



Investing in the Future, GE Helps Major Georgia Utility Improve Grid Reliability

- *GE's Transformer Monitoring Solution will Enhance Georgia Power's Grid Reliability*
- *Helps Georgia Power Proactively Identify Potential Transformer Issues which Could Cause Unplanned Failures and Outages*
- *This Historic Deal is the Largest Ever for GE-Digital Energy's Monitoring & Diagnostic Product Line*

MARKHAM, ONTARIO—October 28, 2014—GE (NYSE: GE) today announced a historic deal which will help Georgia Power, a subsidiary of Southern Company, deliver more reliable power to its 2.4 million customers across the state. With more than 2,000 transformers across its electrical grid, Georgia Power wanted to better understand the condition of its transformer fleet to help avoid unexpected failures and gain greater insight into the overall health of its fleet.

Under the agreement, GE will deliver a complete transformer monitoring solution that will improve the reliability and efficiency of Georgia Power's electrical grid infrastructure by giving it real-time data on the condition of each transformer on the grid.

"Increasing reliability through the application of advanced technologies is a focus for us every day," said Danny Lindsey, vice president of transmission for Georgia Power. "Georgia Power has one of the 'smartest' electrical grids in the country that helps us minimize interruptions in service to our customers during day-to-day operations and in severe circumstances including storms. The new project with GE is the latest way we're working to proactively monitor our system to ensure we're addressing any potential issues before they become a threat to our reliability."

By implementing GE's Monitoring and Diagnostics (M&D) solution, Georgia Power will be able to remotely monitor the performance of its transformers and proactively detect and diagnose issues early to help avoid unplanned transformer failures that could lead to costly outages on the grid.

Using GE's [Hydran M2](#) and [Kelman Transfix](#) dissolved gas transformer monitors, Georgia Power will be able to cost effectively understand the health of any monitored transformer and take action on developing issues before a failure occurs. In addition to this insight about individual transformer condition, GE's [Perception™ Fleet Transformer Management software](#) will allow Georgia Power to gain real-time knowledge on the health of its entire transformer fleet, facilitating better understanding of its total budget requirements to maintain and build a strong fleet, focusing on capital expenditures and in turn reducing operating expenses.

"Global grid operators have long depended on physical transformer inspections to understand the condition of their transformer fleet," said Graham McGuigan, senior product manager, M&D for GE's Digital Energy business. "Today's technology advancements allow grid operators to leverage real-time data on the operation of each transformer and make quicker decisions to mitigate potential issues caused by storms, malfunctions or aging equipment. Using GE's transformer fleet management solutions, operators can now remotely view the overall risks to their transformer fleet, allowing them to

prioritize their capital expenditures and operations and maintenance investments to potentially avoid costly, unplanned outages.”

GE and Georgia Power will start implementing this transformer fleet monitoring solution in late 2014, with a complete roll out planned for the end of 2016.

GE’s Digital Energy business is a global leader in protection and control, communications, power sensing and power quality solutions. Its products and services increase the reliability of electrical power networks and critical equipment for utility, industrial and large commercial customers. From protecting and optimizing assets such as generators, transmission lines and motors, to ensuring secure wireless data transmission and providing uninterrupted power, GE’s Digital Energy business delivers industry-leading technologies to solve the unique challenges of each customer. For more information, visit www.gedigitalenergy.com.

Follow GE’s Digital Energy business on Twitter [@GEModernGrid](https://twitter.com/GEModernGrid).

About Georgia Power

Georgia Power is the largest subsidiary of Southern Company (NYSE: SO), the premier energy company serving the Southeast through its subsidiaries. Value, Reliability, Customer Service and Stewardship are the cornerstones of the company's promise to 2.4 million customers in all but four of Georgia's 159 counties. Committed to delivering clean, safe, reliable and affordable energy at rates below the national average, Georgia Power maintains a diverse, innovative generation mix that includes nuclear, advanced coal and natural gas, renewables such as solar, hydroelectric and wind, as well as a variety of energy efficiency programs. Consistently recognized as a leader in customer service, Georgia Power was recently ranked highest in overall business customer satisfaction among large utilities in the South by J.D. Power and Associates. For more information, visit www.GeorgiaPower.com and connect with the company on Facebook (Facebook.com/GeorgiaPower) and Twitter (Twitter.com/GeorgiaPower).

About GE

GE (NYSE: GE) works on things that matter. The best people and the best technologies taking on the toughest challenges. Finding solutions in energy, health and home, transportation and finance. Building, powering, moving and curing the world. Not just imagining. Doing. GE works. For more information, visit the company's website at www.ge.com.

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