

**Subject: Development of transmission system for solar energy zones by POWERGRID**

Powergrid Khetri Transmission System Ltd (100% subsidiary of Powergrid Corporation of India Ltd) is dedicated to nation on 02.11.2021.



Transmission system for 8.9 GW of solar RE projects from Bhadla (3.55 GW), Fatehgarh (3.5 GW), Bikaner (1.85 GW) complexes in Rajasthan was technically agreed in the 2nd meeting of NRSCT held on 13.11.2018. The scheme is required for evacuation of power from balance 6050 MW of RE potential out of total quantum of 8.9 GW (2.850 GW LTA already granted).

POWERGRID presently has 264 Sub-stations and 172,104 Ckm and 464,292 MVA of transformation capacity. With the adoption of latest technological tools and techniques, enhanced use of automation and digital solutions, POWERGRID has



been able to maintain average transmission system availability >99%.