

BHEL successfully synchronises 660 MW unit of Maitree Super Thermal Power Project in Bangladesh

New Delhi, July 26: Bharat Heavy Electricals Limited (BHEL) has achieved a major milestone with the successful synchronisation of the 660 MW Unit-2 of the 1,320 MW Maitree Super Thermal Power Project (STPP) in Bangladesh. The synchronisation of the unit has been done ahead of the commitment given at a high level G2G meeting, which was a very tough target even at the time it was given.

The 2x660 Maitree STPP is located at Rampal, Mongla, Bagerhat, Bangladesh, and is being set up by BHEL for the Bangladesh-India Friendship Power Company (BIFPCL), a 50:50 joint venture between the Bangladesh Power Development Board (BPDB) and NTPC Limited.

The project is a symbol of successful cooperation between India and Bangladesh and is a priority infrastructure development project for Bangladesh aimed at establishing reliable, cost-effective, base-load power production in the country.

The project uses state-of-the-art ultra supercritical technology for lower emissions and a number of further steps have been taken to mitigate environmental impacts including installation and compulsory usage of flue gas desulphurisation system to control SO_x emission, installation of the tallest chimney in Bangladesh (275 mtr) for wider dispersion of emissions; electrostatic precipitator of efficiency above 99% to control ash particulate matter; covered coal shed and pipe conveyors to avoid coal particle pollution; closed cycle cooling water system and zero liquid discharge to minimise water consumption, among others.

BHEL's team of dedicated professionals has worked relentlessly to ensure smooth execution of Maitree Super Thermal Power Project. The company's stringent quality control measures and adherence to international standards have been instrumental in delivering a power plant that not only meets the energy requirements of Bangladesh but also sets new benchmarks for operational efficiency and environmental responsibility. This project is a testament to BHEL's expertise and technological prowess in the power sector. This accomplishment further strengthens BHEL's position as a leading global player in providing reliable and sustainable energy solutions.
