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Contracts globally worth over €160 million

Alstom to supply air quality control systems in Taiwan and Romania

Alstom Thermal Power has secured key contracts in Taiwan and Romania for the supply of air quality control systems (AQCS) for a total amount exceeding €160 million.

In Taiwan, Alstom was awarded a contract from CTCI to supply AQCS packages for the Talin power plant renewal project (2 x 800 MW) developed by Taiwan Power Company. Alstom will supply its seawater flue gas desulphurization (SWFGD) system and its particulate removal system with fabric filter solution.

The Taiwan Power Company will build a supercritical power plant with a gross efficiency of over 43% on the existing site. The air quality control equipment will significantly reduce sulphur dioxide (SO₂) and particulate emissions, in compliance with environmental regulations in Taiwan, which are extremely strict. The newly built units 1 and 2 are expected to enter commercial operation in 2016 and 2017.

Alstom's SWFGD system is the most economical desulphurisation technology available and is able to meet the most stringent environmental regulations. It uses seawater for absorption, produces no waste and restores the seawater quality before discharge. This is Alstom's second SWFGD project in Taiwan after the coal-fired Linkou power plant renewal project (3 x 800 MW), also being developed by the Taiwan Power Co.

In Romania, Alstom will install a wet flue gas desulphurisation (Wet FGD) system at the Craiova 2 power plant (2 x 150 MW), owned by the new Romanian public utility SC Complexul Energetic Oltenia SA. This equipment will allow the power plant to comply with the latest European environmental standards by drastically reducing sulphur dioxide emissions.

This contract follows the recent successful commissioning of a similar installation at the Rovinari power plant, which today also belongs to SC Complexul Energetic Oltenia SA. The performance tests carried out at Rovinari showed outstanding results, which allowed the plant to comply not only with the current emissions standards but also with the new European industrial emissions directive with compliance deadline set for 2016. Subsequently, the Rovinari power plant decided to proceed with Alstom for the construction

of another wet FGD system for unit 4, which was an option under the contract for units 3 & 6.

Andreas Lusch, Senior Vice President of Steam business at Alstom Thermal Power said, *"We are seeing sustained growth in the environmental control systems business in Asia and Europe. These latest contracts are further proof that our customers value our world-leading air quality control solutions for all pollutant classes, which offer the highest reduction rates in the industry today."*

Alstom continues to reinforce its global leadership position as the preferred supplier of AQCS equipment to power and industrial customers. To date, Alstom has installed more than 100 SWFGD systems in different parts of the world, corresponding to a total equivalent capacity of about 42 GW. Alstom has also installed more than 360 fabric filter systems, 95 Wet FGD systems, 1100 electrostatic precipitators and 100 NID™ systems worldwide.

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 92,000 people in around 100 countries. It had sales of €20 billion and booked close to €22 billion in orders in 2011/12.

Press Contacts

Alstom

Christine Rahard, Isabelle Tourancheau – Tel +33 1 41 49 32 95 /39 95
christine.rahard@chq.alstom.com, isabelle.tourancheau@chq.alstom.com

Sapna Lalwani (Alstom Thermal Power) – Tel + 4179 486 3798
sapna.lalwani@power.alstom.com

Waldemar Oldenburger (Romania) – Tel +49 17613298006
waldemar.oldenburger@power.alstom.com

Julie Khoo (Taiwan) – Tel +6583189379
julie.khoo@alstom.com

Investor Relations

Emmanuelle Châtelain / Delphine Brault - Tel +33 1 41 49 37 38 /26 42
emmanuelle.chatelain@chq.alstom.com ; delphine.brault@chq.alstom.com

Website www.alstom.com,