First unit of Krishnapatnam Supercritical Thermal Power Project in Andhra Pradesh starts commercial operation

The first 800 MW unit of APGENCO’s 2 x 800 MW Sri Damodaram Sanjeevaiah Thermal Power Plant - commonly known as Krishnapatnam supercritical thermal power project, has commenced commercial generation with effect from 4 February 2015, after successfully clocking 72 hours of continuous operation at full load.

Krishnapatnam is the first 800 MW supercritical boiler project jointly executed by BHEL and Alstom under a License and Technical Assistance Agreement (LTAA) signed in 2005. The contract was awarded in 2009 and Alstom and BHEL have cooperated in the design, manufacturing, construction and commissioning of the boilers, as part of a transfer of technology and technical support program aiming at providing BHEL with Alstom’s state of the art once-through supercritical technology.

In addition to the Krishnapatnam project, BHEL and Alstom have been cooperating on 14 other projects – 29 boilers of 500, 660, 700 & 800 MW representing 20 GW of clean coal capacity addition to the Indian power generation infrastructure over the next two years.

The project is situated near Krishnapatnam in Nellore District of Seemandhra. A second unit is at an advanced stage of commissioning. Once completed, the power plant will add 1600 MW to the generation capacity of the state.