

KHURJA SUPER THERMAL POWER PLANT (1320 MW) (UNDER OPERATION)

BACKGROUND

2x660 MW Khurja Super Thermal Power Project (KSTPP) in District Bulandshahar (U.P) has been implemented by THDCIL. The project, based on supercritical technology, will improve the deficit power scenario of northern region, particularly of Uttar Pradesh. 9264 MU of energy at 85% PLF will be available for export to the grid from the project.

- CCEA had approved the Investment Approval for Khurja KSTPP in District Bulandshahar of Uttar Pradesh at an estimated cost of ₹11,089.42 crores on 07.03.19. Revised cost of Khurja STPP for ₹13,276.16 crores (Jul-24 PL) has been approved by MoP on 04.06.25.
- Hon'ble Prime Minister laid foundation stone of Khurja STPP on 09.03.2019.
- First-year tariff and levelised tariff of the project is ₹5.02 and ₹ 5.08 per unit, respectively.
- As per allocation of power by MoP dtd. 15.11.2022, 64.7% of power from Khurja STPP will be supplied to UP, 21.3% to Rajasthan and 3.9% to Uttarakhand; 10.1% power is unallocated.
- **Unit-1 is operational since COD declared on 26.01.2025. Unit is dedicated to the Nation by Hon'ble Prime Minister on 30.05.25.**
- **Commercial operation (COD) of Unit-2 has also been declared on 26.09.2025.**
- With declaration of commercial operation of both Units, the Project is now in operational stage. Minor balance works are nearing completion.

1. Generation details:

Details of generation from Khurja Super Thermal Power Project are as under:

S.No.	Years	Generation	
		Target (MU)	Achievement (MU)
1	2024-25	2220.86	1091.78
Total Generation		2220.86	1091.78

The details of generation from Khurja Super Thermal Power Project for the current F.Y. 2025-26 are as under:

S.No.	Quarter/ Month	Generation	
		Target (MU)	Achievement (MU)
1	Apr'25 to Jun'25	1252.83	1238.62
2	Jul'25 to Sep'25	1266.60	1307.43
3	Oct'25 to Dec'25	2533.21	1728.47
4	Jan'26	647.07	708.12
5	Feb'26	770.98	660.83
6	Mar'26	853.61	852.54
Total (up to Mar'26)		7324.30	6496.01

Cumulative generation during F.Y.2025-26 till Mar'26 is 6496.01 MU (excluding infirm power of 151.88 MU) against the target of 7324.30 MU and cumulative PLF achieved is 74.29%.