    | Non-Executive Director   | Full Period      |
| 10     | Sri. Juvva Seshagiri Rao       | Non-Executive Director   | Full Period      |
| 11     | Sri. Y.S.S Suresh              | Non-Executive Director   | Full Period      |
| 12     | Sri. Y. Srinivasa Rao          | Chief Financial Officer & Chief Personnel Administration & Vigilance | Full Period      |
| 13     | Sri. G. Srinivas               | Company Secretary  | Full Period      |



Additional notes to the financial statements (consolidated) for the year ended 31<sup>st</sup> March, 2023 (contd...)

## 2. Transactions with related parties during the year:

### i) Remuneration of Key Management Personnel of Company: (Rs. in Crore)

| S.No. | Name of the KMP         | FY 2022-23 | FY 2021-22 |
|-------|-------------------------|------------|------------|
| 1     | Sri N. Sridhar          | 0.57       | 0.49       |
| 2     | Sri S. Chandrasekhar    | 0.80       | 0.73       |
| 3     | Sri N Balram            | 0.22       | 0.21       |
| 4     | Sri D.Satyanarayana Rao | 0.78       | 0.66       |
| 5     | Sri G.Venkateswar Reddy | 0.11       | -          |
| 6     | Sri NVK Srinivas        | 0.11       | -          |
| 7     | Smt. K. Sunitha Devi    | 0.43       | 0.37       |

### ii) Remuneration of Key Management Personnel of Subsidiary: (Rs. in Crore)

| S.No. | Name of the KMP     | FY 2022-23 | FY 2021-22 |
|-------|---------------------|------------|------------|
| 1     | Sri K. Prasada Rao  | 0.61       | 0.57       |
| 2     | Sri Y. Srinivas Rao | 0.49       | 0.47       |
| 3     | Sri G. Srinivas     | 0.44       | 0.42       |

### b) Sitting Fees paid to Key Management Personnel (KMP)

#### i) Remuneration of Key Management Personnel of Company: (Rs. in Crore)

| S.No. | Payment to Independent Directors | FY 2022-23 | FY 2021-22 |
|-------|----------------------------------|------------|------------|
| 1     | Sitting Fees                     | -          | -          |

#### ii) Remuneration of Key Management Personnel of Subsidiary: (Rupees)

| S.No. | Payment to Independent Directors | FY 2022-23 | FY 2021-22 |
|-------|----------------------------------|------------|------------|
| 1     | Sitting Fees                     | 27,000     | 24,000     |

### c) Transactions with Joint Venture - M/s. APMDC-SCCL Suliari Coal Company Ltd:

During the year there are no operations. The Joint Venture was formed for exploration of coal in Suliari Coal Block. Hon'ble Supreme Court vide its judgement dated 25.08.2014 has cancelled this Coal Blocks allocation. In the SCCL's Board meeting held on 04.03.2017, it was accorded approval for voluntary winding up of the JV Company and seeking repayment of Rs.9.80 Crore from JV Company which was contributed by the company.

The winding up proceedings of the JV Company are yet to commence. The Company has made provision towards diminution in the value of investments for Rs.49,000/- (Share Capital) and doubtful advances for Rs.9.80 Crore ( Share application money kept in Advances account).

#### Details of Interest of the Company in Joint Venture as per IND AS-111:

|       |  |
|-------|--|
| (i)   | Name of the Joint Venture entity: APMDC – SCCL Suliari Coal Company Ltd.   |
| (ii)  | Country of Incorporation : India   |
| (iii) | Principal Activities : Coal & Lignite mining; generating power through Wind, Tidal and Solar sources and Setting up integrated power plants  |
| (iv)  | Ownership interest: 49%  |
| (v)   | Original cost of Investment: Rs.49,000/- & Rs.9,79,51,000/- paid towards Share application.  |
| (vi)  | Aggregate amounts related to interest in Joint Venture entity: The Company's interest in the aforementioned entity's assets, liabilities, income and expenditure are not disclosed as the entities financials are not finalised yet. |



Additional notes to the financial statements (consolidated) for the year ended 31<sup>st</sup> March, 2023 (contd...)**3. Balances receivable from / payable to related parties:****i) Other Payables (Employee Related - KMP)**

(Rs. in Crore)

| S.No. | Name of the KMP         | FY 2022-23 | FY 2021-22 |
|-------|-------------------------|------------|------------|
| 1     | Sri N. Sridhar          | 0.03       | 0.02       |
| 2     | Sri S. Chandrasekhar    | -          | 0.01       |
| 3     | Sri N Balram            | 0.01       | 0.01       |
| 4     | Sri D.Satyanarayana Rao | 0.01       | 0.02       |
| 5     | Sri G.Venkateswar Reddy | 0.01       | -          |
| 6     | Sri NVK Srinivas        | 0.01       | -          |
| 7     | Smt. K. Sunitha Devi    | 0.02       | 0.01       |

**ii) Other Payables (Employee Related - KMP) - Subsidiary:**

(Rs. in Crore)

| S.No. | Name of the KMP     | FY 2022-23 | FY 2021-22 |
|-------|---------------------|------------|------------|
| 1     | Sri K. Prasada Rao  | 0.02       | 0.09       |
| 2     | Sri Y. Srinivas Rao | 0.02       | 0.06       |
| 3     | Sri G. Srinivas     | 0.02       | 0.05       |

**4. Transactions and Balances with Employee Benefit Trusts/other parties:****a) Employees Group Gratuity Trust:**

(Rs. in Crore)

| Transaction/Balances  | FY 2022-23 | FY 2021-22 |
|---|------------|------------|
| Contributions made during the year                          | 1,099.13   | 332.50     |
| Claims settled by the Trust during the year                 | 689.22     | 439.14     |
| Closing fund balance with Trust *                           | 1,119.44   | 668.51     |
| Unfunded liability towards gratuity provided by the Company | 2,924.31   | 3,312.66   |

\* For 2021-22, including an amount of Rs.17.99 Crore pertaining to the employees who have been reinducted and have not refunded the Gratuity received by them as a part of terminal benefits.

**b) Other Employee Benefit Trusts:**

(Rs. in Crore)

| Particulars   | Contributions during the year/ Claims settled on behalf of Trusts |         | Balance outstanding as on Reporting Date |            |
|---|---|---------|--|------------|
|   | 2022-23   | 2021-22 | 31.03.2023                               | 31.03.2022 |
| Executive Defined Contribution Pension Scheme -2007                             | 37.81   | 5.51    | 378.77                                   | 396.01     |
| Contributory Post Retirement Medicare Scheme for Executive Trust(CPRMS-E)       | 11.04   | 10.78   | 253.93                                   | 227.48*    |
| Contributory Post Retirement Medicare Scheme for Non-Executives Trust(CPRMS-NE) | 62.48   | 41.27   | 665.97                                   | 602.58 #   |

\* This includes liability recognized based on Actuarial Valuations.

# This includes the amounts contributed by the Employees and also the liability recognized based on Actuarial Valuations (Restated).



Additional notes to the financial statements (consolidated) for the year ended 31<sup>st</sup> March, 2023 (contd...)

**c) Transactions and Balances with other parties are as follows:**

(Rs. in Crore)

| Name   | Balance payable as on 01.04.2022 | Revenue Grants Sanctioned during the year | Funds released during the year | Closing Balance as on 31.03.2023 |
|--|----------------------------------|---|--------------------------------|----------------------------------|
| Singareni Collieries Educational Society, Kothagudem | 18.32                            | 30.56                                     | 31.51                          | 17.37                            |
| Singareni Seva Samithi, Hyderabad                    | -                                | 0.78                                      | 0.78                           | -                                |

**5 a) Additional Information on Share of Parent Company and Subsidiary in Consolidation :**

| Name of the enterprise                          | Net Assets i.e. total assets minus total liabilities |                       | Share in profit or loss             |                       | Share in Other Comprehensive Income |                       | Share in Total Comprehensive Income |                       |
|---|--|-----------------------|-------------------------------------|-----------------------|-------------------------------------|-----------------------|-------------------------------------|-----------------------|
|   | As % of consolidated net assets                      | Amount (Rs. in Crore) | As % of Consolidated Profit or Loss | Amount (Rs. in Crore) | As % of Consolidated Profit or Loss | Amount (Rs. in Crore) | As % of Total Comprehensive Income  | Amount (Rs. in Crore) |
| <b>Parent:</b>                                  |  |                       |                                     |                       |                                     |                       |                                     |                       |
| <b>The Singareni Collieries Company Limited</b> | 99.57%   | 11936.2               | 99.91%                              | 2596.4                | 99.65%                              | (373.94)              | 99.96%                              | 2222.46               |
| <b>Held by Subsidiary</b>                       |  |                       |                                     |                       |                                     |                       |                                     |                       |
| APHMEL  | 0.37%  | 43.88                 | 0.19%                               | 4.85                  | 0.35%                               | (1.31)                | 0.16%                               | 3.54                  |
| Non Controlling Interest in APHMEL              | 0.07%  | 8.45                  | 0.01%                               | 0.18                  | -                                   | (0.01)                | 0.01%                               | 0.17                  |
| Adj : Elimination/ Adjustments on Consolidation | -0.01%   | (0.75)                | -0.11%                              | (2.78)                | -                                   | (0.01)                | -0.13%                              | (2.79)                |
|   | <b>100.00%</b>                                       | <b>11987.78</b>       | <b>100.00%</b>                      | <b>2598.65</b>        | <b>99.99%</b>                       | <b>(375.27)</b>       | <b>100.00%</b>                      | <b>2223.38</b>        |

**b) The summarised Statement of Profit and Loss of subsidiary is provided below:**

(Rs. in Crore)

| Particulars                                  | Year ended 31.03.2023 | Year ended 31.03.2022 |
|--|-----------------------|-----------------------|
| Income                                       | 45.41                 | 27.98                 |
| Expenses                                     | 39.14                 | 31.30                 |
| <b>Profit/(Loss) before tax</b>              | <b>6.27</b>           | <b>(3.32)</b>         |
| Tax expenses                                 | 1.42                  | (0.67)                |
| <b>Profit for the year</b>                   | <b>4.85</b>           | <b>(2.65)</b>         |
| Attributable to the owners of the company    | 4.67                  | (2.49)                |
| Attributable to the non-controlling interest | 0.18                  | (0.16)                |
| Other comprehensive Income                   | (1.32)                | (0.11)                |
| Attributable to the owners of the company    | (1.31)                | (0.11)                |
| Attributable to the non-controlling interest | (0.01)                | -                     |
| <b>Total comprehensive Income</b>            | <b>3.53</b>           | <b>(2.76)</b>         |
| Attributable to the owners of the company    | 3.36                  | (2.60)                |
| Attributable to the non-controlling interest | 0.17                  | (0.16)                |



Additional notes to the financial statements (consolidated) for the year ended 31<sup>st</sup> March, 2023 (contd...)

