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## **BHEL commissions 250 MW Unit-5 at Parichha Thermal Power Project**

Bharat Heavy Electricals Limited (**BHEL**) has successfully commissioned a 250 MW unit at Parichha Thermal Power Station (TPS), in Uttar Pradesh. With this, 6 million units of electricity will be added to the grid of the power deficit state, every day. The project had suffered a setback due to an unfortunate incident of the chimney collapsing, which was not in the scope of **BHEL**, exactly two years ago. However, to save time, the balance commissioning activities were completed by **BHEL** with a temporary chimney and the unit was synchronized to grid in February, 2012 itself. Coal firing could be done only after the availability of the permanent chimney in the first week of May, 2012. Finally, full load has been achieved despite constraints of Ash Handling System which was not fully operational. Reposing confidence in **BHEL**'s capability and technological excellence, Uttar Pradesh Rajya Vidyut Utpadan Nigam Limited (UPRVUNL) had placed orders for setting up 2 units of 250 MW each (Units 5&6) at Parichha TPS Extn. **BHEL**'s scope of work in the contract envisaged manufacture, supply, erection, testing and commissioning of the main plant package along with associated auxiliaries and civil works for the main plant package for this power project. The equipment for the project has been supplied by **BHEL**'s Haridwar, Trichy, Ranipet, Hyderabad, Bangalore, Bhopal and Jhansi plants, while **BHEL**'s Power Sector - Northern Region is undertaking erection and commissioning of the equipment. **BHEL** has fully established state-of-the-art technology for manufacture of thermal sets up to 600 MW rating in the sub-critical range and has the capability to manufacture sets up to 1,000 MW rating. The company has also equipped itself to produce 660 MW / 700 MW / 800 MW thermal sets with supercritical parameters, and is shoring up its capability for higher rating Hydro sets and advanced class Gas Turbines to cater to upcoming market requirements. **BHEL** has been committed to the nation's power development programme and has reaffirmed its commitment to the Indian Power Sector by equipping itself by way of contemporary technology, state-of-the-art manufacturing facilities and skilled technical manpower. Significantly, the company has established the capability to deliver power plant equipment of 20,000 MW per annum.

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