भारत हेवी इलेक्ट्रिकल्स लिमिटेड
Bharat Heavy Electricals Limited

बीएचईएल
BHEL
Maharatna Company

कॉर्पोरेट संचार
Corporate Communication

PRESS RELEASE

BHEL's second 800 MW Supercritical unit starts Commercial Operation

New Delhi, April 12: Bharat Heavy Electricals Limited (BHEL) has commenced the commercial operation of its second 800 MW supercritical unit at 2x800 MW Yeramarus Thermal Power Station (TPS) of Raichur Power Corporation Limited (RPCL) in Raichur district of Karnataka.

Notably, the milestone for the second unit was achieved within a month of commencement of commercial operation of the first unit. BHEL and Karnataka Power Corporation Ltd. (KPCL) are the main equity partners of RPCL, the owner and operator of this power plant.

Significantly, the commercial operation of these units marks BHEL's foray as a co-developer in the field of power generation. This move is in line with the company's key strategy to fuel growth. It will gradually add to the existing revenue streams.

BHEL has supplied and executed 4,810 MW of coal based sets for KPCL and its joint ventures, which accounts for 96% of the utility's coal-based installed capacity. BHEL is also presently executing KPCL's first gas-based combined cycle power project of 370 MW capacity involving a fuel-efficient advanced-class gas turbine at Yelahanka, Bengaluru.

BHEL undertook complete design, engineering, manufacture, supply, erection and commissioning of the state-of-the-art Yeramarus supercritical project on turnkey basis. It has supplied all the critical equipment like boiler, turbine & generators, electricals, key packages of balance of plant and has also carried out the associated civil works. The major equipment for the project has been manufactured by BHEL at its Haridwar, Trichy, Bhopal, Ranipet, Hyderabad, Jhansi, Thirumayam and Bengaluru plants, while the construction of the plant was undertaken by the company's Power Sector- Southern Region.

BHEL is the market leader in both the subcritical as well as the supercritical segments in the country. The company has secured orders for 48 supercritical steam generators (SG) and 41 supercritical steam turbine generators (STG) - the highest in the country by any power equipment manufacturer. Of these, 14 SG and 12 STG have already achieved capacity addition. BHEL's contribution of nearly 60% of the total power generated in the country bears testimony to the superlative performance of BHEL's equipment.

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