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September 14, 2020

BSE Limited
P.J. Towers
Dalal Street
Mumbai 400 001
(Attn : DCS CRD)

National Stock Exchange of India Ltd
Exchange Plaza, 5th Floor
Plot No. C/1, G Block
Bandra-Kurla Complex, Bandra (E)
Mumbai 400 051

Attn: Listing Dept.

Dear Sirs

Sub: Press Release

We are sending herewith a copy of Press Release, which is being issued by the Company today to the media, for the information of the Stock Exchanges, as required under the SEBI (Listing Obligations and Disclosure Requirements) Regulations, 2015.

Thanking you

Yours faithfully
For ABB India Limited



B Gururaj
General Counsel & Company Secretary
FCS 2631

Encl: as above

BENGALURU, INDIA, SEPTEMBER 14, 2020

Assam's tea gardens & industrial customers upgrade to first of its kind ABB digital gas control systems for Assam Gas Company Limited

- ABB Ability™ SCADA Advantage™ system facilitates advanced control and real-time monitoring of gas flow from remote centers
- ABB's pressure regulation skids enable precise metering and maintaining of optimal gas pressure along the complex gas pipeline network.
- A flexible and scalable digital solution for reliable data transfer, ensuring last mile connectivity across 399 remote tea estates and six large industrial customers
- Custom wireless communication infrastructure was developed to ensure seamless transfer of data from the remotely located tea estates to the central monitoring location

ABB's SCADA-based solution monitors and controls gas flow across tea estates and select industrial customers, across six districts of upper Assam. The project was awarded by Assam Gas Company Limited (AGCL) and will be undertaken in two phases to cover 399 tea estates and six large industrial customers. As the state utility works towards building a sustainable gas distribution system, one of the major issues AGCL faced with was the optimization of gas flow along its extensive pipeline network ensuring gas availability per pre-defined limit even to the last-mile consumer.

ABB was able to customize and deliver a state-of-the-art SCADA and telecom solution for AGCL covering 74 tea estates and six big industrial consumers in the first phase of the project. This solution comprises of three pressure regulating stations, one bi-directional metering station along AGCL's pipeline. ABB's control system helps AGCL to regulate the gas flow according to the requirements of each tea estate. ABB's pressure regulation (metering, filtration and pressure-let-down) skids, ultrasonic-based metering module solution and the advanced control system, ensure gas distribution to the last mile connection while maintaining the optimum pressure along the length of the pipeline.

"ABB is proud to be associated with Assam Gas Company Ltd., in digitizing their gas distribution network. ABB India has developed an in-house competency to design, engineer, and develop a completely engineered solution to meet the entire spectrum of metering requirements for gas companies. This solution is designed to eliminate the challenges of complex pipeline networks and provide greater visibility of consumption for better demand and supply forecasting." said Balaji G, Head - Industrial Automation, Energy business, ABB India.

AGCL, a govt. of Assam undertaking transports natural gas to a large network and one of their biggest challenges was uneven distribution of gas particularly in CGD network, as the first few centers of the AGCL distribution network would end up utilizing more gas and exhausting their quota beyond the pre-defined limit, while users at the end of the pipeline would not receive the required gas supply for their

tea estates. Additionally, manual collection of gas consumption reading from bigger industrial consumers and each tea estates, which are not located in industrial parks rather in interior areas always remain a mammoth task. AGCL thus needed a modern digital solution to monitor, control and manage uniform distribution of natural gas supply across its customers including tea estates spread across six districts of upper Assam area.

The SCADA[™] Advantage system facilitates advanced control and real-time monitoring of gas flow from a remotely located control room. It is a high-quality solution that enables safe and reliable management of distributed assets. On the completion of Phase I, ABB has been awarded with additional contract for 325 locations by Assam Gas Company Ltd. in a competitive bidding process, to be carried out over the next four years as part of Phase II. An ERP solution integrated with SCADA shall also ensure accurate billing for AGCL without need for physical data collections over vast remotely located areas.

One of the major hurdles of this project was communication across the remote areas where AGCL customers were located. The data collected from each of the tea estates needed to be transferred over a wireless General Packet Radio Services (GPRS) network to the central monitoring location. This required a lot of bandwidth and thus restricted data flow. ABB engineers collaborated with a telecom service provider to develop a novel APN-based (access point name) GPRS solution, to improve the network connection at scattered locations, which enabled the tea estates to transfer data over the wireless network. The team was able to set up the wireless communication network for AGCL on schedule, to allow secure, real-time data acquisition through SMS, email, mobility and data access.

ABB's SCADA technology plays a significant role in city gas distribution (CGD) networks, helping utilities to detect gas leakages and pressure issues that could lead to accidents, environmental hazards and revenue loss. It also enables modernization of the management of gas transmission, distribution and scheduling. ABB's leading SCADA technology is well-positioned to be an enabler of modernization for gas distributors across the world.

ABB (ABN: SIX Swiss Ex) is a leading global technology company that energizes the transformation of society and industry to achieve a more productive, sustainable future. By connecting software to its electrification, robotics, automation and motion portfolio, ABB pushes the boundaries of technology to drive performance to new levels. With a history of excellence stretching back more than 130 years, ABB's success is driven by about 110,000 talented employees in over 100 countries.

Assam Gas Company Ltd., a Govt. of Assam Undertaking was incorporated on March 31, 1962 in Shillong as a limited company wholly owned by the Government of Assam. It has its present headquarters in the oil town of Duliajan in the district of Dibrugarh, Assam, India. Assam Gas Company Limited has been transporting, distributing and selling natural gas through its well established pipeline network and other infrastructure, to three different market segments namely Industrial, Commercial and Domestic (household) consumers in the Upper Assam region of North East India. Company has recently entered into another new market segment through making vehicular fuel CNG available by installing Assam's 1st CNG station at Dibrugarh. Assam Gas Company Ltd promises to continue as facilitator in the Industrial Growth and development of North East India.

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