



TELANGANA STATE ELECTRICITY REGULATORY COMMISSION
5th Floor, Singareni Bhavan, Red Hills, Lakdi-ka-pul, Hyderabad 500004

NOTICE

**In the matter of Telangana State Electricity Regulatory Commission (Smart
Grid) Regulation, 2020**

1. The Electricity Sector comprising of generation, transmission and distribution has to keep pace with other technologies arising out of scientific development, information technology (IT) and engineered services. A smart grid is an electrical grid with automation, communication and IT systems that can monitor power flows from points of generation to points of consumption (even down to the appliances level) and control the power flow or curtail the load to match generation in real time or near real time. The increased visibility, predictability, and even control of generation and demand bring flexibility to both generation and consumption and enable the utility to better integrate intermittent renewable generation and also reduce costs of peak power. A smart grid is cost-effective, nimble, responsive, and better engineered for reliability and self-healing operations.
2. The Government of India (GoI) has notified a Smart Grid Vision and Roadmap that clearly articulates the goals and timelines for deployment with respect to the Smart Grid objectives. Further, the National Smart Grid Mission has been established by Ministry of Power (MoP), GoI to accelerate Smart Grid deployment in the country.
3. The Commission to endeavour to bring the new technologies in the operation of the grid had earlier issued the Draft Telangana State Electricity Regulatory Commission (Smart Grid) Regulations, 2016 on 15.11.2016 and invited the suggestions/ comments from interested persons/stakeholders. In response to the same, the Commission had received suggestions/comments from two (2) stakeholders.
4. In consonance to the roadmap and aiming to propagate the expansion of Smart Grid and allied technologies the Commission before finalising the Regulation intends to issue again the Draft Regulations for stakeholder consultation.
5. In exercise of powers conferred by clause (zp) of sub-section (2) of Section 181 of the Electricity Act, 2003 and all other powers enabling it in that behalf, the Commission hereby makes the draft Telangana State Electricity Regulatory Commission (Smart Grid) Regulation, 2020.

6. In this regard, draft Regulation is hosted on the website of the Commission (www.tserc.gov.in). The Commission invites suggestions/ comments from all the interested persons/stakeholders. Comments and suggestions may be submitted before 5.00 P.M. on or before 16.12.2020 either in writing addressed to the Secretary, TSERC at the above address or by email to secy@tserc.gov.in.

Hyderabad

24.11.2020


COMMISSION SECRETARY_[FAC]