



HQ/CS/CL.24B/16695
February 28, 2019


Sir,

Sub: Press Release Tata Communications' IoT network ignites the launch of Indraprastha Gas Limited's pre-paid smart gas metering system.

Please find attached herewith the press release on the captioned subject being issued today.

Thanking you,

Yours faithfully,
For Tata Communications Limited


Manish Sansi
Company Secretary &
General Counsel (India)

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- 2) Security Code TATACOMM, National Stock Exchange of India Limited. Exchange Plaza, C-1, Block G, Bandra Kurla Complex, Bandra (E), Mumbai, Maharashtra 400051

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For immediate release

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PRESS RELEASE

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Tata Communications' IoT network ignites the launch of Indraprastha Gas Limited's pre-paid smart gas metering system

World's largest IoT network underpins India's leading natural gas distribution company strategy to boost efficiencies and enhance customer experience

New Delhi, India - February 28, 2019 - [Indraprastha Gas Limited \(IGL\)](#), has awarded [Genesis Gas Solutions](#) for the roll-out of its pre-paid smart gas metering system. The new smart meters supplied by Genesis Gas Solutions in partnership with [Tata Communications'](#) LoRaWAN™ Internet of Things (IoT) network will enable its customers to monitor their gas use more accurately in real-time against available credit and pave the way for greater operational efficiency for IGL. This is the first time that this technology is being deployed by any CGD (City Gas Distribution) company in the country. Tata Communications already has an established LoRaWAN network in Delhi NCR, which has now been extended to Rewari.

As the first stage of deployment, 5,000 pre-paid Genesis smart gas meters have been installed in Rewari by IGL. Underpinning this is [Tata Communications' IoT infrastructure](#) based on an ultra-low-power, long-range [LoRaWAN](#) - a network that has been specifically designed for IoT devices such as smart meters. Thanks to the low energy consumption of LoRaWAN, smart meters for gas usage can be installed independent from the main power source - with a battery life of up to 10 years.

This has helped IGL overcome some of the key limitations of using existing post-paid technology solutions such as locked premises, estimated/wrong billing, reversal of bills and tampering of meters.

“Tata Communications' LoRaWAN enabled pre-paid smart meters will help enhance the relationship between us as a utility supplier and our customers” said **E.S. Ranganathan, Managing Director, Indraprastha Gas Limited**. Commenting on IGL's experience through installation of first 5000 pre-paid meters, he said “by implementing this smart metering solution, we have been able to eliminate human errors caused by manual meter reading, optimise capacity planning and improve cash flows.”

“Technology advancements such as IoT are laying the foundation of Digital India and the future is smart. Smart metering is gathering pace in the energy market, boosting efficiencies and enhancing customer experience,” said **VS Shridhar, Senior Vice President and Head for Internet of Things, Tata Communications**. “Furthermore, when underpinned by the right IoT platform, and connected with other solutions in a smart city, they could pave the way for additional value-added services for the benefit of consumers, businesses and society as a whole.”

Tata Communications is building the foundation for IoT in India with the world's largest IoT network, spanning nearly 2,000 communities and touching over 400 million people in total. To-date, the company has rolled out the LoRaWAN network in 45 cities, with more cities planned for implementation over the next two years.



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For immediate release

PRESS RELEASE

Ends...

About Tata Communications

Tata Communications is a leading global digital infrastructure provider that powers today's fast growing digital economy.

The company's customers represent 300 of the Fortune 500 whose digital transformation journeys are enabled by its portfolio of integrated, globally managed services that deliver local customer experiences. Through its network, cloud, mobility, Internet of Things (IoT), collaboration and security services, Tata Communications carries around 30% of the world's internet routes and connects businesses to 60% of the world's cloud giants and 4 out of 5 mobile subscribers.

The company's capabilities are underpinned by its global network. It is the world's largest wholly owned subsea fibre backbone and a Tier-1 IP network with connectivity to more than 240 countries and territories.

Tata Communications Limited is listed on the Bombay Stock Exchange and the National Stock Exchange of India and is present in over 200 countries and territories around the world.

www.tatacommunications.com

About Indraprastha Gas Limited

The role of IGL in checking the vehicular pollution in the National Capital Region is well acknowledged both at national as well as international forums. IGL has well laid out its city gas distribution infrastructure in Delhi, Noida, Greater Noida, Ghaziabad, Gurugram and Rewari which consists of over 12500 Kms of pipeline network. IGL is meeting fuel requirements of over one million vehicles running on CNG in NCR through a network of 463 CNG stations and is the largest CNG distribution company of the country.

IGL is currently supplying PNG to over one million households in Delhi and adjoining NCR towns, apart from fuelling over 4500 commercial & industrial units.

www.iglonline.net

About Genesis Gas Solutions

Genesis Gas Solutions (P) Ltd. is an IoT based Startup working in the area of Gas and Water metering using State of the Art research and Make in India approach. Genesis has developed products in Automated and Pre Paid Metering in partnership with International Meter Manufacturer, Beta Hangzhou Gas Meter Ltd. These products are most suitable for the high growth Natural Gas and Water Metering segments in India. Genesis has done pioneering product development for which their founding team was awarded National Innovation Award in 2014-15. Within 2017-18 their total order base has crossed 150,000 meters which are in various stages of execution. The company is based out of New Delhi.

www.genesis-in.com

Forward-looking and cautionary statements

Certain words and statements in this release concerning Tata Communications and its prospects, and other statements, including those relating to Tata Communications' expected financial position, business strategy, the future development of Tata Communications' operations, and the general economy in India, are forward-looking statements. Such statements involve known and unknown risks, uncertainties and other factors, including financial, regulatory and environmental, as well as those relating to industry growth and trend projections, which may cause actual results, performance or achievements of Tata Communications, or industry results, to differ materially from those expressed or implied by such forward-looking statements. The important factors that could cause actual results, performance or achievements to differ materially from such forward-looking statements include, among others, failure to increase the volume of traffic on Tata Communications' network; failure to develop new products and services that meet customer demands and generate acceptable margins; failure to successfully complete commercial testing of new technology and information systems to support new products and services, including voice transmission services; failure to stabilize or reduce the rate of price compression on certain of the company's communications services; failure to integrate strategic acquisitions and changes in government policies or regulations of India and, in particular, changes relating to the administration of Tata Communications' industry; and, in general, the economic, business and credit conditions in India. Additional factors that could cause actual results, performance or achievements to differ materially from such forward-looking statements, many of which are not in Tata Communications' control, include, but are not limited to, those risk factors discussed in Tata Communications Limited's Annual Reports. The Annual Reports of Tata Communications Limited are available at www.tatacommunications.com. Tata Communications is under no obligation to, and expressly disclaims any obligation to, update or alter its forward-looking statements.



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