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## ***Two contracts worth around €75 million in Jordan***

### **Alstom will supply a GT13E2 gas turbine for a new power plant and increase the capacity of an existing plant**

Alstom has signed two orders worth approximately €75 million with Metka S.A., a leading international contractor for large scale energy projects to deliver power generation equipment for key projects that Metka is executing for the Samra Electric Power Company in the Kingdom of Jordan.

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The first contract involves the delivery of a GT13E2 gas turbine and associated spares for a new fast-track simple cycle power plant, being constructed in the region of Zarqa in the Kingdom of Jordan. Alstom will design, deliver and supervise the installation of one GT13E2 gas turbine, generator and auxiliaries for the new unit.

The supply and installation will take place in a 'fast-track' mode with commercial operation scheduled for June 2013. The power plant will add 146 MW to the Jordanian grid, bringing much needed generation capacity ahead of the peak summer months.

The GT13E2 gas turbine is already in operation in Jordan. In a contract awarded in 2009, Alstom supplied two GT13E2 gas turbines for the 285 MW Samra III simple cycle plant. The plant has been operational since 2011. The GT13E2 turbine is well known in the Middle East and North Africa for its ability to operate in harsh climatic conditions and is widely used in region. This latest contract expands Alstom's fleet of GT13E2 gas turbines in the Middle East and Africa to 60 units.

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The second contract involves the supply of Alstom steam-tail add-on technology to convert the existing 285 MW Samra III simple cycle gas-fired plant to a combined cycle plant. The 'Add-on' of this technology will increase the power generation capacity of the unit by an additional 143 MW. The project will enter commercial operation in 2015.

A steam-tail consists of adding steam power generation equipment to an existing gas power plant to increase its efficiency and cut emissions per MW produced.

Steam-tails are an efficient solution to increase generation capacity in the Middle East region which has plenty of simple cycle gas-fired plants under operation. Alstom has wide experience in adding steam tails to suit any class of gas turbines from any original equipment manufacturer. Across the Middle East, it has helped major energy producers improve plant efficiency with steam tail add-ons. Recent projects in the region include the steam tail contract for the Riyadh PP12 gas-fired power plant being constructed for the Saudi Electric Company (SEC) in Saudi Arabia and the steam tail for the Az-Zour gas-fired project in Kuwait which will add 400 MW to the existing plant capacity.

Commenting on these contracts, Mark Coxon, Senior Vice President of Alstom's Gas business said, "*The Middle East is an important gas-fired power generation market for Alstom and we are happy to be partnering in the effort to expand the Kingdom of Jordan's generation capacity. Our technology is well suited to the needs of the region and will support the Middle East in increasing its generation capacity in the most efficient and cost effective manner.*"

#### **About Alstom**

*Alstom is one of the world's leaders in 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 all thermal (coal, nuclear, gas...) and renewable (hydro, wind, solar...) energy sources. It offers a wide range of solutions for power transmission, with a focus on smart grids. The Group employs over 90,000 people in around 100 countries, and had sales of €21 billion in 2010/11.*

#### **Press Contacts**

Christine Rahard, Isabelle Tourancheau - Tel +33 1 41 49 32 95 /39 95  
[christine.rahard@chq.alstom.com](mailto:christine.rahard@chq.alstom.com), [isabelle.tourancheau@chq.alstom.com](mailto:isabelle.tourancheau@chq.alstom.com)  
Majed Almajed (Alstom Middle East) – Tel +971 56 216 8305  
[majed.almajed@crn.alstom.com](mailto:majed.almajed@crn.alstom.com)  
Sapna Lalwani (Alstom Thermal Power) - +41794863798  
[sapna.lalwani@power.alstom.com](mailto:sapna.lalwani@power.alstom.com)

#### **Investor Relations**

Emmanuelle Châtelain, Juliette Langlais - Tel +33 1 41 49 37 38 / 21 36  
[emmanuelle.chatelain@chq.alstom.com](mailto:emmanuelle.chatelain@chq.alstom.com) , [juliette.langlais@chq.alstom.com](mailto:juliette.langlais@chq.alstom.com)

**Website** [www.alstom.com](http://www.alstom.com)