

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

2x660 MW Khurja Super Thermal Power Project (KSTPP) in District Bulandshahar (U.P) has been implemented by THDCIL. The project is based on ultra-supercritical technology and is designed to generate 9,264 MU annually at 85% PLF for export to the grid.

- 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.
- 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.
- Project stans fully commisioned on 26.09.2025 with declaration of COD of Unit-2.
- The plant is equipped with a closed water recirculation system to achieve the zero liquid discharge concept, Flue Gas Desulphurization (FGD) and an upgraded electrostatic precipitator (ESP), capable of controlling SOx and particulate matter by over 99%. It is designed to comply with and exceed the latest emission norms of the MoEF&CC.

Date of Commercial Operation:

- Unit-1: 26.01.2025
- Unit-2: 26.09.2025

Beneficiary State: Uttar Pradesh, Rajasthan and Uttarakhand

Status of Generation during FY 2026-27:

S.No.	Description	Generation (MU)
1	Generation in the month of July 2026	895.01
2	Total Generation till July 2026	2977.47

Cumulative PLF achieved during FY 2026-27 up to July 2026 is 77.04%.

Tariff:

THDCIL had filed the petition no. 475/GT/2025 before Hon'ble CERC for determination of tariff of Khurja STPP (1320 MW) for the period from 26.01.2025 (COD of Unit-I) to 31.03.2029. Hon'ble CERC approved an interim tariff order for the first unit of Khurja STPP on 31.08.2025. Further, the tariff of 2nd unit of Khurja STPP (1320 MW) for the period from 26.09.2025 (COD of Unit-II) to 31.03.2029 for Khurja STPP filed on 22.12.2025 is yet to be approved by Hon'ble CERC.