भारत हेवी इलेक्ट्रिकल्स लिमिटेड
Bharat Heavy Electricals Limited

कॉर्पोरेट संचार
Corporate Communication

PRESS RELEASE

BHEL commissions 600 MW Thermal Unit in Telangana

New Delhi, January 5: Bharat Heavy Electricals Limited (BHEL) has achieved another milestone by successfully commissioning the first 600 MW coal-based thermal power plant in the state of Telangana.

Significantly, the unit, commissioned at Kakatiya Thermal Power Project (TPP) at Chelpur in Warangal District of Telangana, is the highest rating unit in the state. One coal-based unit of 500 MW rating, commissioned by BHEL in 2010, is already operational at Kakatiya TPP.

BHEL-built 600 MW rating sets comprise a 4 cylinder turbine, which is designed in-house, amply demonstrating the engineering prowess of BHEL. So far, the company has contracted 21 sets of 600 MW each, out of which 14 have already been commissioned. A large number of similar sets ensure easy availability of spares and operator's familiarity.

BHEL has a major contribution in Telangana's Power Sector, with 84% of the coal-based power stations, amounting to 4,580 MW, having been commissioned by BHEL. BHEL executed 500 MW unit at Kakatiya TPP of TSGENCO ranked first with a Plant Load Factor (PLF) of 93.75% among all state sector power stations in 2014-15. Projects equipped with BHEL-supplied sets such as Kothagudem and NTPC's Ramagundam in Telangana have continuously been winning meritorious awards from the Ministry of Power for outstanding performance.

Reposing confidence in BHEL's capability of setting up power plants, proven technological excellence and superior performance of its equipment, TSGENCO recently placed orders on BHEL for executing around 6,000 MW of thermal power projects in the state, on Engineering Procurement Construction (EPC) basis.

These orders include four units of 270 MW at Bhadradri, one unit of 800 MW at Kothagudem and five units of 800 MW rating each at Yadadri. In addition to this, two units of 600 MW each at Singareni thermal power project at Pegadapally, being set up by Singareni Collieries Company Limited (SCCL) are also being executed by BHEL in Telangana. All these power plants are expected to commence generation on fast track basis to meet the demand for power aimed at providing an impetus to the development of the state.

BHEL has established its engineering prowess by successfully delivering higher-rated units such as 600 MW, 660 MW and 800 MW thermal sets, having a high degree of indigenization. As per a recent Central Electricity Authority (CEA) study on the performance of sub-critical sets in the country, BHEL supplied sets have demonstrated a better operating Heat rate resulting in less coal consumption per unit of power produced.

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