**c) Summarised Balance Sheet of Subsidiary is furnished hereunder:**

(Rs. in Crore)

| Particulars                                  | As at 31.03.2023 | As at 31.03.2022 |
|--|------------------|------------------|
| Non-Current Assets                           | 2.48             | 3.13             |
| Current Assets                               | 52.93            | 52.33            |
| Non-Current Liabilities                      | 2.91             | 4.51             |
| Current Liabilities                          | 8.63             | 10.61            |
| Total Equity                                 | 43.87            | 40.34            |
| Attributable to the owners of the company    | 35.41            | 32.05            |
| Attributable to the non-controlling interest | 8.46             | 8.29             |

**d) Summarised Cash flows of Subsidiary are as under:**

(Rs. in Crore)

| Particulars   | FY 2022-23 | FY 2021-22 |
|---|------------|------------|
| Net cashflow in operating activities                | (11.79)    | 11.49      |
| Net cashflow from investing activities              | 0.66       | 0.62       |
| Net cashflow in financing activities                | 0.01       | 0.01       |
| Net (decrease)/Increase in Cash and Cash equivalent | (11.12)    | 12.12      |

## 5.6: SEGMENT REPORTING

In terms of Paragraph 4 of Ind AS 108 'Operating Segments', disclosures related to segments are presented in this consolidated financial statements.

### SEGMENT INFORMATION

- The operating Segments are established on the basis of those components of the company that are evaluated regularly by the Executive Committee (the 'Chief Operating Decision Maker' as defined in Ind AS 108 - 'Operating Segments'). The Company has two principal Operating and Reporting segments; Viz. Coal and Power - Thermal, Solar. In addition, the subsidiary which is engaged in the manufacture & supply of Industrial Machinery & Spares is also disclosed as a segment.
- The accounting policies adopted for segment are in line with the accounting policy of the company with following additional policies for segment reporting. Revenue and Expenses have been identified to a segment on the basis of relationship to operating activities of the segment Revenue. Expenses which relate to enterprise as a whole and are not allocable to segment have been disclosed as "un allocable"
- Segment Assets and Segments Liabilities represent Assets and Liabilities in respective segments.



Additional notes to the financial statements (consolidated) for the year ended 31<sup>st</sup> March, 2023 (contd...)

**NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS FOR THE YEAR ENDED 31<sup>ST</sup> MARCH, 2023**

**I. Primary Information:**

| Sl. No | Particulars  | Coal      |                    | Thermal Power |                    | Solar Power |                    | Heavy Machinery and Services - Subsidiary |                    | Eliminations |                    | Unallocated |                    | Total     |
|--------|--|-----------|--------------------|---------------|--------------------|-------------|--------------------|---|--------------------|--------------|--------------------|-------------|--------------------|-----------|
|        |  | 2022-23   | 2021-22 (Restated) | 2022-23       | 2021-22 (Restated) | 2022-23     | 2021-22 (Restated) | 2022-23                                   | 2021-22 (Restated) | 2022-23      | 2021-22 (Restated) | 2022-23     | 2021-22 (Restated) |           |
|        | REVENUE  |           |                    |               |                    |             |                    |   |                    |              |                    |             |                    |           |
| 1      | Segment Revenue  |           |                    |               |                    |             |                    |   |                    |              |                    |             |                    |           |
| a      | External Turnover  | 21,768.42 | 16,632.33          | 4,395.86      | 3,833.37           | 19.40       | 27.71              | 15.15                                     | 6.30               | -            | -                  | -           | -                  | 26,198.83 |
| b      | Inter Segment Turnover                                   |           |                    |               |                    |             |                    |   |                    |              |                    |             |                    |           |
|        | -STPP  | 2,709.57  | 2,174.44           | -             | -                  | -           | -                  | -   | -                  | (2709.57)    | (2174.44)          | -           | -                  | -         |
|        | -APHMEL  | 1.80      | 1.70               | -             | -                  | -           | -                  | 27.05                                     | 17.61              | (28.85)      | (19.31)            | -           | -                  | -         |
|        | -SOLAR POWER   | -         | -                  | -             | -                  | 131.38      | 50.15              | -   | -                  | (131.38)     | (50.15)            | -           | -                  | -         |
| c      | Gross Turnover* (a+b)                                    | 24,479.79 | 18,808.47          | 4,395.86      | 3,833.37           | 150.78      | 77.86              | 42.20                                     | 23.91              | (2869.80)    | (2243.90)          | -           | -                  | 26,198.83 |
| 2      | Segment Result before interest and Taxes                 | 2,370.64  | 546.62             | 729.75        | 771.30             | 21.31       | 36.29              | 5.47                                      | (4.02)             |              |                    |             |                    | 3,127.17  |
| 3      | Interest Revenue   | 781.14    | 705.06             | 0.08          | 0.08               | -           | -                  | 0.80                                      | 0.72               |              |                    |             |                    | 782.02    |
| 4      | Interest Expense   | 11.29     | 58.95              | 307.65        | 239.89             | 9.91        | 27.28              | 0.00                                      | 0.02               |              |                    |             |                    | 328.85    |
| 5      | Profit Before Tax (2+3-4)                                | 3140.49   | 1192.73            | 422.18        | 531.49             | 11.40       | 9.01               | 6.27                                      | (3.32)             | (2.60)       | (2.60)             | 1.90        | -                  | 3,577.74  |
| 6      | Taxes & other adjustments                                |           |                    |               |                    |             |                    |   |                    |              |                    |             |                    |           |
|        | Income Tax   | -         | -                  | -             | -                  | -           | -                  | 0.99                                      | -                  | -            | -                  | -           | 397.28             | 304.72    |
|        | Deferred Taxes   | -         | -                  | -             | -                  | -           | -                  | 0.43                                      | (0.68)             | -            | -                  | -           | 580.39             | 199.01    |
|        | Earlier year taxes                                       | -         | -                  | -             | -                  | -           | -                  | -   | (0.01)             | -            | -                  | -           | -                  | -         |
| 7      | Profit after Tax (before OCI)                            | 3140.49   | 1192.73            | 422.18        | 531.49             | 11.40       | 9.01               | 4.85                                      | (2.65)             | (2.60)       | 1.90               | (977.67)    | (503.73)           | 2598.65   |
| 8      | Other Comprehensive Income net of Taxes                  |           |                    |               |                    |             |                    | 1.32                                      | 0.11               | 0.00         | 0.00               | 373.95      | 36.30              | 375.27    |
| 9      | Profit after Tax (before adj. of interest in Associates) | 3140.49   | 1192.73            | 422.18        | 531.49             | 11.40       | 9.01               | 3.53                                      | (2.76)             | (2.60)       | 1.90               | (1351.62)   | (540.03)           | 2223.38   |
| 10     | Profit/(Loss) Related to Non Controlling Interest        |           |                    |               |                    |             |                    |   |                    |              |                    |             |                    | 0.17      |
| 11     | Profit after Tax (after adj Non Controlling Interest)    |           |                    |               |                    |             |                    |   |                    |              |                    |             |                    | 2,223.21  |

**II. OTHER INFORMATION**

| Particulars                         | Coal      |           | Thermal Power |           | Solar Power |         | Heavy Machinery and Services - Subsidiary |         | Adjustment/ Eliminations |         | Unallocated |         | Total     |          |
|-------------------------------------|-----------|-----------|---------------|-----------|-------------|---------|---|---------|--------------------------|---------|-------------|---------|-----------|----------|
|                                     | 2022-23   | 2021-22   | 2022-23       | 2021-22   | 2022-23     | 2021-22 | 2022-23                                   | 2021-22 | 2022-23                  | 2021-22 | 2022-23     | 2021-22 |           |          |
| Segment Assets                      | 36,630.97 | 32,877.18 | 18,366.84     | 15,666.53 | 915.62      | 897.75  | 55.42                                     | 55.46   | (3.68)                   | 1.96    | -           | -       | 55,965.18 |          |
| Segment Liabilities                 | 41,182.02 | 35,976.96 | 2,554.13      | 2,925.33  | 319.71      | 803.39  | 11.54                                     | 15.11   | (11.38)                  | (8.35)  | -           | -       | 39,602.99 |          |
| Capital Expenditure                 | 958.69    | 1,536.47  | 131.95        | 20.61     | 40.28       | 57.43   | 0.13                                      | 0.14    | -                        | -       | -           | -       | 1,131.06  |          |
| Depreciation/ Amortization Expenses | 1,811.95  | 1,185.09  | 431.45        | 425.75    | 36.14       | 29.77   | 0.11                                      | 0.14    | -                        | -       | -           | -       | 2,279.65  |          |
|                                     |           |           |               |           |             |         |   |         |                          |         |             |         |           | 1,640.75 |

Note: 1) Since the company is not having any business operations outside India, Secondary disclosure does not arise.

2) The inter segment transfers are priced on Arms length basis except the orders placed on the subsidiary on nomination basis.

3) Capital Expenditure reported above is exclusive of the additions recognized for Site Restoration Assets. Capital Expenditure of Site Restoration Assets during the year Rs.3,003.27 Crore (Previous Year Rs.3,412.95 Crore).

