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BHEL commissions 600 MW Thermal Power Plant in Madhya Pradesh

Bharat Heavy Electricals Limited (**BHEL**) has successfully commissioned a 600 MW coal-based thermal power plant in the state of Madhya Pradesh. The unit has been commissioned at the 1x600 MW Jhabua Thermal Power Project (TPP) located in Seoni district in Madhya Pradesh. The project is being developed by Jhabua Power Limited (JPL), a subsidiary of Avantha Power & Infrastructure Limited (APIL). This is the second project of APIL commissioned by **BHEL**, having earlier commissioned the 1x600 MW Avantha Bhandar TPP at Raigarh in Chhattisgarh. **BHEL**'s scope of work in the contract envisaged design, engineering, manufacture, supply, erection and commissioning of Steam Turbine, Generator and Boiler, along with associated Auxiliaries and Electricals, besides state-of-the-art Controls & Instrumentation (C&I) and Electrostatic Precipitators (ESPs). **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, of which 16 have already been commissioned. A large number of similar sets ensure easy availability of spares and operator's familiarity. The equipment for the project was supplied by manufacturing units of **BHEL** located at Trichy, Ranipet, Hyderabad, Bengaluru & Haridwar, while the construction work was carried out by **BHEL**'s Power Sector - Western Region. In Madhya Pradesh, **BHEL** is presently executing two supercritical units of 800 MW for NTPC at Gadarwara. **BHEL**'s contribution of nearly two-thirds of the total power generated in the country bears testimony to the superlative performance of **BHEL**'s equipment. **BHEL** has established its engineering prowess by successfully delivering higher-rated units such as 600 MW, 660 MW, 700 MW and 800 MW thermal sets, having a high degree of indigenization.

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