

7<sup>th</sup> September 2009

## Alstom to supply new diesel generators for China's first EPR nuclear power plant

Alstom has won an order to supply eight new emergency diesel generators (EDGs) to the Taishan nuclear power plant in Guangdong, China, the country's first EPR-based plant.

The contract was signed between a consortium regrouping Alstom Power Turbomachines, Alstom Wuhan Engineering & Technology Co. Ltd. and MAN Diesel SAS, and an Areva-led consortium with the China Nuclear Power Engineering Co, Ltd. and the owner TSNPC. With a scope of € 40 million in the contract, Alstom, as the leader of the consortium will supply the design, manufacturing and procurement for 8 x 9.1 MW EDGs, and provide the on-site support service. These EDGs, the highest unit-output models for similar applications in the world, will be due for commissioning in 2013.

The Taishan project is part of China's plan to increase its total installed nuclear power generating capacity from about 1.2% to 5% by 2020. China is planning to dramatically increase its installed nuclear power capacity by 2020, implying the construction of 30 or more new nuclear units, in which the Taishan plant will play a major role.

Alstom's commitment to the project dates back to February 2008, with the supply of two 1,750 MW Arabelle™ turbine-generator packages for the Taishan plant. This was followed in July 2008 by a €200 million contract with CGNPC for the engineering and procurement of the complete turbine island.

*"This contract marks a new step in Alstom's commitment to the Taishan project and the development of China's nuclear power generation" declares Guy Chardon, Senior Vice-President, Alstom Power Thermal Products. "As the leading provider to power generation in China, we intend to devote our full range of technologies and know-how".*

The Alstom / MAN (Pielstick) consortium has been the world's first supplier in integrated EDG packages for nuclear reactors for the last 10 years, and 40 % of nuclear plants worldwide now use their equipment. Analysts have predicted that China's nuclear power equipment market may grow to the scale of RMB 400 billion (€40.7 billion) by 2020. The Taishan EDG contract is the second biggest contract, according to contract value, awarded to Alstom-Man in China after the Hongyanhe project in 2007.

### *About Alstom*

*Alstom is a global leader in the world of power generation 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, and provides turnkey integrated power plant solutions and associated services for a wide variety of energy sources, including hydro, nuclear, gas, coal and wind. The Group employs 81,500 people in 70 countries, and had orders of €24,6 billion in 2008/09.*

### **Press Enquiries:**

Susanne Shields      Tel +33 1 41 49 27 22      [susanne.shields@power.alstom.com](mailto:susanne.shields@power.alstom.com)  
Yvonne Qu              Tel: +86 108 460 9057      [yvonne.qu@crn.alstom.com](mailto:yvonne.qu@crn.alstom.com)