

**BHEL sets new benchmark;**  
**Commissions 800 MW supercritical thermal plant in record time**

Enhanced focus on expeditious project execution has resulted in BHEL creating a new benchmark of successfully commissioning a 800 MW thermal unit within a record time of 46 months. This is a marked improvement over the time taken in commissioning of 800 MW sets till date in the country by various developers. Following the successful commissioning in record time by BHEL, the power plant has attained commercial operation.

The 800 MW set has been commissioned at Kothagudem Thermal Power Station (KTSP) of Telangana State Power Generation Corporation (TSGENCO). BHEL has executed this project on Engineering, Procurement and Construction (EPC) basis, which includes design, engineering, manufacture, supply, civil works and erection & commissioning of Steam Turbines, Generators, Boiler and associated Auxiliaries and electricals, besides state-of-the-art controls & instrumentation (C&I), Electrostatic precipitators (ESPs) and Balance of Plant (BoP) packages.

While the construction of the plant was undertaken by the company's Power Sector - Southern Region, the key equipment for the contract has been manufactured at BHEL's Trichy, Haridwar, Bhopal, Ranipet, Hyderabad, Jhansi, Thirumayam and Bengaluru plants.

Besides the 1x800 MW Kothagudem project, TSGENCO had awarded the 5x800 MW Yadadri project and the 4x270 MW Bhadradari project to BHEL, which are presently under execution. In addition, in the state of Telangana, BHEL is also executing the Steam Generator package at the 2x800 MW Telangana STPP for NTPC.

BHEL has been a committed partner in the development of Telangana, with BHEL-supplied sets contributing to 88% of the coal-based power stations installed in the state. Projects equipped with BHEL supplied sets such as Ramagundam and Kothagudem have been consistently winning meritorious awards from the Ministry of Power for their outstanding performance.

BHEL is India's largest manufacturer of power generating equipment with an installed base of over 1,83,000 MW of power plant equipment globally. BHEL has so far contracted 57 sets of supercritical boilers and 50 sets of supercritical turbine generators from various customers, in domestic as well as overseas markets.