



Utilidata and National Grid Announce Smart Grid Partnership

New technology will provide energy efficiency, system reliability and grid security benefits to Rhode Islanders

(PROVIDENCE – October 24, 2016) Utilidata announced today a commercial engagement with National Grid that will deliver energy efficiency and system reliability benefits to electric customers in Rhode Island. Utilidata is the provider of the intelligence behind National Grid's pilot project, which seeks to optimize voltage and VAR performance on the distribution system to deliver energy at improved efficiency levels.

Based on early results, the pilot project expects to reduce the annual energy usage by approximately 6.6 GWhrs annually for almost 16,000 customers. Based on these findings National Grid is committed to working with the Rhode Island Division of Public Utilities and Carriers to deploy Utilidata's Volt/VAR Optimization (VVO) technology – AdaptiVolt™ – across its electric system, which will help capture energy savings, improve reliability and provide unprecedented insights into electric grid operations.

"As a Providence-based technology company, we're incredibly excited to deliver the benefits of Volt/VAR optimization in our home state" said Scott DePasquale, Utilidata's CEO. "This is a smart grid technology that extracts real-time information from the electric grid to provide more reliable power, less expensive power, and a cleaner, more efficient electric grid."

Utilidata's AdaptiVolt™ solution leverages real-time information from the distribution grid to optimize the delivery of electric power. By optimizing voltage, the technology helps to reduce electricity losses and save energy as electricity travels from generating plants, through the transmission network, into substations, and ultimately to homes and businesses. Unlike traditional energy efficiency measures, this enables the utility to save energy without customer action and those savings are passed on to customers.

"While many of our customers may never know about the Volt/VAR technology we're installing on the electric grid, they will see the impact of it at the end of the day in the form of energy savings," said Timothy F. Horan, President and COO of National Grid Rhode Island. "Another reason we are excited about working with Utilidata is their commitment to innovation. They are leveraging the data they extract to develop applications to make the energy grid more secure, which is key as we transition to a more integrated, modern distribution grid. National Grid is committed to providing our customers safe, reliable and affordable power that is well-defended against the threat of cyberattack."

In addition to providing customers with energy efficiency and system reliability benefits, Utilidata's AdaptiVolt™ technology will also enable broader smart grid applications including advanced distribution automation and metering infrastructure, distributed energy resources and grid surveillance.

“Rhode Island is consistently ranked among the most energy efficient states in the country, and this is another excellent example of the kind of innovation that’s needed to make us a national leader in energy efficiency and grid modernization,” said Carol Grant, Commissioner of the Office of Energy Resources.

"Programs and partnerships, like those forged between National Grid and Utilidata, will be key in attracting new smart grid and other technology companies to Rhode Island, and will bolster our economic development efforts in general," said Stefan Pryor, Rhode Island Commerce Secretary.

To learn more about National Grid is using Volt/VAR Optimization as an energy efficiency game changer, go to https://www.nationalgridus.com/media/pdfs/our-company/ng_ebook.pdf.

About National Grid

National Grid (LSE: NG; NYSE: NNG) is an electricity and natural gas delivery company that connects nearly 7 million customers to vital energy sources through its networks in New York, Massachusetts and Rhode Island. It is the largest distributor of natural gas in the Northeast. National Grid also operates the systems that deliver gas and electricity across Great Britain.

Through its U.S. Connect21 strategy, National Grid is transforming its electricity and natural gas networks to support the 21st century digital economy with smarter, cleaner, and more resilient energy solutions. Connect21 is vital to our communities' long-term economic and environmental health and aligns with regulatory initiatives in New York (REV: Reforming the Energy Vision) and Massachusetts (Grid Modernization).

For more information please visit our [website](#), or our [Connecting](#) website, follow us on [Twitter](#), watch us on [YouTube](#), friend us on [Facebook](#), find our photos on [Instagram](#).

About Utilidata:

Utilidata®, Inc. is a global software company that works with electric utilities to enhance energy efficiency and grid security. The company’s patented technology captures real-time data from the grid giving utilities information needed to save energy, mitigate issues caused by distributed energy resources, and better detect grid anomalies. With major clients including American Electric Power, National Grid and Pacific Gas and Electric Company, Utilidata is backed by leading venture capital firms and is expanding across North America, Asia, and the Middle East. The company has a world-class production, research and development facility at its headquarters in Providence, RI. For more information, please visit: utilidata.com or follow [@Utilidata](#) on Twitter.

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