

09-Nov-2012

BHEL commissions 500 MW Unit at Indira Gandhi Super Thermal Power Project, Jhajjar; Takes tally of thermal sets commissioned in current fiscal to 3,000 MW

New Delhi, November 9: Bharat Heavy Electricals Limited (**BHEL**) has achieved a major milestone in the execution of mega power projects with the successful commissioning of the third 500 MW unit at Indira Gandhi Super Thermal Power Project (IGSTPP), Jhajjar - Stage-I of Aravali Power Company Private Limited (APCPL), joint venture of NTPC, IPGCL & HPGCL. With this, 12 million units of electricity will be added every day to the grid, which will be shared by the power deficit states of Haryana and Delhi. **BHEL** has earlier commissioned two 500 MW units at the power project. With the commissioning of the third unit, project has now been completed and the cumulative generating capacity of IGSTPP, Jhajjar has gone up to 1,500 MW (3x500 MW). Significantly the full load operation of the unit has been achieved within a record time of 02:10 hrs of unit getting synchronized with the grid. This is the fourth unit of 500 MW which **BHEL** has commissioned for NTPC during the current financial year 2012-13. With the commissioning, **BHEL** has added a total of 3000 MW to the grid during the financial year 2012-13. The Main Plant Package contract for the 3x500 MW IGSTPP, Jhajjar was placed on **BHEL** by APCPL under International Competitive Bidding (ICB) and is a testimony to the customer's confidence in **BHEL's** capabilities and proven technological excellence. **BHEL's** scope of work in the contract envisaged design, engineering, manufacture, supply, erection, testing and commissioning of three Boiler, Turbine, Generator sets of 500 MW each, with associated auxiliaries and state-of-the-art Controls & Instrumentation (C&I), while the balance of plant is being executed by APCPL. The Boiler and Turbine Generators were manufactured at the company's Trichy and Haridwar plants respectively, while the C&I system was supplied by **BHEL's** Electronics Division, Bangalore. The company's Hyderabad plant manufactured the Boiler Feed Pumps & Heat Exchangers and the Electricals were supplied by **BHEL's** Bhopal and Jhansi plants. For NTPC, **BHEL** is presently executing contracts at Barh (2X660MW) and Mauda (2X660MW) supercritical sets, Vallur (2X500MW), Rihand (1X500MW), Mauda (1X500MW), Vindhyanchal (2x500MW), Bongaigaon (3X250MW), Muzaffarpur (2X195MW) and Nabinagar (4X250MW). **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.