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Toshiba JSW Wins Rs. 2300 Crore Order from NTPC Limited

*-To supply three 800MW Super-critical
Steam Turbines and Generators--*

Chennai, February 20, 2012: Toshiba JSW Turbine & Generator Pvt. Ltd., today announced that a contract has been awarded by NTPC Limited, India's largest state-owned energy service provider, for the supply of three 800MW (3 x 800MW) supercritical steam turbine and generator island packages for the Kudgi Super Thermal Power Project, Stage-I, in Kudgi, Karnataka state. The contract value is around Rs. 2300 Crore.

Toshiba JSW has recently (February 12, 2012) inaugurated its main plant facility to manufacture mid- and large-sized turbines and generators in Manali, Chennai. The Plant was inaugurated by the Hon'ble Chief Minister of Tamil Nadu Selvi J. Jayalalitha. The NTPC contract is the first project for which Toshiba JSW will manufacture the complete steam turbine and generator equipment at the Chennai plant. This will be done with the support of Toshiba Keihin Product Operations in Yokohama, Japan, which will also supply some components of the turbine and generator. Delivery of the equipment is expected to start in 2013.

Supercritical steam turbines and generators achieve more environmental friendly power generation by higher generating efficiency. Toshiba Group's extensive experience in their manufacture and delivery includes delivery of 65 units in Japan and 18 units overseas. In India, in addition to other thermal power plant projects, Toshiba has already supplied five 830MW supercritical steam turbines and generators for the Mundra Ultra Mega Thermal Power Plant owned by Coastal Gujarat Power Limited, a 100% subsidiary of Tata Power Company Ltd., and will supply two 660MW supercritical steam turbines and generators for the Salaya-II Thermal Power Plant operated by Essar Power Gujarat Limited. This track record, plus a high evaluation of Toshiba's advanced technical capabilities, high efficiency and high reliability were factors in the selection of Toshiba JSW by NTPC. [This contract enables Toshiba Group to secure top share in the 800MW class Supercritical Turbine and Generator segment of Indian Market.](#)

Driven by strong economic expansion, the power generation equipment market in India is expected to see demand growth of more than 16,000MW a year in the decade from 2007 to 2017, according to Indian government's Eleventh (2007-2012) and Twelfth (2012-2017) Five-Year Plans. Coal-fired thermal power plants will account for over 60% of capacity growth, far surpassing other energy sources, and supercritical power plants will account for approximately 80% of thermal plants. The Indian government recognizes supercritical technology as a major tool for increasing generation capacity and efficiency while reducing emissions of greenhouse gases, and is strongly promoting adoption of the technology among India's utility companies. Toshiba JSW will seek to support this approach and to win more major contracts in India.

Going forward, Toshiba JSW will mainly manufacture steam turbines and generators from 500MW to 1,000MW in scale, for supplying to the Indian and export markets. In addition to India, Toshiba is promoting efforts to reinforce its presence in markets around the world including South East Asia and the Middle East, where demand for thermal power systems is strong.

Project Outline

1. Plant: Kudgi Super Thermal Power Project, Stage-I, 3 x 800MW
2. Client: NTPC Limited
3. Site: Kudgi, Bijapur district, Karnataka state
4. Scope: Three sets of Steam Turbine and Generator Island Packages