

Smart Grid

For reliable power supply to the consumers, being the priority of the Govt. there is a need for adoption of new technology in transmission and distribution sector. In order to achieve the objective, adoption of Smart Grid concept in India has got its mandate. The Smart Grid is a progress, from the present state of grid, towards adding a set of smarter system or applications in phased manner according to the priorities of each constituent utility. The Smart Metering initiative in transmission network, is a part of the Smart Grid Project. Indian Smart Grid Task Force (ISGTF), in close association with Indian Smart Grid Forum (ISGF) develop the norms from Smart Grid adaption which has been approved by Ministry Of Power as the Smart Grid vision and road map for India. The main objectives of the Scheme are :

- i. To establish energy dash board for Power Transmission Utility.
- ii. To time-synchronize the energy meters.
- iii. To enable energy audit in Power Transmission Utility.
- iv. To help in handling detailed energy data repository for conducting analytics.
- v. To support MOBILITY options in future on energy dash boards.

The Govt. of Odisha has taken initiatives for adoption of Smart Grid Technology in power sector (Transmission and Distribution Sector) with the budgetary support of ₹.15.00 cr. for the F.Y 2014-15, having the component namely viz. GIS, SCADA, OPGW and AMI