**5.7: TAXATION****(i) Accounting for Taxes on Income under Ind AS-12: Calculation of Deferred Tax and Movement for the year 2022-23**

(Rs. in Crore)

| DEFERRED TAX ASSETS/ LIABILITY |  | As at<br>31.03.2023 | Recognised in<br>Statement of<br>Profit and Loss | As at<br>31.03.2022 |
|--------------------------------|--|---------------------|--|---------------------|
| <b>A</b>                       | <b>Deferred Tax Liabilities</b>                  |                     |  |                     |
|                                | Depreciation                                     | 996.72              | (14.29)  | 1,011.01            |
|                                | <b>Total</b>                                     | <b>996.72</b>       | <b>(14.29)</b>                                   | <b>1,011.01</b>     |
| <b>B</b>                       | <b>Deferred Tax Assets</b>                       |                     |  |                     |
|                                | Back filling, Waterbody & Mine Closure Provision | 275.97              | (479.85)   | 755.82              |
|                                | Gratuity   | 627.89              | (148.19)   | 776.08              |
|                                | Other Employment Benefits                        | 683.79              | 97.54  | 586.25              |
|                                | Overburden Removal                               | 349.38              | (38.70)  | 388.08              |
|                                | Other Provisions                                 | 435.28              | 99.57  | 335.71              |
|                                | <b>Total</b>                                     | <b>2,372.31</b>     | <b>(469.63)</b>                                  | <b>2,841.94</b>     |
|                                | <b>Deferred Tax Assets (net) (B-A)</b>           | <b>1,375.59</b>     | <b>(459.41)</b>                                  | <b>1,830.93</b>     |

**ii) Relationship between Tax Expense and Accounting Profit:**

Numerical Reconciliation of difference:

(Rs. in Crore)

| Sl. No. | Nature of Adjustments  | For the Year ended<br>31.03.2023 |
|---------|--|----------------------------------|
| 1       | Net profit as per Statement of Profit and Loss (before tax)          | 3,577.74                         |
| 2       | Add/Less: Differences as per Income Tax Act                          | (1997.80)                        |
| 3       | Taxable Profit for the purpose of Income Tax                         | 1579.94                          |
| 4       | Applicable tax rate @25.168%u/s 115BAA                               | 25.168%                          |
| 5       | IT on Taxable profit as per Income Tax Act, 1961 (3*4)               | 397.64                           |
| 6       | Taxes as per P&L A/c   |                                  |
|         | a) Current year tax  | 398.26                           |
|         | b) Deferred Tax in P&L   | 455.33                           |
|         | c) Deferred Tax in OCI   | 125.50                           |
|         | d) Tax related to earlier years                                      | -                                |
| 7       | Net tax liability as per P&L A/c (6a+6b+6c+6d)                       | 979.09                           |
| 8       | Other Comprehensive Income (Net of Deferred Tax)                     | (375.27)                         |
| 9       | Profit after Tax (Total comprehensive income for the period) (1-7+8) | <b>2,223.38</b>                  |



*Additional notes to the financial statements (consolidated) for the year ended 31<sup>st</sup> March, 2023 (contd...)*

**iii) Status of Income Tax Assessments:**

Income Tax Assessments were completed up to AY 2016-17. For the AY 2017-18, the Income Tax assessment is pending with Assessing Authorities due to pendency of Advance Ruling application filed before the Board for Advance Ruling (BAR), Mumbai, on the issue of allowability of provisions made for Back filling, Overburden Removal and Mine Closure obligations in the tax computation. For the AY 2018-19, the Income Tax assessment was completed except for the issues of allowability of provisions of Backfilling, Mine closure and OBR due to pendency of Advance Ruling application filed before the Board for Advance Ruling (BAR). Further, for the AY 2019-20 and AY 2021-22, the Income Tax assessments are not selected for Assessment and the Income Tax assessment for the AY 2022-23 is in progress.

**iv) Unsettled Tax propositions :**

The expenditure reimbursed to Educational society was disallowed in the latest assessments by the Tax Authorities, without change in law or the nature of claim. The company has contested the disallowance before the Appellate Authorities and is expecting a favourable decision. The tax liability for the current year is arrived duly considering the Educational Society expenditure as an allowable expenditure.

The Company had claimed deduction of Investment Allowance under section 32AC of the Income Tax Act, 1961, for the AY 2015-16 and AY 2016-17, on investment made in the new plant and machinery installed in the new Power Plant situated at Jaipur (V), Telangana, being 15 percent of investment made in new plant and machinery. This deduction claimed was disallowed on the ground that electricity/power is not an article or product and also contending that dates of acquisition, installation certificates, bills have not been furnished. The company has contested the disallowance before the Appellate Authorities and is expecting a favourable decision.

**5.8: INSURANCE AND ESCALATION CLAIMS :**

Insurance and escalation claims are accounted for on the basis of admission/final settlement.

**5.9: PROVISIONS MADE IN THE ACCOUNTS:**

Provisions made in the Books of Accounts, against slow moving/non-moving/obsolete stores, Expected Credit Loss on Advances and Doubtful Debts, impairment of Site Restoration Costs, Impairment of Other Mining Infrastructure (Development Expenditure), Buildings (Factory), Buildings (Others), Roads, CWIP of OMI (Development Expenditure) of UG Mines incurring losses etc., and Impairment of Development Expenditure at surrendered Coal Blocks are considered adequate to cover possible losses.

**5.10: CURRENT ASSETS, LOANS AND ADVANCES ETC:**

In the opinion of the Management, Assets other than Property, Plant and Equipment and Non-Current Investments have a value on realisation in the ordinary course of business at least equal to the amount at which they are stated.

**5.11: CURRENT LIABILITIES:**

Estimated liability has been provided for where the actual liability could not be measured.

**5.12: OTHER REGULATORY DISCLOSURES (AS NOTIFIED BY MCA)**

- i) The Company and the Subsidiary has not been declared willful defaulter by any Bank or Financial Institution or Government or any Government Authority or other lender in accordance with the guidelines on wilful defaulters issued by the Reserve Bank of India.
- ii) The Company had filed quarterly returns / statements of Current Assets with Banks during the year. However, slight variances are noticed in the same when compared with financial records. Hence, revised quarterly returns / statements have been filed with the Banks on 01.07.2023 and the revised returns / statements are in agreement with the Books of Account.

*Additional notes to the financial statements (consolidated) for the year ended 31<sup>st</sup> March, 2023 (contd...)*

- iii) The Company and the Subsidiary does not own any Benami Property neither any proceedings or initiated nor pending against the Company under the Prohibition of Benami Property Transactions Act, 1988.

**iv) Relationship with Struck off Companies:**

The Company has no transactions with Companies struck off under section 248 of the Companies Act, 2013 or section 560 of the Companies Act, 1956 except for the following:

(Rupees)

| Name of struck off company | Nature of transaction with struck off company | Balance outstanding as at 31.03.2023 | Balance outstanding as at 31.03.2022 | Relationship with the Struck off company |
|----------------------------|---|--------------------------------------|--------------------------------------|--|
| FLOCON SYSTEMS (P) LTD.    | Trade Payables                                | 94,778.00                            | 94,778.00                            | Supplier of Material                     |

The Subsidiary company does not have any transaction with struck off companies which were defined as per section 248 of the Companies Act, 2013 or section 560 of the Companies Act, 1956.

- v) The Company and the Subsidiary have not advanced or loaned or invested funds (either borrowed funds or security premium or any other sources or kind of funds) to any other person(s) or entity(ies), including foreign entities (Intermediaries) with the understanding (whether recorded in writing or otherwise) that the Intermediary shall
- directly or indirectly lend or invest in other persons or entities identified in any manner whatsoever by or on behalf of the Company (Ultimate Beneficiaries) or
  - provide any guarantee, security or the like to or on behalf of the Ultimate Beneficiaries.
- vi) The Company and the Subsidiary have not received any fund from any person(s) or entity(ies), including foreign entities (Funding Party) with the understanding (whether recorded in writing or otherwise) that the group shall:
- directly or indirectly lend or invest in other persons or entities identified in any manner whatsoever by or on behalf of the Funding Party (Ultimate Beneficiaries) or
  - provide any guarantee, security or the like on behalf of the Ultimate Beneficiaries.
- vii) There is no income surrendered or disclosed as income during the current or previous year in the tax assessments under the Income Tax Act, 1961, that has not been recorded in the Books of account.
- viii) The Company and the subsidiary has not traded or invested in Crypto Currency or Virtual Currency during the current or previous year.

**5.13. OTHERS:**

- Consequent to handing over of 9 schools, 2 colleges and 1 Polytechnic to Singareni Collieries Educational Society, all running expenses of these institutions, after deduction of receivables from these institutions (viz., Grant-in-Aid, Fee collections from students, recoveries from the employees towards amenities provided etc.,) are being met by the Company by way of Educational Grant. Further, infrastructure used by the Society is continued to be under the ownership of the Company for which no recovery is made from the Society.
- The Company engages contractors for removal of Overburden. In some of the contracts, the contractors are eligible for Bonus in respect of the quantity of HSD oil saved by them during the course of the contract, which is to be set off against future excess consumption as per contractual terms. Further, these Contractors can claim and en-cash such accrued Bonus at the end of every Financial Year at their option. Considering the



*Additional notes to the financial statements (consolidated) for the year ended 31<sup>st</sup> March, 2023 (contd...)*

uncertainty, the value of HSD oil saved at SRP OC.I of Rs.4.11 Crore after adjusting the quantity of Diesel against non-deployment of ancillary equipment as per the recommendations of Vigilance and Enforcement Directorate, Telangana State is not provided for in Books of Account as on 31.03.2023 (Previous year Rs. 72.31 Crore).

**C) Balance Confirmations:**

- i) Balance confirmation/reconciliation is carried out for cash & bank balances, certain loans & advances, long term liabilities and current liabilities. Provision is taken against all doubtful unconfirmed balances.
- ii) Joint reconciliation with major sundry debtors is done periodically. Further, in respect of Power Dues from TSPCC/TSDISCOMs, the Company is in the process of Joint Reconciliation from FY 2019-20 to FY 2022-23.

**D) Physical verification of Property, Plant and Equipment:**

Physical verification of all Property, Plant and Equipment with original value of Rs.3 Lakh and above of the Company will be covered in block of 3 years. The block of 2021-23 commenced from FY 2021-22.

