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Alstom consolidates its position as leading supplier to China's nuclear program with new contract

Alstom has won an order worth close to €100 million from Chinese industrial group Dong Fang Electric Limited (DECL) to supply equipment and services for six 1000 MW steam turbine-generator packages for three nuclear power plants in China. The power plants are NingDe Phase II (units 3 and 4), FuQing Phase II (units 3 and 4) and TianWan Phase III (units 5 and 6).

The order comes after Chinese energy utilities China Guangdong Nuclear Power Co (CGNPC) and China National Nuclear Corporation (CNNC) signed an agreement with DECL for the design, manufacture and supply of the steam turbine-generator packages. The Alstom model selected for the three projects is based on the first unit of Ling Ao Phase II (Ling Ao 3), which was delivered by Alstom and went into commercial production on September 20, 2010, after a remarkably short commissioning and start-up time.

The turbine-generator package includes the GIGATOP 4 pole turbogenerator, moisture separator reheater (MSR), the condenser, the low pressure heater and ARABELLE™ half-speed steam turbine, all designed by Alstom and supplied in partnership with DECL. Alstom's ARABELLE™ turbine is suitable for all reactor types and is globally renowned for providing higher efficiency and reduced installation and maintenance costs.

Alstom has already provided its turbine-generator packages to the Chinese power plants Ling Ao Phase II, HongYanHe Phase I and II, Ningde Phase I, FuQing Phase I and Fangjiashan Phase I as well as Taishan, China's first nuclear power plant to use the EPR (Evolutionary Power Reactor).

"With nuclear energy experiencing an invigorating resurgence in both developed and emerging markets, our extensive experience and strong marketplace position put us at the forefront of this exciting trend. Our manufacturing and engineering sites in Beijing and Wuhan, coupled with our cooperation with local business partners in China, allow us to play an active role in shaping how China masters its growing energy needs," said Guy Chardon, Senior Vice President, Alstom Power Thermal Products.

Alstom is the world's leading supplier of conventional islands for nuclear power plants, and has fitted more than 180 units around the globe. More than 30% of the world's nuclear power stations operating today use Alstom-made equipment. In China, Alstom has been Dong Fang's industrial partner, since the construction of Daya Bay, the first large Chinese nuclear power plant, 20 years ago.

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 96,500 people in more than 70 countries, and had sales of over € 23 billion in 2009/10.*

**Pro forma figures*

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