



Ghatampur Thermal Power Project

Why in News?

The [Prime Minister](#), on 30th May 2025, dedicated Unit-1 of the **Ghatampur Thermal Power Project in Kanpur (U.P.)** to the nation, marking a significant milestone in India's energy sector.

Key Points

▪ About the Project:

- The Ghatampur Thermal Power Project has a total installed capacity of **1,980 MW**, comprising **three supercritical units** of **660 MW** each.
 - The remaining two units are scheduled to be commissioned by the **financial year 2025-26**.
- It is being implemented by [Neyveli Uttar Pradesh Power Limited \(NUPPL\)](#), a joint venture between [NLC India Limited](#) and [Uttar Pradesh Rajya Vidyut Utpadan Nigam Limited \(UPRVUNL\)](#).
- The total project cost is estimated at **₹21,780.94 crore**.

▪ Power Allocation:

- A **Power Purchase Agreement (PPA)** has been signed to allocate **1,487.28 MW (75.12%)** of the generated power to **Uttar Pradesh** and the remaining **492.72 MW (24.88%)** is earmarked for **Assam**.

▪ Environmental Safeguards:

- The plant is equipped with **Selective Catalytic Reduction (SCR)** technology to reduce [nitrogen oxide \(NOx\)](#) emissions.
- [Flue Gas Desulphurization \(FGD\)](#) systems have been installed to control [sulphur dioxide \(SOx\)](#) emissions.
- The project will have a **Zero Liquid Discharge (ZLD)** system to ensure no water is discharged from the plant.