- i) Property, Plant and Equipment with original value > Rs.50 Lakh annually.
- ii) Property, Plant and Equipment with original value > Rs.10 Lakh and < Rs.50 Lakh once in three years (2<sup>nd</sup> year of Block).
- iii) Property, Plant and Equipment with original value > Rs.3 Lakh and < Rs.10 Lakh once in three years (3<sup>rd</sup> year of Block).

The Property, Plant and Equipment mentioned at (i) & (ii) were physically verified during FY 2022-23 and deviations are accounted / regularized and in respect of other assets, the same are confirmed as available based on certification by the respective unit heads.

**5.14: STATEMENT OF OPENING STOCK, PRODUCTION, TURNOVER AND CLOSING STOCK OF COAL:**

(Rs. in Crore)

| Particulars                       | For the year ended 31.03.2023 |                      | For the year ended 31.03.2022 |                      |
|-----------------------------------|-------------------------------|----------------------|-------------------------------|----------------------|
|                                   | Quantity in '000 T            | Value (Rs. in Crore) | Quantity in '000 T            | Value (Rs. in Crore) |
| Opening Balance(Restated) @       | 4,838.70                      | 905.85               | 5,395.95                      | 883.68               |
| Production                        | 67,137.24                     | -                    | 65,021.96                     | -                    |
| Despatches to Outsiders           | 61,277.56                     | 21,764.00            | 60,157.17                     | 16,783.76            |
| Internal Consumption (incl. STPP) | 5,401.88                      | 2,709.57             | 5,413.03                      | 2,174.44             |
| Adjustments for adopted Stock     | -                             | -                    | -                             | -                    |
| Shale/Stone Write off             | 15.04                         | -                    | 9.01                          | -                    |
| Closing Balance*** (#) @          | 5,281.45                      | 1,548.17             | 4,838.70                      | 905.85               |

\*\*\* The above Closing Stock includes 15,044.60 Tonnes of shale valued at "NIL" rate (Previous Year 11,339.01 Tonnes)

# Closing stock includes 7,645.84 Tonnes of Coal in transit at STPP as on 31.03.2023 valuing Rs.4.13 Crore. (PY 7,674.24 Tonnes valuing Rs.3.29 Crore) (Restated).

@ The Opening and Closing values of Stocks are reduced by Rs.4.61 Crore and Rs.1.07 Crore respectively towards non-saleable Washery Rejects of 4.99 LT and 1.16 LT respectively.





*Additional notes to the financial statements (consolidated) for the year ended 31<sup>st</sup> March, 2023 (contd...)*

## **6. SIGNIFICANT CHANGES/ MODIFICATIONS IN THE ACCOUNTING POLICIES:**

Significant accounting policies (Note-2) have been suitably modified / re-drafted over previous year, as found necessary to elucidate the Accounting Policies adopted by the Company in pursuance of suggestions of Auditors and for adopting Peer industry practices as per the frame work of Indian Accounting Standards (Ind AS) notified by Ministry of Corporate Affairs (MCA) under the Companies (Indian Accounting Standards) Rules from time to time.

The following are the major changes/ modifications to the Accounting Policies of the Company in the current year:

### **6.1 Revenue from Sale of Solar Banked Units**

Up to FY 2021-22, considering the non-materiality of the Income generated from sale of Solar Banking Units when compared to other business verticals i.e. Sale of Coal and Sale of Thermal Power, no specific Accounting Policy was drafted into the Accounting Policy of Company. However, C&AG has suggested to mention a separate line activity for sale of Solar Banked Units in the Accounting Policies and also suggested to recognize Revenue from sale of Solar Banked units net of 2% Banking charges.

In view of the above, an Accounting Policy for recognizing the Revenue from Sale of Solar Banking Units is proposed to be included in the Significant Accounting Policies of the Company.

#### **Financial Impact:**

As Revenue was already recognized in the previous years, no specific impact on adoption of this new clause in the Accounting Policy.

However, due to deduction of banking charges, Rs.0.64 Crore provided towards doubtful debts upto FY 2021-22. Further, there is a reduction in the Revenue from Solar Banking Units during the Current year FY 2022-23 by Rs.0.40 Crore owing to deduction of banking Charges while recognizing revenue for the current year.

### **6.2 Recognition of Penalty Income on realization:**

As per the existing Accounting Policy, the penalties for short lifting of Coal, on termination of contract, for delay in supply of material / execution of contracts are being recognized as Income on realization. For this purpose, in case of encashment of BG's for appropriation towards penalties the invocation of BG is considered as realization by the Company as per the consistent practice being followed.

However, in order to avoid ambiguity and yield better clarity to the interpretation of Accounting Policy in consonance with the practice being followed, an explanation is added in the clause. Accordingly, the sub-clause of the Accounting Policy is further amplified by adding explanation to this effect. Since, the modification is in the nature of specifically mentioning the practice being followed continuously for giving clarity, there is no specific financial effect.

### **6.3 Componentization of Significant Spares:**

As per the provisions of Ind AS-16 PPE, the significant spares of the Plant equipment are to be capitalized and depreciated over the useful life instead of charging the same to consumption. For implementation of above componentization of significant spares a committee was constituted drawing members from Technical and other related departments.

Pending finalization of committee report, during the FY 2021-22 the company has adopted tentative threshold limit of Rs.25 Lakhs per unit for identifying the significant spares. The significant spares falling under above Rs.25 Lakhs category have been identified and classified as Capital Work in Progress as on 31.03.2022 for a value of Rs.69.21 Crore, pending assessment of the useful life of the respective spare/component.

During the year, based on the useful lives certified by the Technical Depts., componentization of significant spares was carried out. For this purpose a sub-clause is added in the accounting policy related to PPE at sub-clause related to componentization of spares. Since, the lives of the significant spares have been assessed in



*Additional notes to the financial statements (consolidated) for the year ended 31<sup>st</sup> March, 2023 (contd...)*

the current year only and as it is not practical to carryout componentization retrospectively, the change in the Accounting Policy is applied prospectively.

**Financial Impact:**

Due to componentization of significant spares, there is a reduction in the cost of the material consumed by Rs.69.21 Crore in the Current year. Further, the depreciation charged on the spares componentized amounted to Rs.20.15 Crore. Consequently, there is a net increase in the Profit Before Tax (PBT) for the year 2022-23 by Rs.49.06 Crore. Considering the Income Tax @ 25.168%, the increase in the Profit After Tax (PAT) for the year 2022-23 is Rs.36.71 Crore.

**6.4 Provision for Non-moving / Obsolete Stores Items at STPP:**

During the year 2020-21, provision for non-moving stores procured for Thermal Power Generation (STPP) was recognised for an amount of Rs.16.41 Crore time frame of 3 years from the date of receipt of material as being considered for coal mining vertical. However, during the year FY 2021-22, after ascertaining the principles adopted by M/s.NTPC for classifying the non-moving items at Thermal Power Generation Units i.e time frame of 5 years, the non-moving provision made at STPP was reviewed and as no spares and stores were falling under the non-moving category, the provision of Rs.16.41 Crore made in FY 2020-21 was withdrawn in the year FY 2021-22.

However, since the Accounting Policy of the Company and also M/s.NTPC for recognition of non-moving stores provision are akin except change in wording of Policy and time frames for classifying the non-moving items are not mentioned in both the policies, no changes / modifications were made to the Accounting Policy of the Company for adopting the above time frame of 5 years for STPP Operations. However, the C&AG during the course of Audit of Accounts for the Year 2021-22 had suggested to modify the Accounting policy for non-moving stores of STPP by mentioning time frames.

In view of the above, the Accounting Policy of the Company pertaining to classification of non-moving items and creation of provision there for is modified suitably by specifying the time frames adopted for Coal Mining and Thermal Power Generation activities separately.

**Financial Impact:**

The impact of the change in the Policy was already adopted in FY 2021-22 and an amount of Rs.16.41 Crore (earlier provision recognized in FY 2019-20 applying time frame of 3 years) was withdrawn in FY 2021-22. During the current year FY 2022-23, an amount of Rs.4.87 Crore is recognized as provision for non-moving items at STPP by adopting time frame of 5 years.

**6.5 Closing Stock Valuation – Ind AS 2 Vs Cost Accounting Records – Alignment of method of valuation in the Books of Account:**

The valuation of Closing Stock of Coal at Mines and CHPs is being carried out by considering the cost of production or NRV whichever is less. To review the cost of production adopted for valuation of Closing Stock as per Cost Accounting Rules and as per Ind AS 2 and to align the closing stock valuation in the Books of Account as per the cost Records, a Committee of Finance Officers was deputed to M/s. WCL, Nagpur for study of the practice being followed at their end for the purpose of valuation of Closing Stock, as per Cost Records and as per Ind AS.

The committee has reported that at M/s. WCL, CPRMS (E & NE) provisions are not considered as relevant Costs and amortization of Site Restoration Assets (MCP) is included in the Cost of Production. Further, during the visit of Senior Officers to M/s. CIL in April 2023, the method of valuation of closing stock was enquired. It is informed to the Committee that a high power committee is constituted at CIL level and report of the Committee is awaited.

*Additional notes to the financial statements (consolidated) for the year ended 31<sup>st</sup> March, 2023 (contd...)*

Considering the above, the cost of production as per the Cost records is adopted for closing stock valuation as per Ind AS 2 also from FY 2022-23.

The change in the method of valuation of in the Closing Stock Valuation (i.e. inclusion / exclusion of the Cost Elements as per cost records) is considered as a Change in the Accounting Policy as per Ind AS 8 and to be applied retrospectively.

**Financial Impact:****Upto FY 2020-21 (Earliest period):**

There is increase in the value of closing stock by Rs.160.20 Crore which is adjusted as an increase in the Retaining Earning as on 31.03.2021. The Deferred Tax thereon of Rs.40.32 Crore is also recognized as a reduction in the Retained Earnings as on 31.03.2021. The Net Increase in the Retained Earnings as on 31.03.2021 is Rs.119.88 Crore.

