

## India electric grid

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POWERGRID, a transmission licensee, takes continuous action for operation and maintenance of its transmission assets to ensure compliance with prescribed standards as well as to achieve high availability

POWERGRID, one among the largest power transmission utilities in the world, has developed expertise in its core areas such as power transmission, sub-transmission system, distribution management, load dispatch & communications, in India and abroad. Leveraging its capacity and experience, consulting services have been provided to several customers globally.

POWERGRID is in Telecom business through its wholly owned subsidiary -PowerGrid Teleservices Limited with its brand name PowerTel which is the only Telecom Service Provider in the Country having PAN India overhead Optic fiber network using Optical Ground Wire on power transmission lines lines and is offering transmission towers for Mobile Communications.

To command technological leadership in power transmission sector in the Country, POWERGRID is aggressively pursuing R& D initiatives and channelizing efforts and outcome for overall benefit to Indian Power Sector.

Corporate social responsibility (CSR) has become one of the standard business practices of current time. More than a statutory compliance CSR is embedded into the vision and mission of POWERGRID.

POWERGRID was recognized for excellence along many dimensions including infrastructure, sustainability etc and has received number of awards in various categories by Govt. of India and other prestigious organisations & institutes

Protect Critical Information & Critical Information infrastructure from unauthorized access, use, disclosure, modification and disposal, whether intentional or unintentional.

"POWERGRID is committed to the goal of sustainable development and conservation of nature and nature resources. While continually improving its management system, accessing specialist knowledge and introducing state of the art and internationally proven technologies, POWERGRID strictly follows the basic principles of Avoidance, Minimization and Mitigation in dealing with environmental and social issues.

Maintaining an impressive track record, POWERGRID consistently achieves over 99% network availability through the deployment of cutting-edge operation and maintenance techniques aligned with global standards.

POWERGRID isn"t just building the infrastructure for a renewable future, but also taking steps towards making the grid smarter. Our Smart Grid and Smart Metering solutions enhance overall grid efficiency,



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empowering consumers with better tools to manage their energy usage. Furthermore, POWERGRID is exploring Battery Energy Storage Systems (BESS) as another key solution. BESS provides flexibility and stability to the grid by enabling the storage and management of renewable energy, a crucial aspect when dealing with the inherent variability of these sources.

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