# Press Release

25 September 2014

# A contract worth approximately €130 million

# Alstom-Bharat Forge joint venture to supply steam turbine islands for NTPC's Tanda power plant

Alstom Bharat Forge Power Ltd. (ABFPL), the joint venture company between Alstom and Bharat Forge, has signed a contract worth approximately € 130 million (11365 MINR) with NTPC Limited to supply two units of 660 MW supercritical turbine islands for the Tanda coal power plant, located in the state of Uttar Pradesh in India.

ABFPL's scope of work involves engineering, manufacturing, testing, supply, erection and commissioning of the two 660 MW supercritical turbine islands and auxiliaries for the plant. The equipment for the project will be manufactured at ABFPL's new state-of-the-art manufacturing facility at Sanand in Gujarat, which will be commissioned starting October 2014. Set up over 120 acres of land this manufacturing facility will reach an annual capacity of 5000 MW and will be one of the largest integrated facilities for turbines, generators and auxiliaries manufacturing in the country.

Andreas Lusch, Senior Vice President of Alstom's Steam business said: "This is another breakthrough for the joint venture after the two orders of Solapur and Nabinagar. This project reinforces our leading position in the supercritical steam market. We have been able to combine the technology and manufacturing skills of both partners (Alstom and Bharat Forge Ltd) to deliver a world-class product for the Indian market".

Supercritical plants use steam with very high temperatures and pressure, resulting in a much higher efficiency than conventional sub-critical coal fired plants; it burns much less coal and generates less emission for a given power output.

#### **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  $\epsilon$ 20 billion and booked  $\epsilon$ 21.5 billion in orders in 2013/14.



### 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 centres in Hosur & Padappai. It has two engineering centres for Power in Noida and Kolkata and twelve manufacturing units dedicated to: Power - Hydro in Vadodara, Boilers in Durgapur, auxiliary components in Shahabad, Steam turbines in Gujarat, Transport at Coimbatore and SriCity and Grid in Padappai, Pallavaram, Hosur, Vadodara, Naini and Noida.

# About Alstom-Bharat Forge

Alstom Bharat Forge Power Ltd. is a joint venture between Alstom and Bharat Forge Ltd, created to participate in the Indian market of turbines islands (steam turbines and generators, heat exchangers and all associated equipment). Alstom has a majority stake in this joint venture. This JV company has set the cornerstone of its new manufacturing facility in India. The main orders for machine tools for this manufacturing facility have already been placed and the construction is on-going. The JV manufacture 300-800MW subcritical and supercritical equipment with an annual capacity of 5000 MW.

# About Bharat Forge

Bharat Forge Ltd. (BFL) is the flagship company of the USD 2.5 billion Kalyani Group -- a global provider of high performance, innovative, safety critical components and solutions to various industrial sectors including Automotive, Oil and Gas, Aerospace and Rail and Marine. BFL today has the largest repository of metallurgical knowledge in the region and offers complete end-to-end capability from concept to testing and validation to marquee global OEM's. At the cusp of a breakout growth and transformation into an engineering conglomerate through its aggressive foray in capital goods and infrastructure sectors, BFL is committed to proactively expedite India's transformation into a global economic giant.

#### **Press Contacts**

Virginie Hourdin / Claire Biau - Tel. +33 1 41 49 21 36 / 39 95

virginie.hourdin-bremond@chq.alstom.com; claire.biau@alstom.com

Christopher English (Alstom Thermal Power) - Tel +33 1 41 49 26 85

christopher.english@power.alstom.com

Sapna Lalwani (Alstom India) - Tel +91 120 473 1676

sapna.lalwani@alstom.com

# **Investor Relations**

Delphine Brault, Anouch Mkhitarian - Tel. +33 1 41 49 26 42/25 13 delphine.brault@chq.alstom.com, anouch.mkhitarian@chq.alstom.com

## Website

www.alstom.com