**FY 2021-22 (Comparative period):**

There is a increase in the value of closing stock as on 31.03.2022 by Rs.153.85 Crore. After adjusting the increase in Stock as on 31.03.2021 the decrease in the value of closing stock is Rs 6.35 Crore, which is recognized as a change in the reported corresponding figure of Changes in the Inventory.

Consequent to this, there is decrease in the Profit Before Tax by Rs.6.35 Crore. After adjusting the Deferred Tax of Rs.1.60 Crore, the net decrease in the Profit After Tax for FY 2021-22 is Rs.4.75 Crore.

**Reporting Year FY 2022-23:**

There is an increase in the value of closing stock as on 31.03.2023 by Rs.205.10 Crore. After adjusting the increase in Stocks upto 31.03.2022, the increase in the value of closing stock is Rs.51.25 Crore for the current year 2022-23.

Consequent to this, there is an increase in the Profit Before Tax by Rs.51.25 Crore. After adjusting the current Tax of Rs.12.90 Crore, the net increase in the Profit After Tax for FY 2022-23 is Rs.38.35 Crore.

**6.6 Inventorization of Medicines:**

As per the extant Accounting Policy of the Company Medicines are being charged directly to consumption on receipt itself. However in pursuance of the system study conducted by Internal Audit Dept, the Audit Committee approved to inventorize medicines for efficient monitoring the procurement and consumption patterns.

For Inventorization of medicines suitable changes are made to the existing Accounting Policy related to Inventories. The change in the Accounting Policy of Inventorization of Medicines is to be applied retrospectively.

For this purpose, in addition to bringing the existing stock of medicines and other items into stock records during the current year, the stock of medicines as on 31.03.2021 and 31.03.2022 (i.e. earliest period and comparative periods) respectively are also brought into the Books of Account, in pursuance of provisions of Ind AS 8 for retrospective application of this new Accounting Policy.

**Financial Impact:****Upto FY 2020-21 (Earliest period)**

The stock of medicines, surgical and other items as on 31.03.2021 is to be recognized by way of increase in the Retained Earnings by Rs.12.95 Crore. The Deferred Tax of Rs.3.26 Crore is reduced from the Retained Earnings. The Net Impact is increase in the Retaining Earnings by Rs.9.68 Crore.

The value of stock of medicines, surgical and other items as on 31.03.2022 was Rs.13.79 Crore. Hence, the increase of Rs.0.84 Crore in the inventory value of medical / surgical and other items is to be transacted as a restatement of Reported figure of Changes in the Inventory of FY 2021-22 with consequent increase in the PBT.



*Additional notes to the financial statements (consolidated) for the year ended 31<sup>st</sup> March, 2023 (contd...)*

After adjusting the Deferred Tax Impact of Rs.0.21 Crore, the Net increase in the PAT for the year 2021-22 is Rs.0.63 Crore.

**For the Year 2022-23 (Reporting Year)**

The value of the medicines brought into inventory records (MM Module) during the current year amounted to Rs.12.95 Crore. After setting off of the stock of medicines brought into records upto 31.03.2022, the net decrease in the stock of medicines, surgical and other items is Rs.0.84 Crore. Consequent to this there is a decrease in the PBT of the FY 2022-23. After adjusting the Deferred Tax of Rs.0.21 Crore the net decrease on the PAT of FY 2022-23 is Rs.0.63 Crore.

- 6.7** In addition to above, some textual modification are made to the Accounting policy related to Depreciation for specifying the adoption of useful life of Mines as the basis for charge of deprecation of Mine related fixed assets and rates specified in TSERC Regulations for STPP related Assets for yielding more clarity. Further, few textual changes are also made to other policies wherever required to correct typographical errors and for yielding more clarity.

**7. FUTURE CHANGES IN THE ACCOUNTING POLICIES:**

The Ministry of Corporate Affairs (MCA) notifies new standard or amendments to the existing standards under Companies (Indian Accounting Standards) Rules as amended from time to time.

As per requirement mentioned at Para No. 30 of Ind AS 8 (Accounting Policies, Changes in Accounting estimates and Errors), the amendments to Standards that are issued, but not yet effective, up to the date of issuance of the Company's Financial Statements are required to be disclosed.

The amendments effective from 01.04.2023 to relating to 'Ind AS-1 Presentation of Financial Statements' with regard to disclosure of Accounting Policies as 'Material Accounting Information' rather than as Significant Accounting Policies and Ind AS-8 - Accounting Policies, Changes in Accounting Estimates and Errors relating to definition of Accounting Estimates for distinguishing between change in accounting estimates and changes in Accounting Policy and Ind AS-12 - Income Taxes relating to narrowing down the scope of the initial recognition exemption so that it does not apply to transactions that give rise to equal and offsetting temporary differences. are being analysed. Pending detailed analysis, the Company expects that the amendments proposed by MCA do not have any Significant Impact on the Financial Statements.

**8. IND AS 10 – “EVENTS AFTER THE REPORTING PERIOD” :**

The material non-adjusting events after the Reporting Period which are required to be disclosed in the Financial Statements for the current year have been appropriately disclosed in the Notes wherever required.

The material Non Adjusting Events After the Reporting Date (i.e 31.03.2023) i.e. declaration of dividend for the year 2022-23 was disclosed at Note no 39.11.

**9. MATERIAL PRIOR PERIOD ERRORS:**

**i) Inclusion of BC/Top Soil removal at external Dump of IK OC as Over burden removal quantities:**

During the year 2020-21 & 2021-22, 13.99 L.cum and 15.60 L.cum respectively of BC Soil excavated at IK OCP Mine, under the external dump outside quarry area were reported as OB Removal Quantities by Project Authorities. Accordingly OBR Schedules have been prepared considering the BC Soil quantities also.

As the BC/Top Soil removal quantities under external dump shall not be considered in OB removal Quantities, these quantities are not considered for review of general review of Project Stripping ratio by Project Planning Dept. This excess consideration of quantities in OB Removal accounting is considered

*Additional notes to the financial statements (consolidated) for the year ended 31<sup>st</sup> March, 2023 (contd...)*

as a material Prior period error and corrected by retrospectively as per Ind AS-8 read with the Company's significant Accounting Policy No.2.2.21.

Consequently, the Backfilling Provision of respective years is also influenced by the above Prior period error in OBR accounting in view of adoption of weighted Average outsourced OB removal rate/cum for assessing the Backfilling Obligation. This consequential prior period error is also corrected retrospectively.

**Financial Impact:**

Consequent to the above, there is an increase in OBR Adjustment and back filling charge by Rs.40.82 Crore (Increase in charge) out of which an amount of Rs.15.87 Crore is transacted by way of reduction in Retained Earnings as on 01.04.2021. Considering the Deferred Tax Asset of Rs.1.04 Crore, the net decrease in the Retained Earnings as on 01.04.2021 is Rs.14.83 Crore.

The remaining amount of Rs.24.95 Crore is transacted by way of restatement of reported figures of the comparative period i.e. FY 2021-22. Consequently, there is a reduction in Profit before Tax by Rs.24.95 Crore. Considering the Deferred Tax Asset of Rs.0.84 Crore, the net decrease and PAT of FY 2021-22 by Rs.24.11 Crore.

**ii) Omission to recognize partial Backfilling Obligation for MNG OC :**

As per the Revised Environment Clearance for MNG OCP obtained from MOEF Dt.18.02.2022 the depth of the mine void shall be reduced from current 200 m to 150m (at least) and height of OB Dump and re-grade it for better landscaping. However, the Technical Dept Project had not considered the above revised EC conditions in the estimation of Backfilling and water body obligations of FY 2021-22 since representations were made to MoEF to consider final void depth at 200 m in line with approved Mining plan which is base document for the grant of EC.

As per the revised EC conditions, it is required to backfill the final void with 8.71 M.cum to bring the void depth from 200 m to 150 m in addition to adequate Engineering interventions shall be provide for the sustenance of aquatic life there in for final void area of 158.96 Ha with a depth of 150 m from earlier 200 m. However, during the FY 2022-23, Technical Dept has proposed to adopt the revised EC to consider partial backfilling and partial waterbody as per the above revised EC conditions.

Since the revised EC condition i.e. partial backfilling and partial waterbody should have been adopted in FY 2021-22 itself and provision should have been reassessed based on the revised EC condition, the issue is considered as a Prior Period Error and corrected retrospectively as per Ind AS-8 read with the Company's significant Accounting Policy No.2.2.21.

**Financial Impact:**

Consequent to above correction of Prior period Error, there is a net decrease in the Unwinding cost of FY 2021-22 by Rs.1.65 Crore and increase in the depreciation on corresponding asset for FY 2021-22 by Rs.18.81 Crore. This impact was corrected by way of restatement of reported figures of the Comparative Period i.e. FY 2021-22. Owing to this, there is a reduction in the Profit Before Tax of FY 2021-22 by Rs.17.16 Crore. After considering the Deferred Tax Asset of Rs. 4.32 Crore, the net decrease and PAT of FY 2021-22 by Rs.12.84 Crore.

**iii) Omission to regularize reduction in MAT credit :**

During the year 2018-19, MAT Credit of Rs.192 Crore was recognised and the Tax Expense was reduced accordingly. Subsequently, it was observed that the MAT Credit was overstated by Rs.60.34 Crs (the Mine Closure Provision of Rs.172.67 Crore was wrongly claimed) which should have been regularized in 2019-20. This excess recognition of MAT Credit in FY 2018-19 and its non regularization in 2019-20 is considered as a material Prior Period error and corrected by retrospectively by way of adjustment against



*Additional notes to the financial statements (consolidated) for the year ended 31<sup>st</sup> March, 2023 (contd...)*

the Retained Earnings as on 01.04.2021 as per Ind AS 8 read with the Companies significant Accounting Policy no.2.2.21.

**Financial Impact:**

Consequent to above correction of Prior period Error, there is a decrease in the opening balance of Retained Earnings as on 01.04.2021 by Rs.60.34 Crore and corresponding reduction in the Current Tax Asset (grouping Debit).

