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BHEL commissions 500 MW Thermal Unit at Vindhyachal STPS

Bharat Heavy Electricals Limited (**BHEL**) has added one more coal-based power plant to the grid by successfully commissioning the 500 MW Unit-13 of Vindhyachal Super Thermal Power Station (STPS), Stage-V of NTPC. The project is located in Vindhyachal in Singrauli district of Madhya Pradesh. Significantly, **BHEL** has earlier commissioned 6 units of 500 MW rating each at Vindhyachal power station. With the commissioning of this unit, **BHEL** has now commissioned 7 sets of 500 MW aggregating to 3,500 MW, the highest by **BHEL** in a power project. **BHEL**'s scope of work in the contract envisaged design, engineering, manufacture, supply and erection & commissioning of Steam Generator and Steam Turbine Generator along with associated Auxiliaries and state-of-the-art Controls & Instrumentation. The equipment for the project was manufactured at **BHEL**'s Trichy, Ranipet, Haridwar, Hyderabad, Bangalore and Bhopal Plants, while the company's Power Sector - Western Region undertook erection and commissioning of the equipment. **BHEL**-make sets of 500 MW rating class today form the backbone of the Indian power sector with 76 sets having already been commissioned by **BHEL** in the country. A large number of similar rating sets ensures better spares inventory management for developers. These sets have been performing much above the national average as well as international benchmarks. **BHEL** supplied thermal sets also meet performance standards notified by CEA. As per a recent CEA study on the performance of sub-critical sets in the country, **BHEL** supplied sets have demonstrated better operating Heat rate resulting in less coal consumption per unit of power produced. **BHEL** has already established its engineering prowess by successfully delivering higher rated units such as 600 MW, 660 MW, 700 MW and 800 MW thermal sets with a high degree of indigenization. Notably, in the current financial year (2015-16), **BHEL** has already commissioned power plants with a cumulative capacity of 2,480 MW.

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