



GE Technology to help India meet its ambitious air quality improvement targets

- *GE will supply ambient Air Quality Control Systems to Jawaharpur and Obra C power plants for controlling particulate matter, enabling the plant operators to reduce air pollutant emission level much lower than the levels defined by Regulations.*
- *GE's technology helps Uttar Pradesh Rajya Vidyut Utpadan Nigam Limited (UPRVUNL) provide cleaner power for about 16 million Indian homes*
- *Strong local supply chain will deliver the majority of the components for these deals*

New Delhi, October 13, 2017: GE Power India Limited announced that it has been awarded two contracts by Doosan Power Systems India Pvt. Ltd (DPSI) to supply ambient air quality control systems for the Jawaharpur and Obra C power plants operated by Jawaharpur Vidyut Utpadan Nigam Limited (JVUNL) and Uttar Pradesh Rajya Vidyut Utpadan Nigam Limited (UPRVUNL) respectively. The deal, worth INR 3275 million or USD 49.2million, includes four Electrostatic Precipitators (ESP) that will remove particulate matter to meet and exceed India's ambient air quality regulation.

Award of ESP further strengthens the long-standing relationship between GE Power and DPSI. GE Power is also supplying Super Critical Steam Turbines for the same projects, which are being executed by DPSI on EPC basis. Once operational, these plants together will produce 2,640 MW, powering ~16 million Indian homes.

The technology would bring down the emission of particulate matters to 18mg/Nm³ in Obra C and to 17mg/Nm³ in Jawaharpur. These levels are ~40% lower than the requirement of 30mg/Nm³ as defined in the new environmental norms released by MoEF in December 2015.

Commenting on the significance of the project, **Jeong Tae Song, Managing Director, Marketing Division from Doosan Power Systems India Pvt. Ltd.** said, "Obra C and Jawaharpur are amongst our most prestigious projects aimed at meeting the power needs of Uttar Pradesh, India's most populous state. The USC technology based turnkey EPC contracts of Obra-2X660 MW and Jawaharpur-2X660 MW awarded to DPSI are aimed at delivering highly efficient power generating equipment along with state of the art emission control equipment. GE has been a trusted technology partner and we hope to set an industry benchmark in emission control of thermal plants."

Andrew DeLeone, Managing Director, GE Power India Limited said, "In India, GE has 60 years of experience in air quality control technology and we're immensely proud to put this experience to work with DPSI for the Jawaharpur and Obra C power plants. This technology will reduce emission levels ~40% lower than the stringent emission norms set in the regulations. These projects and their performance will be a model for other power plants to follow."

GE has strong local team working on its extensive portfolio of air quality control systems. Today, 200 engineers and project management experts work on this technology in India helping customers meet the country's stringent air quality regulations. GE has a strong local supply chain in India and more than 15 local suppliers will deliver materials for these two deals.



Globally, GE Steam Power Systems has the broadest portfolio of air quality control systems and more than 90 years of experience. This proven technology can meet and even exceed the most stringent regulations in the world. Today, GE has 500GW of air quality control systems in operation around the world and its technology can be applied to new power plants or can be retrofitted to existing plants.

About GE Power

GE Power is a world energy leader that provides technology, solutions and services across the entire energy value chain from the point of generation to consumption. We are transforming the electricity industry by uniting all the resources and scale of the world's first Digital Industrial company. Our customers operate in more than 150 countries, and together we power more than a third of the world to illuminate cities, build economies and connect the world.

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