**iv) Other Prior Period Errors:**

In addition to the above, few Prior Period Errors viz. non accounting of receivable against the CMPS charges recovered from CMPF authorities in respect of employees whose service was extended from 60 years to 61 years, excess provision for sampling charges, repairs & maintenance, omission to make provision for perks tax, short recognition of ROU lease liability charging the Magnetic separators to revenue though approval was accorded for procurement as capital items etc. have been identified during the year.

These Prior Period Errors are required to be corrected retrospectively as per Ind AS -8 read with the Company's Accounting Policy No 2.2.21.

Consequently, the above prior period errors amounting to Rs.12.81 (Net Income) and Deferred Tax Impact there on of Rs.3.81 Crore (net impact being Rs.9.00 Crore) have been corrected retrospectively by restating the opening balance of Retained Earnings as on 01.04.2021 (earliest period) by Rs.1.75 Crore (net Increase in Retained Earnings) and by restating the comparative reported figures for the Previous Period i.e 2021-22 by Rs.7.25 Crore (net Increase in PAT).

**10. EXCEPTIONAL ITEMS:**

**i) Remediation Action Plan:**

During FY 2022-23, ECs were approved for four Mines by MoEF&CC and EAC/SEAC recommended ECs for six Mines recommending the activities for Rs.20.65 Crore towards implementation of RP, CRAP, NCRAP & PH commitments as against the provision made for Rs.26.30 Crore. Accordingly, excess provision of Rs.5.65 Crore was written back and credited to Profit and Loss Account of the Current Year. Further, an amount of Rs.8.13 Crore is provided towards implementation of RP, CRAP, NCRAP & PH commitments in respect of the remaining Mines in Violation Category. The Net increase in the Provision Rs.2.48 Crore (PY withdrawal of Rs.4.43 Crore).

**ii) Provision for Environment Compensation – (Hon' NGT):**

During the year 2022-23, provision for an amount of Rs.0.13 crore is made consequent to the notice issued by TSPCB on 05.06.2023 environmental violation observed at Kharagura OCP, in pursuance of Hon' NGT directions. (PY Rs. 41.21 Crore).

**iii) Penalties levied on Supplier for performance failure at Adriyala Longwall Project:**

During the year, decision was taken to impose penalties on supplier against the for failure to achieve performance obligations at Adriyala Longwall Project. Accordingly, 20% equipment value withheld of Euro 1,09,09,741.01 have been adjusted towards Penalty. In addition, the Bank Guarantee submitted by the Firm for Euro 55,43,664.00 was also invoked. This Penalty Income arising out of the settlement of dispute translated into Rs.147.22 Crore is classified and presented as Exceptional Item for FY 2022-23.

Considering the specific nature of the above expenditures, the Company has classified and disclosed the same as an Exceptional Items as per Para No. 9.6 of Guidance Note issued by ICAI on Division II - Ind AS Schedule -III to the Companies Act, 2013.



*Additional notes to the financial statements (consolidated) for the year ended 31<sup>st</sup> March, 2023 (contd...)*

## **11. DIVIDEND INFORMATION:**

For the year 2021-22, dividend was declared by the shareholders in the AGM held on 29.12.2022 @ 7.5% of paid up Share Capital. The Dividend of Rs.129.99 Crore was paid during the current year and adjusted against the Retained Earnings.

For the year 2022-23, the Board of Directors have recommended dividend @ 10% of the Paid up Share Capital which works out to Rs.173.32 Crore. Pending declaration of Dividend for the year 2022-23 by the shareholders in the ensuing AGM, the same is not accounted in the Books of Account as it is in the nature of an 'Non Adjusting Event' after the Reporting Date as per the provisions of Ind AS 10 "Events after the Reporting Date".

## **12. DISCLOSURES WITH REGARD TO IMPACT OF COVID-19 ON THE COMPANY'S OPERATIONS:**

### **I. Impact of Covid-19 during FY 2022-23**

#### **a) Coal Mining Operations:**

The performance of the Company with regard to coal mining operations is normal during the year and there is no impact of COVID -19.( PY reduction in the production and dispatches of coal by 2.00 LT). Further, there is no reduction in the revenue and PBT from coal operations of Current Year ( PY - reduction in Revenues of Rs.53.00 Crore and reduction in PBT of Rs.35.00 Crore).

#### **b) Power Plant Operations (STPP) :**

The performance of the Company with regard to operations of STPP in current year as well as and previous year have been normal and there was no impact of COVID -19 on the Gross Generation and Net Export during the current year as well as previous year.

### **II. Impact of Covid-19 on the Operations of FY 2023-24:**

Due to restoration of normal conditions it is expected that any further break-out of next waves of Covid-19, if any, are not expected to have any significant influence on the operations of the Company during the year 2023-24.

## **13. BASIS OF PREPARATION OF CONSOLIDATED FINANCIAL STATEMENTS:**

- a) As far as possible, the Consolidated Financial Statements are prepared using uniform Accounting Policies for like transactions and other events in similar circumstances and are presented in the same manner as the Company's separate Financial Statements.
- b) Significant Accounting Policies and Notes to these Consolidated Financial Statements are intended to serve as a means of informative disclosure and a guide for better understanding the consolidated position of the companies. Recognizing this purpose the Company has disclosed only such Policies and Notes from Individual financial statements, which fairly present the needed disclosure.
- c) The financial statements of the company and its subsidiary company are combined on a line-by-line basis adding together the book values of like items of assets, liabilities, income and expenses, after fully eliminating intra-group balances and intra-group transactions resulting in unrealized profits or losses in accordance with IND AS-110 - "Consolidated Financial Statements" as notified by the Companies Act, 2013.



*Additional notes to the financial statements (consolidated) for the year ended 31<sup>st</sup> March, 2023 (contd...)*

- d) Shares in the Subsidiary i.e., M/s. APHMEL held by the Holding Company as at 31.03.2023 is 1,40,82,700 Equity Shares out of 1,72,71,293 Shares of Rs.10/- each and extent of holding is 81.54%. The excess of the purchase consideration paid over the parents portion of equity has been attributed as goodwill, details are given below:

| S. No.       | Date of investment | No. of Shares      | Book value of investment (Rs. in Crore) | Cost of Investment (Rs. in Crore) | Capital Profit (Rs. in Crore) | Goodwill (Rs. in Crore) (d-e+f) |
|--------------|--------------------|--------------------|---|-----------------------------------|-------------------------------|---------------------------------|
| (a)          | (b)                | (c)                | (d)                                     | (e)                               | (f)                           | (g)                             |
| 1            | Up to 1997-98      | 6,01,300           | 0.60                                    | 0.60                              | -                             | -                               |
| 2            | 20.06.1998         | 49,02,700          | 4.90                                    | -                                 | (14.16)                       | 9.26                            |
| 3            | 22.12.2000         | 85,78,700          | 8.58                                    | 8.58                              | (5.69)                        | 5.69                            |
| <b>Total</b> |                    | <b>1,40,82,700</b> | <b>14.08</b>                            | <b>9.18</b>                       | <b>(19.85)</b>                | <b>14.95</b>                    |

- e) Joint Venture with, APMDC-SCCL Suliari Coal Company Limited was not consolidated as the Financial Statements are not made available. During the year, there are no transactions with the JV Company and the winding up proceedings are yet to commence.

14.1 Previous period's figures have been regrouped, rearranged and renumbered wherever considered necessary.

14.2 The effect of changes/modifications in the Accounting Policies and Correction of Material Prior Period Errors as mentioned at Note No.39.9 and 39.6 have been carried out by restating each of the affected financial statement line items for prior periods as per Ind AS-8. The impact of the restatement on the Company's Consolidated Financial Statements is furnished hereunder:



**Sand from Overburden material: POB Plant at Bhupalapalli area**



**Balance Sheet (Consolidated)**As at 1<sup>st</sup> April 2021

(Rs. in Crore)

| Sl. No.   | Particulars                           | Note No | Impact of correction of error and changes in Accounting Policies |                |                  |
|-----------|---------------------------------------|---------|--|----------------|------------------|
|           |                                       |         | As previously reported   | Adjustments    | As Restated      |
|           | <b>ASSETS:</b>                        |         |  |                |                  |
| <b>A.</b> | <b>Non-Current Assets:</b>            |         |  |                |                  |
| (a)       | Property, Plant and Equipment         | 3       | 14,442.70  | 8.07           | 14,450.77        |
| (b)       | Capital Work-In-Progress              | 4       | 1,538.96   | -              | 1,538.96         |
| (c)       | Investment Property                   | 5A      | 1.06   | -              | 1.06             |
| (d)       | Right of Use Assets                   | 5B      | 14.82  | -              | 14.82            |
| (e)       | Goodwill                              |         | 14.95  | -              | 14.95            |
| (f)       | Other Intangible Assets               | 5C      | 0.80   | -              | 0.80             |
| (g)       | Intangible Assets - Under Development | 5D      | 367.11   | -              | 367.11           |
| (h)       | Financial Assets:                     |         |  |                |                  |
| (i)       | Investments                           | 6       | 2,800.19   | -              | 2,800.19         |
| (ii)      | Others                                | 8       | 4,738.73   | -              | 4,738.73         |
| (i)       | Deferred Tax Assets (Net)             | 9       | 2,060.14   | (43.12)        | 2,017.02         |
| (j)       | Other Non-Current Assets              | 10      | 580.46   | -              | 580.46           |
|           | <b>Total Non-Current Assets (A)</b>   |         | <b>26,559.92</b>   | <b>(35.05)</b> | <b>26,524.87</b> |
| <b>B.</b> | <b>Current Assets:</b>                |         |  |                |                  |
| (a)       | Inventories                           | 11      | 1,297.33   | 173.15         | 1,470.48         |
| (b)       | Financial Assets:                     |         |  |                |                  |
| (i)       | Trade Receivables                     | 12      | 9,408.36   | -              | 9,408.36         |
| (ii)      | Cash and Cash Equivalents             | 13      | 887.00   | -              | 887.00           |
| (iii)     | Bank Balance Other than (ii) above    | 14      | 705.32   | -              | 705.32           |
| (iv)      | Investments                           | 6       | 0.96   | -              | 0.96             |
| (v)       | Loans                                 | 7       | 59.07  | 2.34           | 61.41            |
| (vi)      | Others                                | 8       | 547.03   | -              | 547.03           |
| (c)       | Current Tax Asset (Net)               | 15      | 194.86   | (60.34)        | 134.52           |
| (d)       | Other Current Assets                  | 16      | 1,083.66   | -              | 1,083.66         |
|           | <b>Total Current Assets (B)</b>       |         | <b>14,183.59</b>   | <b>115.15</b>  | <b>14,298.74</b> |
|           | <b>TOTAL ASSETS (A+B)</b>             |         | <b>40,743.51</b>   | <b>80.10</b>   | <b>40,823.61</b> |



