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## **BHEL achieves another milestone at Bawana Project; Commissions third 250 MW Advanced-class Gas Turbine at Pragati-III Combined Cycle Power Plant in Delhi**

Bharat Heavy Electricals Limited (**BHEL**) has successfully commissioned the third 250 MW Advanced Class Gas Turbine at the 1,500 MW Pragati-III Combined Cycle Power Plant, coming up at Bawana in New Delhi. With this, a total of 1,000 MW is now available for feeding power to the grid from this station. Significantly, the full load operation of the unit has been achieved within a day of unit getting synchronized. With this, **BHEL** has commissioned 2,250 MW in the first quarter of the current fiscal (2012-13). **BHEL** had won the turnkey contract for setting up the Gas Turbine-based CCPP against International Competitive Bidding (ICB) from Pragati Power Corporation Limited (PPCL). **BHEL** has earlier set up on turnkey basis, the 330 MW Pragati CCPP in Delhi, which has been performing exceedingly well since commissioning. Significantly, weighing 280 tonnes, the Gas Turbine is India's highest rating Gas Turbine and a total of four such fuel-efficient Advanced-class Frame 9FA Gas Turbines will be installed at the project. The project comprises two power blocks of 750 MW each using Natural Gas as fuel. Treated water from a nearby sewage treatment plant is being used as the source for raw water for the plant. This power plant is equipped with two Steam Turbines of 250 MW each and can be operated in both Open Cycle as well as Closed Cycle Mode. **BHEL's** scope of work in the present project envisages design, engineering, manufacture, supply, erection and commissioning of four Frame 9FA Gas Turbine Generator sets, two Steam Turbine Generator sets and four Heat Recovery Steam Generators with state-of-the-art Controls and Instrumentation (C&I), 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. Significantly, the company has established the capability to deliver power plant equipment of 20,000 MW per annum.

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