भारत हेवी इलेक्ट्रिकल्स लिमिटेड
Bharat Heavy Electricals Limited

कॉर्पोरेट संचार
Corporate Communication

PRESS RELEASE

BHEL successfully commissions 363.3 MW Gas Turbine-based Combined Cycle Power Project in Tripura

New Delhi, November 17: Bharat Heavy Electricals Limited (BHEL) has successfully commissioned the second module of the 2x363.3 MW gas-based Combined Cycle Power Plant (CCPP) of ONGC Thermal Power Corporation (OTPC) in Tripura.

Located at Palatana in Udaipur district of Tripura, around 50 kms from Agartala, the CCPP comprises two modules of 363.3 MW each equipped with fuel efficient advanced class Frame 9FA Gas Turbines. BHEL had won the contract for setting up the CCPP on EPC (Engineering, Procurement & Construction) basis, against International Competitive Bidding (ICB)

Notably, with the commissioning of this module, BHEL has commissioned nine modules of Frame 9FA Gas Turbines in the combined cycle mode, in the country.

BHEL has so far commissioned 911 MW of gas-based and hydro sets in Tripura which accounts for 100% of the state's generating capacity. BHEL had earlier commissioned 14 Gas Turbines of smaller rating upto 21 MW in Tripura as the sizes were limited by logistic constraint. The Palatana project is the first and the largest of its kind in the entire North-Eastern part of India. BHEL is also presently executing another gas-based project of 100 MW of NEEPCO at Monarchak in Tripura.

Setting up the 726 MW power plant at Palatana was a herculean task. The harsh terrain, incessant rains, and inadequate road infrastructure made the conventional mode of transportation from BHEL's works in Hyderabad to the remote site almost impossible. To overcome logistical constraints, the consignments were transported through multi-modal means of transport, including waterways through Bangladesh under a special agreement with the Government of Bangladesh. Significantly, with this, BHEL has once again proved its capabilities to execute projects overcoming severe infrastructural constraints.

BHEL had earlier commissioned the first module of the project in January, 2013 and the same was dedicated to the Nation by the Hon'ble President of India, Shri Pranab Mukherjee in June, 2013.

BHEL's scope of work in the project involved design, engineering, manufacture, supply, erection and commissioning of two Frame 9FA Gas Turbine Generator sets, two Steam Turbine Generator sets and two Heat Recovery Steam Generators with state-of-the-art Controls & Instrumentation, associated auxiliaries and balance of plant, in addition to complete civil works and spares.

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. Responding to the growth in the nation's demand for power equipment, BHEL has enhanced its manufacturing capacity to 20,000 MW per annum. BHEL has commissioned projects with a cumulative capacity of more than 19,000 MW in two and half years of the XIIth plan whereas 25,385 MW was commissioned by the company in the XIth plan.

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DGM (CC)

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