



Press Release

GE Power Launches 1st of its kind Solution to Support Tata Power-DDL's Efforts to Modernize Delhi's Electric Grid

- *Modernization initiative to benefit more than seven million people living in Delhi*
- *GE's Advanced Distribution Management Solution (ADMS) will help in further improving the quality of power and ensure faster restoration during outages*
- *Innovative program fuels grid interoperability, enhances reliability and resiliency*

New Delhi, India; June 12, 2018: GE Power's Grid Solutions business (NYSE: GE) has launched in India a first-of-its-kind Advanced Distribution Management Solution (ADMS) in collaboration with Tata Power Delhi Distribution (Tata Power - DDL), a pioneer in India's power distribution landscape. The project has been executed by GE T&D India Limited – the listed entity of GE Power Grid Solutions in India. The newly launched ADMS will facilitate advanced monitoring, analysis and improve control and planning operations, enabling Tata Power-DDL to enhance the reliability, safety, and efficiency of Delhi's distribution network. The system is set to benefit more than seven million people living in the north and west part of the Indian capital, an area that experiences a peak load of more than 1,850 MW.

Tata Power-DDL had multiple independent and inter connected systems that required complex data management. This layer of complexity impacts the operator's effectiveness to execute network upgrades and speedier restoration of network outages. Tata Power-DDL needed an integrated system that could capture the network data seamlessly and act as a single source of information for their homegrown applications. GE's ADMS solution, which integrates SCADA, OMS (Outage Management System) and DMS (Distribution Management System) on a single platform, is designed to overcome such challenges. It has a unified database for such distribution utility needs and can create/update its database based on the information received from the GIS automatically.

On the launch of the ADMS, Sanjay Banga, CEO, Tata Power-DDL said, "Technology is critical for innovation and creating new paradigms each passing day. We aim to create a utility of the future delivering smarter and sustainable power distribution through integration of complex technological domains. The new ADMS in collaboration with GE will enable us to further improve on our service and help us in achieving our objective of providing world class quality power supply to our consumers."

For GE Power's team this is a major milestone as it is the first project in India with an integrated GIS (Geographical Information System) – DMS (Distribution Management System) – OMS (Outage Management System). The system integrates [Smallworld](#) GIS with GE's [ADMS](#) using standard adaptors.

"Our partnership with Tata Power-DDL is a key initiative in their consistent pursuit of providing best-in-class services to the people of Delhi. With the addition of ADMS technology, Tata Power-DDL will further strengthen Delhi's distribution system in terms of network reliability and efficiency," said Sunil Wadhwa, Regional Leader for GE Power's Grid Solutions business, South Asia and Managing Director, GE T&D India Limited.

In terms of contingencies, this innovative system will aid the maintenance staff for back-feeding any affected area through other sources of power supply, as well as provide early restoration of power supply while also predicting and providing time of restoration to the consumers. The system will also help maintenance staff to monitor power situation via mobile devices in real-time.



With the implementation of GE's ADMS, Tata Power - DDL will now have a single view for all relevant network information which will consecutively help them in making better-informed decisions. "The system also allows seamless integration with mobile crew management system; therefore, it can immediately direct the nearest available crew to restore the outage. Equipped with such robust features, our ADMS technology will certainly enhance the quality of power for the residents of North and North-West Delhi," commented Deepak Pandey, Regional Service Leader for GE Grid Solutions Software Solutions (SWS), GE Power in India.

GE's ADMS will also help Tata Power-DDL towards the implementation of the Smart Grid, electric vehicle charging infrastructure, battery storage solutions and integration of rooftop solar by monitoring the load patterns and availability of power supply.

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Notes to Editors

About Tata Power-DDL:

Tata Power Delhi Distribution Limited [Tata Power-DDL] is a joint venture between Tata Power and the Government of NCT of Delhi. The company started operations on July 1, 2002 post the unbundling of the erstwhile Delhi Vidyut Board (DVB). It distributes electricity in North & North-West parts of Delhi in an area spread across 510 sq. kms. The company serves a populace of 7 million and has a peak load of around 1850 MW. Since privatization, the Aggregate Technical & Commercial (AT&C) losses in Tata Power-DDL areas have shown a record decline. Today, AT&C losses stand at 8.4% which is an unprecedented reduction of around 84% from an opening loss level of 53% in July 2002.

About GE:

GE (NYSE: GE) is the world's Digital Industrial Company, transforming industry with software-defined machines and solutions that are connected, responsive and predictive. GE is organized around a global exchange of knowledge, the "GE Store," through which each business shares and accesses the same technology, markets, structure and intellect. Each invention further fuels innovation and application across our industrial sectors. With people, services, technology and scale, GE delivers better outcomes for customers by speaking the language of industry. www.ge.com

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. For more information, visit the company's website at www.gepower.com. Follow GE Power on Twitter [@GE_Power](https://twitter.com/GE_Power) and on [LinkedIn](https://www.linkedin.com/company/ge-power) at GE Power.

About GE T&D India Limited

With over 100 years of presence in India, GE T&D India is a leading player in the Power Transmission & Distribution business - A product portfolio ranging from Medium Voltage to Ultra High Voltage (1200 kV) for Power Generation, Transmission and Distribution, Industry and Infrastructure markets.

GE T&D India has a predominant presence in all stages of the power supply chain and offers a wide range of products that include 'Made in India' Power Transformers, Circuit Breakers, Gas Insulated Switchgears, Instrument Transformers, Substation Automation Equipment. GE T&D also offers Digital Software Solutions, Turnkey Solutions for Substation Engineering & Construction, Flexible AC Transmission Systems, High Voltage DC & Services suite of offerings. With 2500+ employees in India and 6 manufacturing sites, GE T&D India is future ready to meet the growing demands for equipments and services. GE is focused towards introducing Green and Digital Solutions aiming towards smarter and environment friendly Indian Grid. www.ge.com/in/ge-td-india-limited



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