



GE Addresses Growing Energy Needs

- *Growth: \$25M worth of key contracts signed in North America*
- *Innovation: Two Gas Insulated Substation contracts for GE's Green Gas for Grid (g³)*

PARIS, August 22, 2016 – GE (NYSE: [GE](#)) today announced several contracts that address growing energy demand and provide utilities with its environmentally friendly solution, [Green Gas for Grid](#) (g³).

GE's Grid Solutions business continues to meet growing energy demand in North America with three new contracts valued at approximately \$25M for [Flexible Alternating Current Transmission System \(FACTS\)](#) technology:

- Replacing aging infrastructure with a turnkey fixed series compensation substation for [Idaho Power](#) in order to maintain system efficiency.
- Including reinforcing the grid for [VELCO](#) with GE Static Var Compensation (SVC) equipment. With the installation of this turnkey SVC solution, VELCO will own GE's complete FACTS portfolio for dynamic shunt compensation.
- Grid modernization contract with [Hydro Quebec](#) to upgrade the protection and controls for 3 capacitor fixed series banks at Montagnais, a 735kV electric substation located in the northern region of Quebec.

Grid Solutions has also completed the delivery of the 10th fixed series capacitors bank to Electric Transmission Texas ([ETT](#)). Designed to increase power flow, these banks were installed to relieve congestion and provide the ability to increase the available power needed in the region.

In addition, GE continues to forge ahead with its revolutionary [g³](#), the SF₆ alternative for high-voltage equipment, signing two separate contracts:

- Scottish Power Energy Networks ([SPEN](#)) in the UK has awarded GE with a contract to supply a Gas Insulated Line (GIL) using the [g³](#) solution. The GIL will be installed in the Kilmarnock South Substation, located in the South West of Scotland. This new equipment will save 1.7 tons of SF₆, a global warming potential corresponding to approximately 40 000 tons of CO₂. It is the second pilot project of this nature in the country after the National Grid project in Sellindge, which is about to be delivered and commissioned, ready for energizing.
- In Switzerland, GE will provide [Axpo](#) with a [F35-145kV](#) Gas Insulated Substation (GIS). Here, instead of SF₆, [g³](#) will be used in all components including circuit breakers. Located close to Zurich, this substation will be the first in world using [g³](#), in line with Axpo's aim to reduce net greenhouse gas emissions.

For more information on these contracts and solutions, follow the conversation at #CIGRE2016.

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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 Energy Connections

GE Energy Connections designs and deploys industry-leading technologies that turn the world on. We transport, convert, automate and optimize energy to ensure we provide safe, efficient and reliable electrical power. Uniting all the resources and scale of the world's first digital industrial company, we connect brilliant machines, grids, and systems to power utility, oil & gas, marine, mining and renewables customers, that keep our world running.

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About GE's Grid Solutions

Grid Solutions, a GE and Alstom joint venture, equips 90% of power utilities worldwide to bring power from the point of generation to end power consumers. With over 200 years combined experience in providing advanced energy solutions, our products and services enable more resilient, efficient and reliable power systems. Over 20,000 employees in 80 countries work to satisfy our customers globally. For more information, visit

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