

## **BHEL secures order for demonstration of first of its kind Methanol Firing in Gas turbine of Kayamkulam CCPP**

New Delhi, August 2: Bharat Heavy Electricals Limited (BHEL) has received the first ever order for the demonstration of methanol firing in a Gas Turbine at the 350 MW Kayamkulam Combined Cycle Power Plant (CCPP) of NTPC installed at Alappuzha district in Kerala. This will be the first such demonstration project of its kind in India.

Significantly, this demonstration will pave the way for reviving unutilised gas turbine sets in the country which are inoperative due to unavailability of natural gas and naphtha.

Notably, Kayamkulam CCPP comprising two gas turbines of 115 MW each and one steam turbine of 120 MW was set up by BHEL on turnkey basis in 1998-99.

BHEL's scope in the contract includes technology support, supply of equipment and associated auxiliaries along with erection and commissioning. The methanol firing demonstration is planned in two phases. In the first phase of 12 months duration, the methanol firing demonstration is planned at 30-40% load of the machine. After the successful demonstration of the first phase, a demonstration at 100% load is proposed to be carried out in the second phase. BHEL has presently secured the order for the first phase.

Key equipment for the project like Tank, Fire Protection & Detection System, Piping and Erection & Commissioning along with technology support will be provided by BHEL's Hyderabad based units.

BHEL has been a reliable supplier of equipment and services in the gas turbine-based power segment for nearly four decades, with a portfolio of over 7,500 MW of gas turbine-based power plants installed across the country.

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