



GE Introduces an Optimization Solution for Microgrids

- *Enables Renewable Energy to be Reliably and Cost-Effectively Integrated into a Microgrid System*
- *Optimizes the Cost of Microgrid Energy and Reduces Greenhouse Gas Emissions by Balancing the Use of Renewable and Fossil Fuel-Based Energy Resources*
- *Provides an Easy-to-Use, Operator Interface Allowing Microgrid System Operators to Effectively Manage Operations and Make Maintenance Decisions Easier*

MARKHAM, ONTARIO — Oct. 30, 2012 — GE (NYSE: GE) announces the release of its Multilin™ Microgrid Control System (MCS) designed to help permanently islanded or grid-connected microgrid operators integrate renewable energy resources and fossil fuel-based resources to optimize microgrid operation and minimize energy costs.

“The demand for microgrid technology is increasing with off-the-grid remote communities, military installations, institutions and mining communities all looking at options to reliably maximize their energy use,” said Juan Macias, general manager—Grid Automation for GE’s Digital Energy business. “Using the Multilin Microgrid Control System, microgrid operators can potentially gain up to a 15 percent reduction in fuel costs by intelligently managing their generation assets.”

Installing GE’s MCS helps microgrid operators manage the storage and dispatching of energy resources so that the appropriate resources can be used when it’s most economical. MCS also can help microgrid operators improve their asset utilization by integrating existing power system assets into the microgrid infrastructure improving their return on investment.

The U.S. Department of Defense (DOD) already has seen the benefits of using [GE’s Multilin™ Microgrid Control System at Twentynine Palms Marine Base in California](#) (the largest marine base in the country). When the base’s microgrid is fully operational, it will be capable of islanding roughly one third of the base’s total load, while simultaneously meeting the DOD’s criteria for cybersecurity.

For more information on GE’s Multilin™ Microgrid Control System please visit: <http://www.gedigitalenergy.com>.

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.

Follow GE Energy Management and its Digital Energy business on Twitter [@GE_EnergyMgmt](#) and [@YourSmartGrid](#).

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