

*A project worth approximately €500 million*

## **Alstom wins order to build an 800 MW gas-fired combined cycle cogeneration plant for Sembcorp in Singapore**

Alstom, a global leader in the turnkey supply of power plants, has been selected by Sembcorp to build a new 800 MW gas-fired combined cycle cogeneration plant on Singapore's Jurong Island.

The plant's construction will be carried out in two phases of 400 MW each. The EPC (Engineering, Procurement and Construction) for both phases is worth approximately €500 million and includes for each phase the supply of the entire unit and all associated equipment, including a GT26 gas turbine, steam turbine, turbo generator, heat recovery steam generator and ALSPA Series 6 integrated control system.

The order for phase one (400 MW), signed today and worth approximately €300 million, includes a 18-year maintenance contract.

With this new plant, Sembcorp will roughly double its generation capacity in Singapore over 1,600 MW, strengthening its position in Singapore's power market. As well as providing electricity, the new power plant will supply steam to the petrochemical and chemical manufacturing industries located in the Jurong Island area. Alstom has a strong relationship with Sembcorp and built the company's existing Sembcorp Cogen gas-fired cogeneration plant which was Singapore's first cogeneration plant and began commercial operation in 2001.

*"This new order for Sembcorp is a demonstration of the performance, reliability and availability of our equipment,"* said Philippe Joubert, President of Alstom Power. *"It is a new milestone that underlines Alstom's competitiveness for combined cycle power plants in the region, and our ability to provide and service turnkey power plants".*

Alstom's combined cycle technology, based on its GT26 gas turbine, is among the most efficient and reliable technologies currently available. Due to its high flexibility and efficiency on base load operation and when operating in part load, the GT26 is perfectly adapted to Singapore's competitive electricity market, enabling Alstom's clients to customise their operations according to demand and thus maximise their profits.

Singapore has an installed electricity generation capacity of 11 GW, with demand reaching 6.5 GW during peak periods. The country maintains a healthy reserve capacity to ensure the reliability of its electricity grid. Many of Singapore's power producers are adding new capacity after being incentivized to purchase gas from the new liquid natural gas (LNG) terminal coming onstream in 2013.

## **About Alstom**

Alstom is a global leader in the world of power generation, power transmission and rail infrastructure and sets the benchmark for innovative and environmentally friendly technologies. Alstom builds the fastest train and the highest capacity automated metro in the world, provides turnkey integrated power plant solutions and associated services for a wide variety of energy sources, including hydro, nuclear, gas, coal and wind, and it offers a wide range of solutions for power transmission, with a focus on smart grids. The Group employs 95, 000 people in more than 70 countries, and had sales of over €23 billion\* in 2009/10.

\*Pro forma figures

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