



Press Release

Thermax wins major order for a captive Combined Heat and Power plant

Pune: November 2, 2020

Thermax Group has concluded an order to set up a captive Combined Heat and Power (CHP) plant on an EPC basis for Assam Bio Refinery Private Limited (ABRPL), a joint venture of Numaligarh Refinery Limited (NRL), Fortum and Chempolis. ABRPL is developing India's first biorefinery to produce cellulosic ethanol from bamboo biomass.

This cogeneration plant includes two high pressure boilers of 98.5 TPH capacity each, air pollution abatement equipment along with steam turbine generator and other auxiliary systems to generate process steam and power simultaneously.

“ABRPL is targeting a larger production of second generation (2G) ethanol in India and contribute towards Indian Government's target of attaining self sufficiency in energy, reducing fossil fuel footprint and meeting the socio economic needs of the region. We are happy to partner with Thermax in this journey, a pioneer in setting up captive power plants on EPC basis. The CHP will utilise all wastes and byproducts such as biocoal, stillage cake, etc. emanating from the biorefinery during the bio-ethanol production process. It will also help reduce our dependence on grid power,” said Mr. Gunindra Nath Sarma, CEO, ABPRL.

“This proven technology by Thermax leverages our expertise in the combustion of biomass and offering green solutions that align with our vision of providing sustainable solutions. We look forward to our association with ABPRL in this initiative that has a potential to propel India's efforts towards increasing clean energy generation,” said Mr. Ashish Bhandari, MD & CEO, Thermax Limited.

The scope of supply includes design, engineering, manufacturing, construction and commissioning of the CHP plant. The project is to be completed in 20 months.

About Thermax Limited: Thermax Limited, a leading energy and environment solutions provider is one of the few companies in the world that offers integrated innovative solutions in the areas of heating, cooling, power, water and waste management, air pollution control and chemicals. Thermax has manufacturing facilities in India, Europe and South East Asia. The sustainable solutions Thermax develops for client companies are environment-friendly and enable efficient deployment of energy and water resources.

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