



Adani Godda Power Plant to Start Supplying 800 MW Electricity to Bangladesh

Why In News?

On December 16, 2022 the Adani Power Plant, one of the country's best thermal power plants ever built at Godda in Jharkhand, started generating 800 MW of power in the first phase. In the first phase, 800 MW of electricity was generated and electricity was supplied to Bangladesh. Jharkhand government will get 25 percent electricity from this power plant.

Key Points

- The power was transmitted to Bangladesh on the scheduled date of December 16, after the trial of 800 MW power generation in the first phase of the two-unit Adani power plant was done in December. The second unit is said to be commissioned by April. At that time, a total production of 1600 MW will start from the company's side.
- 105 km from Godda to Murshidabad to provide electricity to Bangladesh. Adani has also got the transmission line constructed. Apart from this, water pipeline has been laid from Sahibganj to Godda to meet the requirement of water.
- Significantly, this power plant has been built under the agreement between the Government of India and Bangladesh. It is an ultra-super thermal power plant. The total cost of construction of this power plant is Rs 15000 crore.
- The work of Adani Power Plant started in the year 2016 with the acquisition of land. About 650 acres of land of Motia and many surrounding villages and Mauza were acquired. After this, in 2018, the company started construction work.
- New technology has been used in this plant. The latest chimney across the country, which has a height of 275 meters, has been built here. At the same time, a device has been installed to use eco-friendly FDG and SCR chemical reaction to protect the environment along with power generation.
- The work of preventing gaseous pollution has been done through a technique called SCR. Also, ESP i.e. Electro Static Precipitator System has been used. This reduces the pollution potential by scavenging the emissions of micro-to-micro carbon. The company has to spend an additional amount of about Rs 2200 crores in the installation of this equipment and machine.
- High thermal and quality bituminous coal is being used in the Adani plant. This coal is said to be of high quality.