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A contract worth close to €100 million in India
Alstom to supply 2x800 MW boilers to BHEL for Gadarwara super thermal power plant

Alstom has been awarded a contract by Bharat Heavy Electricals Limited (BHEL)¹, to supply components and services for the 2x800 MW Gadarwara super thermal power plant at Gadarwara, Narsingpur, Madhya Pradesh, India. This contract is worth approximately €100 million.

Under the scope of the contract, Alstom Thermal Power will cooperate with BHEL in designing the boilers and supply pressure parts of the 800 MW supercritical boilers along with pulverisers and airpreheater components. It will also assist BHEL with technical advisors during the erection and commissioning of the two units. Key components will be manufactured from Alstom's state-of-the-art facilities in Wellsville and Concordia in the USA as well as in Durgapur and Shahabad, India. Unit I is expected to be commissioned in 2016, whilst unit II is expected to be commissioned in 2017.

Andreas Lusch, Senior Vice President of Alstom Thermal Power's Steam business, said: *"We are delighted to continue to partner with BHEL on this project. Alstom is committed to further investing and developing in India in power sector".*

The new Gadarwara contract is a confirmation of the strong cooperation established since 2005 with BHEL. It comes in addition to seven contracts signed with BHEL between 2008 and 2012 for supercritical boilers in Barh II, Krishnapatnam, Bara, Yeramarus, Bellary, Mouda and Nabinagar in India.

Alstom's supercritical coal-fired boilers are state-of-the-art technology. They are designed to address the challenges of the power industry in India, i.e. to achieve increased efficiency and reduced emissions. The supercritical boiler technology helps in achieving about 3-4% higher plant efficiency compared to conventional subcritical design.

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

¹ Alstom is the licensor of the supercritical technology of BHEL and is also collaborating with BHEL on execution of the supercritical boiler projects under the Licence Agreement.



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.

About Alstom in India

Alstom is a global leader in power generation, power transmission and rail infrastructure. Present in India since 1911, Alstom has strong capabilities in engineering, manufacturing, project management and supply of products and solutions for infrastructure. Alstom has four R&D centres in India: Transport in Bengaluru, Hydro Global Technology Centre in Vadodara and Grid R&D centre in Hosur & Padappai. It has two engineering centres for Power in Noida and Kolkata and eleven manufacturing units dedicated to: Power - Hydro in Vadodara, Boilers in Durgapur, auxiliary components and air-pre heaters in Shahabad, Steam turbines in Gujarat, Transport at Coimbatore and SriCity and Grid in Padappai, Pallavaram, Hosur, Vadodara and Naini.

Press Contacts:

Emmanuelle Châtelain, Isabelle Tourancheau – Tel +33 141 49 37 38 /39 95
emmanuelle.chatelain@chq.alstom.com, isabelle.tourancheau@chq.alstom.com

Vandana Dhir (Alstom India) - Tel +0120 4731141 – vandana.dhir@alstom.com
Aparna Srivastava (Alstom India) –Tel +01204732535 / 9560646622 –
aparna.srivastava@alstom.com

Sapna Lalwani (Alstom Thermal Power) – Tel +41 794863798
sapna.lalwani@power.alstom.com



Investor Relations:

Delphine Brault - Tel.: +33 (0)1 41 49 26 42, delphine.brault@chq.alstom.com

Website www.alstom.com