## Balance Sheet (Consolidated)

As at 1<sup>st</sup> April 2021

(Rs. in Crore)

| Sl. No.    | Particulars                                | Note No | Impact of correction of error and changes in Accounting Policies |              |                  |
|------------|--|---------|--|--------------|------------------|
|            |  |         | As previously reported   | Adjustments  | As Restated      |
|            | <b>EQUITY AND LIABILITIES:</b>             |         |  |              |                  |
| <b>A.</b>  | <b>EQUITY:</b>                             |         |  |              |                  |
|            | (a) Equity Share Capital                   | 17      | 1,733.20   | -            | 1,733.20         |
|            | (b) Other Equity                           | 18      | 6,951.69   | 56.16        | 7,007.85         |
|            | (c) Non Controlling Interest               |         | 8.45   | -            | 8.45             |
|            | <b>Total Equity (A)</b>                    |         | <b>8,693.34</b>  | <b>56.16</b> | <b>8,749.50</b>  |
| <b>B.</b>  | <b>LIABILITIES:</b>                        |         |  |              |                  |
| <b>B.1</b> | <b>Non-Current Liabilities:</b>            |         |  |              |                  |
|            | (a) Financial Liabilities:                 |         |  |              |                  |
|            | (i) Borrowings                             | 19      | 3,621.26   | -            | 3,621.26         |
|            | (ii) Lease Liability                       | 21 A-1  | 3.69   | -            | 3.69             |
|            | (iii) Other Financial Liabilities          | 21 B-1  | 281.10   | -            | 281.10           |
|            | (b) Provisions                             | 22.1    | 20,516.66  | 23.94        | 20,540.60        |
|            | <b>Total Non-Current Liabilities (B.1)</b> |         | <b>24,422.71</b>   | <b>23.94</b> | <b>24,446.65</b> |
| <b>B.2</b> | <b>Current Liabilities:</b>                |         |  |              |                  |
|            | (a) Financial Liabilities:                 |         |  |              |                  |
|            | (i) Borrowings                             | 19      | 1,724.59   | -            | 1,724.59         |
|            | (ii) Trade Payables                        |         |  |              |                  |
|            | - Micro and Small Enterprises              | 20 B1   | 25.97  | -            | 25.97            |
|            | - Others                                   | 20 B2   | 815.22   | -            | 815.22           |
|            | (iii) Lease Liability                      | 21 A-2  | 12.72  | -            | 12.72            |
|            | (iv) Other Financial Liabilities           | 21 B-2  | 1,509.33   | -            | 1,509.33         |
|            | (b) Other Current Liabilities              | 24      | 2,332.30   | -            | 2,332.30         |
|            | (c) Provisions                             | 22.2    | 1,207.33   | -            | 1,207.33         |
|            | (d) Current Tax Liabilities (Net)          | 25      | -  | -            | -                |
|            | <b>Total Current Liabilities (B.2)</b>     |         | <b>7,627.46</b>  | <b>-</b>     | <b>7,627.46</b>  |
|            | <b>Total Liabilities (B=(B.1+B.2))</b>     |         | <b>32,050.17</b>   | <b>23.94</b> | <b>32,074.11</b> |
|            | <b>TOTAL EQUITY AND LIABILITIES (A+B)</b>  |         | <b>40,743.51</b>   | <b>80.10</b> | <b>40,823.61</b> |

**Balance Sheet (Consolidated)**As at 31<sup>st</sup> March, 2022

(Rs. in Crore)

| S. No.    | Particulars                           | Note No | Impact of correction of error and changes in Accounting Policies |               |                  |
|-----------|---------------------------------------|---------|--|---------------|------------------|
|           |                                       |         | Restated as at 31.03.2022 *                                      | Adjustments   | As Restated      |
|           | <b>ASSETS:</b>                        |         |  |               |                  |
| <b>A.</b> | <b>Non-Current Assets:</b>            |         |  |               |                  |
| (a)       | Property, Plant and Equipment         | 3       | 17,001.81  | 52.02         | 17,053.83        |
| (b)       | Capital Work-In-Progress              | 4       | 1,350.58   | 1.28          | 1,351.86         |
| (c)       | Investment Property                   | 5A      | 1.04   | -             | 1.04             |
| (d)       | Right of Use Assets                   | 5B      | 15.98  | -             | 15.98            |
| (e)       | Goodwill                              |         | 14.95  | -             | 14.95            |
| (f)       | Other Intangible Assets               | 5C      | 0.41   | -             | 0.41             |
| (g)       | Intangible Assets - Under Development | 5D      | 598.16   | -             | 598.16           |
| (h)       | Financial Assets:                     |         |  |               |                  |
| (i)       | Investments                           | 6       | 1,800.19   | -             | 1,800.19         |
| (ii)      | Others                                | 8       | 6,513.29   | -             | 6,513.29         |
| (i)       | Deferred Tax Assets (Net)             | 9       | 1,827.62   | 3.32          | 1,830.94         |
| (j)       | Other Non-Current Assets              | 10      | 829.83   | -             | 829.83           |
|           | <b>Total Non-Current Assets (A)</b>   |         | <b>29,953.86</b>   | <b>56.62</b>  | <b>30,010.48</b> |
| <b>B.</b> | <b>Current Assets:</b>                |         |  |               |                  |
| (a)       | Inventories                           | 11      | 1,472.25   | (5.50)        | 1,466.75         |
| (b)       | Financial Assets:                     |         |  |               |                  |
| (i)       | Trade Receivables                     | 12      | 14,646.98  | -             | 14,646.98        |
| (ii)      | Cash and Cash Equivalents             | 13      | 473.15   | -             | 473.15           |
| (iii)     | Bank Balance Other than (ii) above    | 14      | 77.80  | -             | 77.80            |
| (iv)      | Investments                           | 6       | 1,000.00   | -             | 1,000.00         |
| (v)       | Loans                                 | 7       | 56.49  | 0.51          | 57.00            |
| (vi)      | Others                                | 8       | 665.15   | -             | 665.15           |
| (c)       | Current Tax Asset (Net)               | 15      | 28.62  | -             | 28.62            |
| (d)       | Other Current Assets                  | 16      | 1,151.66   | -             | 1,151.66         |
|           | <b>Total Current Assets (B)</b>       |         | <b>19,572.10</b>   | <b>(5.00)</b> | <b>19,567.10</b> |
|           | <b>TOTAL ASSETS (A+B)</b>             |         | <b>49,525.96</b>   | <b>51.62</b>  | <b>49,577.58</b> |

\* figures reported are after giving effect of the impact of correction of errors and changes in accounting policies as on 01.04.2021.



## Balance Sheet (Consolidated) (Contd...)

As at 31<sup>st</sup> March, 2022

(Rs. in Crore)

| S. No.     | Particulars                                | Note No | Impact of correction of error and changes in Accounting Policies |                |                  |
|------------|--|---------|--|----------------|------------------|
|            |  |         | Restated as at 31.03.2022 *                                      | Adjustments    | As Restated      |
|            | <b>EQUITY AND LIABILITIES:</b>             |         |  |                |                  |
| <b>A.</b>  | <b>EQUITY:</b>                             |         |  |                |                  |
| (a)        | Equity Share Capital                       | 17      | 1,733.20   | -              | 1,733.20         |
| (b)        | Other Equity                               | 18      | 8,157.49   | (33.84)        | 8,123.65         |
| (c)        | Non Controlling Interest                   |         | 8.29   | -              | 8.29             |
|            | <b>Total Equity (A)</b>                    |         | <b>9,898.98</b>  | <b>(33.84)</b> | <b>9,865.14</b>  |
| <b>B.</b>  | <b>LIABILITIES:</b>                        |         |  |                |                  |
| <b>B.1</b> | <b>Non-Current Liabilities:</b>            |         |  |                |                  |
| (a)        | Financial Liabilities:                     |         |  |                |                  |
| (i)        | Borrowings                                 | 19      | 2,776.29   | -              | 2,776.29         |
| (ii)       | Lease Liability                            | 21 A-1  | 9.39   | -              | 9.39             |
| (iii)      | Other Financial Liabilities                | 21 B-1  | 304.16   | -              | 304.16           |
| (b)        | Provisions                                 | 22.1    | 25,606.50  | 94.14          | 25,700.64        |
|            | <b>Total Non-Current Liabilities (B.1)</b> |         | <b>28,696.34</b>   | <b>94.14</b>   | <b>28,790.48</b> |
| <b>B.2</b> | <b>Current Liabilities:</b>                |         |  |                |                  |
| (a)        | Financial Liabilities:                     |         |  |                |                  |
| (i)        | Borrowings                                 | 19      | 1,363.26   | -              | 1,363.26         |
| (ii)       | Trade Payables                             |         |  |                |                  |
|            | - Micro and Small Enterprises              | 20 B1   | 18.35  | -              | 18.35            |
|            | - Others                                   | 20 B2   | 994.28   | -              | 994.28           |
| (iii)      | Lease Liability                            | 21 A-2  | 5.81   | 1.54           | 7.35             |
| (iv)       | Other Financial Liabilities                | 21 B-2  | 1,277.64   | (206.74)       | 1,070.90         |
| (b)        | Other Current Liabilities                  | 24      | 5,225.77   | 256.32         | 5,482.09         |
| (c)        | Provisions                                 | 22.2    | 2,045.53   | (59.81)        | 1,985.72         |
| (d)        | Current Tax Liabilities (Net)              | 25      | -  | -              | -                |
|            | <b>Total Current Liabilities (B.2)</b>     |         | <b>10,930.64</b>   | <b>(8.68)</b>  | <b>10,921.96</b> |
|            | <b>Total Liabilities (B=(B.1+B.2))</b>     |         | <b>39,626.98</b>   | <b>85.46</b>   | <b>39,712.44</b> |
|            | <b>TOTAL EQUITY AND LIABILITIES (A+B)</b>  |         | <b>49,525.96</b>   | <b>51.62</b>   | <b>49,577.58</b> |

\* figures reported are after giving effect of the impact of correction of errors and changes in accounting policies as on 01.04.2021.

