

22 September 2014

Alstom to bolster power transmission reliability for CNPEC

Alstom has successfully won a contract worth approximately €12 million from China Nuclear Power Engineering Co., Ltd. (CNPEC) for a 8.6 km-long gas-insulated line project. Alstom will be responsible for replacing the overhead lines of CNPEC's Yangjiang Nuclear Power Station with gas-insulated lines, a more reliable and environmentally-friendly solution.

The Yangjiang Nuclear Power Station is located in Yangjiang City, in western Guangdong Province. The city is prone to frequent typhoons, making conventional overhead lines insufficient for transmitting the generated power.

Gas-insulated lines (GIL) are a sound alternative to overhead lines because of high reliability and operational safety thanks to robust casting and non-flammability. GIL occupies less space, and brings major environmental benefits. It also reduces electrical resistance and power losses by 70% compared to conventional overhead lines.

"Alstom is honored to be awarded a major contract by CNPEC, a valuable and long-term partner. As a global leader in the GIL sector, we have accumulated rich experiences in GIL design and installation for large power plants that optimize performance and efficiency," said Michel Serra, Alstom Grid Senior Vice President for China and East Asia Pacific Region.

As the subsidiary of China Guangdong Nuclear Power Group, CNPEC is China's first professional nuclear power project management company. CNPEC has deployed many Alstom products and solutions including gas-insulated substations, power transformers and GIL in a number of key projects, such as Daya Bay, Taishan, Ling Ao and Ningde nuclear power plants. This new contract is Alstom's second win this year following a 3.3 km GIL awarded in March 2014.

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 93,000 people in around 100 countries. It had sales of over €20 billion and booked €21.5 billion in orders in 2013/14.

Alstom Grid has one clear vision: to develop innovative solutions for a flexible, reliable, affordable and sustainable electrical grid, everywhere. We design, manufacture, install and service the power transmission and distribution products and systems that empower the planet's low carbon economy... for now and for the future.

Alstom Grid has over 130 years' experience and ranks among the top three in the electrical transmission sector with an annual sales turnover of €3.8 billion. Alstom Grid's 17,000 employees are spread across 87 manufacturing and engineering sites worldwide and have one common mission: be our customers' trusted partner, from the source to the city.

We are energising a smarter world... with Alstom.

Press contacts:

Aline Besselièvre / Elizabeth Wang (Alstom Grid) - Tel: +33 1 49 01 67 60 / 61 23
aline.besselièvre@alstom.com / elizabeth.wang-ext@alstom.com

Phoenix Zhang (China) - Tel: +86 10 8460 9257 zheng-phoenix.zhang@chq.alstom.com

Websites

www.alstom.com

www.alstom.com/grid