

07-May-2012

BHEL's thermal power generating sets achieve record generation in FY 2011-12; Contribute 75 per cent of the country's total thermal power generation; Power stations equipped with BHEL equipment win Maximum Productivity Awards

Power generation in the country received a boost with **BHEL**-built thermal sets generating 5.5% more power in fiscal 2011-12, compared to the previous fiscal. During the year, these sets registered a record generation of 459 Billion Units of electricity against 435 Billion Units in the year before. Significantly, this constituted 75% of the total power generated in the country from coal-based thermal utility sets. Similarly 42% of country's generation from hydro sets and 66% of country's generation from nuclear sets was contributed by **BHEL** sets. Consistently exceeding the national average efficiency parameters, in 2011-12 also, **BHEL**-manufactured thermal sets achieved an impressive Operating Availability (OA) of 85.9%, while the Plant Load Factor (PLF) at 75.5% was 2.3% higher than the national average. **BHEL**-make 200-500 MW thermal sets, which form the backbone of the country's thermal generating capacity, operated at an OA of 89% and a PLF of 79%. Notably, 14 **BHEL**-make thermal sets of various ratings operated at a PLF of over 90% and 152 sets achieved an OA of more than 90%. **BHEL**-make 500 MW thermal sets also maintained their record of consistent availability of above 90% for last five years. Significantly, 9 Power Stations out of 12 and 10 power stations out of 13 in the country awarded with the Government of India's National Awards for Meritorious Performance for the years 2009-10 & 2010-11 respectively, are equipped with generating equipment manufactured by **BHEL**, reaffirming the reliability and quality of **BHEL** equipment. **BHEL** has fully established state-of-the-art technology for manufacture of thermal sets up to 600 MW rating in the sub-critical range and has the capability to manufacture sets up to 1,000 MW rating. The company has also equipped itself to produce 660 MW / 700 MW / 800 MW thermal sets with supercritical parameters, and is shoring up its capability for higher rating Hydro sets and advanced class Gas Turbines to cater to upcoming market requirements. **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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