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## **BHEL synchronises second 490 MW Unit at Dadri Thermal Power Plant having higher Steam parameters ensuring Reduced coal consumption and better performance w.r.t. Environment**

Bharat Heavy Electricals Limited (**BHEL**) has successfully synchronized the second 490 MW Unit at the National Capital Thermal Power Project (NCTPP) Stage-II, at Dadri in Uttar Pradesh, today. The first 490 MW Unit at the same power project was commissioned earlier by **BHEL** and has been running satisfactorily, since commercial operation. Significantly, these are the first of their kind indigenous units, which have been designed for operating at a higher reheat steam temperature of 565 degree Celsius. These new state-of-the-art machines have a better Heat Rate leading to a direct reduction of coal consumption to the tune of 12,000 tonnes per annum per unit. The units also comprise advanced control, instrumentation and monitoring system. **BHEL** has fully established state-of-the-art technology for the manufacture of thermal sets up to 1,000 MW rating. To meet customer demand, the company has introduced new rating thermal sets of 270 MW, 525 MW and 600 MW, in addition to 250 MW and 500 MW thermal sets. Notably, **BHEL** has so far secured orders for Ninety Three (93) numbers of 490/500/525/600 MW thermal sets. Further, **BHEL** has also introduced supercritical Thermal sets of 660 MW and above in its manufacturing range. Currently **BHEL** is executing supercritical projects involving 9 Boilers and 7 TG sets for NTPC, APGENCO, JaiPrakash Associates and Raichur Power Corporation Ltd., etc. **BHEL** has been committed to the nation's power development programme and has reaffirmed its commitment to the Indian Power Sector by equipping itself for the future, by way of contemporary technology, state-of-the-art manufacturing facilities and skilled technical manpower to meet the country's power forecast in the future. The company has established the capability to deliver 15,000 MW per annum and further augmentation to 20,000 MW per annum is underway.

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