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Electric Power Group (EPG) Starts Implementation of World's Largest Wide Area Monitoring System (WAMS) for Gujarat Energy Transmission Corporation (GETCO) Phase 2 Project in India

Electric Power Group, LLC, located in Pasadena, CA, USA has started implementation of the world's largest WAMS deployment for GETCO in India. When completed in 2022, the WAMS will be capable of receiving data from 1,650 PMUs, at 50 samples per second, which will provide operators actionable intelligence on power grid dynamics that is not possible using legacy EMS/SCADA systems.

GETCO operates the electric transmission grid for the State of Gujarat and is one of the largest electric power companies in India, providing electricity to approximately 64 million people (6.4 crores) with more than 2,000 substations and 65,000 circuit kilometers of transmission. EPG is a global leader in WAMS technology which will utilize synchrophasor data from PMUs to manage and monitor in real time the GETCO high voltage transmission grid.

Dr. Krish Narendra, EPG's COO and Technology Lead stated that "Managing electric power grids with changing generation mix and the addition of distributed wind and solar technologies, changes the dynamic behavior of the power grid. Use of WAMS technology to monitor oscillations, phase angles, frequency and voltage excursions, and other dynamic parameters in real time is critical for grid stability, resiliency and reliability." He continued that "the WAMS for GETCO will complement and integrate with the existing EMS/SCADA system to provide operators with intelligence on power grid dynamics in one integrated system for monitoring and operator action." Dr. Narendra added that "EPG's relationship with GETCO started in 2018 with a Pilot Project and we are excited to have the opportunity to work on this prestigious WAMS Phase 2 Project at GETCO to deliver a world-class WAMS system".

EPG is working with Hitachi-ABB Power Grid (HAPG), a global leader for transmission and distribution (T&D) equipment and infrastructure solutions. HAPG was selected by GETCO as the prime contractor. HAPG is responsible for supplying state-of-the-art PMUs and associated infrastructure. EPG is a subcontractor to HAPG and sole supplier of the WAMS technology for the GETCO project.

"We are pleased to have the opportunity to work with HAPG for the GETCO WAMS Project. HAPG, headquartered in Switzerland, is a global technology leader for T&D solutions and infrastructure. GETCO is a leading transmission State grid operator, and we look forward to working with GETCO's excellent team to execute their vision of a WAMS that supports real time operations and integration of Phasor data with EMS/SCADA" said Mr. Vikram Budhraj, President and CEO of EPG.



About Electric Power Group, LLC:

EPG, located in Pasadena, CA, is a leading provider of technology solutions and analytics for grid monitoring, visualization, control, security and reliability with more than 30 WAMS customers. It offers an industry leading suite of end-to-end synchrophasor technology solutions for real time monitoring and analytics for use across transmission, substation, distribution assets and control centers.

For more information, please call +1 (626) 685-2015 or go to www.electricpowergroup.com.