

Published on 12/03/2015

Alstom vows to bring state-of-art technology to Krabi power plant bid

ALSTOM (Thailand) is ready to bid on a coal-fired power plant project in Krabi. President Didier Farez said yesterday that the company had its own advanced environmental management technologies.

Many power plants in Europe, especially in Germany, have used Alstom's technologies, he said. The company might partner again with Marubeni Corporation on the bid.

Alstom, in consortium with Marubeni, on Monday signed an agreement with the Electricity Generating Authority of Thailand to supply and build the new unit at Egat's Mae Moh power plant. This new unit will replace existing Units 4-7.

Alstom will supply its state-of-the-art technologies, such as the ultra-supercritical boiler with integrated selective catalytic reduction of NOx (oxides of nitrogen) and its ultra-supercritical steam turbine and generator.

It will also provide the air-quality control systems composed of a wet flue gas desulphurisation system enabling reduction of sulphur oxides by more than 98 per cent, and electrostatic precipitators designed to capture particulate and dust emissions, with an efficiency of more than 99.9 per cent.

Upon its completion in 2018, the unit will produce 600 megawatts with the highest environmental performance and with atmospheric emissions reduced to meet the most stringent regulations, the company says.

Alstom has been present in Thailand for more than 40 years, having supplied more than 7 gigawatts of installed capacity in the country. It is constructing the 850MW North Bangkok combined cycle power plant, Block 2.

Ratanachai Namwong, Egat's deputy governor for power-plant development, said the 800MW Krabi plant was expected to be tendered next month. The terms of reference will require the bidders to have the state-of-the-art technology called an ultra-supercritical pressure steam generator.

The winner could be announced this year.

The state enterprise will soon ask for the Cabinet's consideration of the project's environmental and health impact assessments.

When the plant starts supplying electricity in late 2019, it will be playing a key role in ensuring power security in the South, where demand has continued growing, Ratanachai said.