**Statement of Profit & Loss (Consolidated)**For the year ended 31<sup>st</sup> March, 2022

(Rs. in Crore)

| S. No. | Particulars   | Note No. | Impact of correction of error and changes in Accounting Policies |                |                  |
|--------|---|----------|--|----------------|------------------|
|        |   |          | For the year ended   |                |                  |
|        |   |          | 31.03.2022   | Adjustments    | 31.03.2022       |
|        | <b>REVENUE FROM OPERATIONS:</b>   |          |  |                |                  |
| (I)    | Revenue from Operations   | 26       | 20,499.70  | -              | 20,499.70        |
| (II)   | Other Income  | 27       | 1,401.04   | (1.87)         | 1,399.17         |
| (III)  | <b>Total Income (I+II)</b>  |          | <b>21,900.74</b>   | <b>(1.87)</b>  | <b>21,898.87</b> |
| (IV)   | <b>EXPENSES:</b>  |          |  |                |                  |
|        | Cost of Materials Consumed  | 28       | 4,529.05   | (0.77)         | 4,528.28         |
|        | Changes in Inventories of Finished goods                                    | 29       | (27.18)  | 6.35           | (20.83)          |
|        | Employee Benefits Expense   | 30       | 6,711.64   | (8.94)         | 6,702.70         |
|        | Finance Costs   | 31       | 1,326.83   | (0.68)         | 1,326.15         |
|        | Depreciation and Amortization expenses                                      | 31A      | 1,600.60   | 19.30          | 1,619.90         |
|        | Power & Fuel  | 32       | 394.96   | -              | 394.96           |
|        | Repairs & Maintenance   | 33       | 220.58   | (0.51)         | 220.07           |
|        | Contractual Expenses  | 34       | 2,764.15   | 1.55           | 2,765.70         |
|        | Provisions  | 35       | 807.20   | -              | 807.20           |
|        | Write offs  | 36       | 338.57   | -              | 338.57           |
|        | Stripping Activity (OBR) Adjustment   |          | 753.90   | 21.64          | 775.54           |
|        | Other Expenses  | 37       | 674.69   | (2.64)         | 672.05           |
|        | <b>Total Expenses (IV)</b>  |          | <b>20,094.99</b>   | <b>35.29</b>   | <b>20,130.28</b> |
| (V)    | <b>Profit/(Loss)before Exceptional Items and Tax (III-IV)</b>               |          | <b>1,805.75</b>  | <b>(37.16)</b> | <b>1,768.59</b>  |
| (VI)   | Exceptional Items   | 38       | 36.78  | -              | 36.78            |
| (VII)  | <b>Profit / (Loss) Before Tax (V) - (VI)</b>                                |          | <b>1,768.97</b>  | <b>(37.16)</b> | <b>1,731.81</b>  |
| (VIII) | <b>Tax Expense:</b>   |          |  |                |                  |
|        | (1) Current Tax   |          | 304.72   | -              | 304.72           |
|        | (2) Tax relating to Earlier periods   |          | -  | -              | -                |
|        | (3) Deferred Tax  |          | 201.66   | (3.32)         | 198.34           |
|        | <b>Total Tax Expense</b>  |          | <b>506.38</b>  | <b>(3.32)</b>  | <b>503.06</b>    |
| (IX)   | <b>Profit (Loss) for the period from Continuing Operations (VII - VIII)</b> |          | <b>1,262.59</b>  | <b>(33.84)</b> | <b>1,228.75</b>  |
| (X)    | Profit/(Loss) from discontinued operations                                  |          | -  | -              | -                |
| (XI)   | Tax expenses of discontinued operations                                     |          | -  | -              | -                |
| (XII)  | Profit/ (loss) from discontinued operations (After Tax) (X- XI)             |          | -  | -              | -                |
| (XIII) | <b>Profit/(loss) for the Period (IX+XII)</b>                                |          | <b>1,262.59</b>  | <b>(33.84)</b> | <b>1,228.75</b>  |
|        | <b>Attributable to:</b>   |          |  |                |                  |
|        | Equity Shareholders of Parent   |          | 1,262.75   | -              | 1,228.91         |
|        | Non-Controlling Interest  |          | (0.16)   | -              | (0.16)           |



## Statement of Profit & Loss (Consolidated) (Contd...)

For the year ended 31<sup>st</sup> March, 2022

(Rs. in Crore)

| S. No. | Particulars  | Note No. | Impact of correction of error and changes in Accounting Policies |                |                 |
|--------|--|----------|--|----------------|-----------------|
|        |  |          | For the year ended   |                |                 |
|        |  |          | 31.03.2022   | Adjustments    | 31.03.2022      |
| (XIV)  | <b>Other Comprehensive Income (OCI):</b>   |          |  |                |                 |
|        | <b>A. Items that will not be reclassified to profit or loss</b>                                    | 38A      |  |                |                 |
|        | Remeasurement of Employee Benefit Obligations  |          | (48.66)  | -              | (48.66)         |
|        | <b>Less:</b> Income tax relating to items that will not be reclassified to Profit or Loss on above |          | 12.25  | -              | 12.25           |
|        | <b>B. Items that will be reclassified to profit or loss</b>  |          | -  | -              | -               |
|        | <b>Less:</b> Income tax relating to items that will not be reclassified to Profit or Loss on above |          | -  | -              | -               |
|        | <b>Total Other Comprehensive Income (XIV)</b>  |          | <b>(36.41)</b>   | <b>-</b>       | <b>(36.41)</b>  |
| (XV)   | <b>Total Comprehensive Income for the Year (XIII+XIV)</b>  |          | <b>1,226.18</b>  | <b>(33.84)</b> | <b>1,192.34</b> |
|        | <b>Attributable to:</b>  |          |  |                |                 |
|        | Equity Shareholders of Parent  |          | 1,226.34   | -              | 1,192.50        |
|        | Non-Conrolling Interest  |          | (0.16)   | -              | (0.16)          |
| (XVI)  | <b>Earnings per Equity Share (Face value of Rs.10/- each): @</b>                                   |          |  |                |                 |
|        | (1) Basic (in Rs.)   |          | 7.28   |                | 7.09            |
|        | (2) Diluted (in Rs.)   |          | 7.28   |                | 7.09            |

@ There is no material impact on the Group's basic and diluted earnings per share.

14.3 (i) Note-1 gives Corporate information;

(ii) Note-2 represents Significant Accounting Policies

(iii) Note-3 to Note-25 form part of the Balance Sheet as at 31<sup>st</sup> March, 2023

(iv) Note-26 to Note-38A form part of Statement of Profit & Loss for the year ended on that date; and

(v) Note-39 represents Additional Notes to the Financial Statements for FY 2022-23.

(vi) The Consolidated Financial Statements for the year ended 31.03.2023 have been approved by the Board and authorized for issue on 14.07.2023.

**The accompanying Notes form an integral part of Financial Statements:**

**For and on behalf of the Board**

Sd/-  
**(K. Sunitha Devi)**  
Company Secretary  
ACS No. 51468

Sd/-  
**(Mullapudi Subba Rao)**  
General Manager (F&A)

Sd/-  
**(N. Balram)**  
Director (Finance) & CFO  
DIN: 08319629

Sd/-  
**(N. Sridhar)**  
Chairman & Managing Director  
DIN: 02510496

**As per our Report of even date**

For **Brahmayya & CO**  
Chartered Accountants,  
Firm Regn No.000513S

Sd/-  
**(CA.T.V. Ramana)**

Partner  
Membership No. 200523

For **M. ANANDAM & CO**  
Chartered Accountants,  
Firm Regn No.000125S

Sd/-  
**(CA M.R. Vikram)**

Partner  
Membership No.021012

Date : 14.07.2023

Place : Hyderabad



**Innovative Eco initiative : Green captains selected from Each Class of Singareni High Schools and Colleges are presented badges by Sri N.Balram IRS, Director (Finance) & (PA&W) at Women's College Kothagudem**



**Yoga Training classes conducted for 100 days as part of International Yoga Day and Azadi Ka Amrut Mahotsav**



**Self employment training programs for women**



**Plantation Programme at GKOC, KGM area**



**Plantation Programme at SRP area**



**Sri N. Balram, IRS, Director (Finance) and (PA&W) planting a sapling in connection with Telangana Dasabdi Utsav at Singareni Bhavan, Hyderabad**



**Foundation Stone Laid for Construction of Building for MRI-CT Scan at Main Hospital by Sri N. Balram, IRS, Director (Finance) & (P,A&W)**



**Swimming Pools in Residential Colonies**



**Trained Rescue teams with Modern Rescue Equipment (MRS, Ramagundem 2)**



**Company level Volleyball Tournament is organised by WPS&GA at Bellampally Area**



**Inauguration of LOCHANA-Auditors Room at Corporate F&A Department by Director (Finance)**





**Sri N. Balram, IRS, Director (Finance) & (P, A&W) exchanging MOU Documents with Union Bank Officials on Super Salary Account Scheme covering accident insurance to employees**



**JVR OC Over Burden dump with plantation**



**Eco park at GK OC premises Kothagudem**



***Sri N. Sridhar, IAS, C&MD presenting the growth of SCCL  
in 1<sup>st</sup> National Coal Conclave & Exhibition held at New Delhi***



***Sri N. Sridhar, IAS, C&MD, SCCL addressing employees on the occasion  
of Telangana Dasabdi Utsav***



**THE SINGARENI COLLIERIES COMPANY LIMITED**  
**(A GOVERNMENT COMPANY)**

Registered Office: Kothagudem Collieries (P.O) - 507 101  
Bhadradri Kothagudem District, Telangana, India.  
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