

Lockheed Martin Commissions GridStar™ Energy Storage System In New York

System to Reduce Energy Costs and Deliver Services to Local Grid

SYRACUSE, N.Y., Oct. 19, 2016 /[PRNewswire](#)/ -- Lockheed Martin (NYSE: LMT) has installed its GridStar™ Lithium energy storage system at the company's Syracuse, New York, facility. The 1 MW system will reduce electricity bills and emissions for Lockheed Martin's operations and will also provide services to the New York Independent System Operator (NYISO), the state's competitive wholesale electricity operator. ENGIE, a global independent power producer and energy services provider, will operate the system and dispatch the power.

"We provide turn-key energy storage solutions for a variety of utilities, independent power producers, commercial and industrial customers and developers," said Frank Armijo, vice president of Lockheed Martin Energy. "As we provide customers with advanced energy solutions, we're pleased also to implement them at our own facilities to further our affordability and sustainability goals."

System Capabilities

Lockheed Martin Energy used the company's advanced project analytics capabilities to design the installation. The project deploys Lockheed Martin's compact, easy-to-install GridStar™ fully integrated Lithium energy storage system.

Lockheed Martin and ENGIE integrated the GridStar™ system with ENGIE's energy storage operating software to achieve a multi-functional application of energy storage.

"This project is a great opportunity to combine multiple capabilities in the growing market for decentralized energy management," said Jason Goodhand, director of energy storage for ENGIE North America. "By pairing Lockheed Martin's system with our Green Charge subsidiary's advanced, patented software as well as ENGIE's experience in scheduling and dispatching power, we bring together a powerful solution that supports Lockheed Martin's goals and enhances the flexibility and resiliency of the broader power grid of the New York ISO."

The Lockheed Martin GridStar™ Lithium architecture consists of modular, scalable,

purpose-built energy storage units that contain batteries, local-controls software and all required balance-of-system components. Each GridStar™ energy storage unit can be configured to provide up to 375 kW of power and up to 600 kWh of energy storage. These units can be AC coupled together to scale to multi-MW projects. Systems also come with extended warranty and long-term maintenance options.

Enhancing Efficiency

Lockheed Martin plans to install additional energy storage systems at sites across the company, which will reduce utility bills and further advance its sustainability efforts. Lockheed Martin's Syracuse, New York, facility employs about 1,600 and is primarily focused on the design and production of radar, sonar, and electronic warfare sensors. The company also [recently announced the opening of a new bioenergy facility](#) to convert waste into power for the corporation's facility in Owego, New York.

[Lockheed Martin Energy](#) is a line of business within Lockheed Martin that delivers comprehensive solutions across the energy industry to include demand response solutions, energy efficiency, energy storage, nuclear systems, tidal energy technologies and bioenergy generation.

For additional information, visit our website: www.lockheedmartin.com/energy

About Lockheed Martin

Headquartered in Bethesda, Maryland, Lockheed Martin is a global security and aerospace company that employs approximately 98,000 people worldwide and is principally engaged in the research, design, development, manufacture, integration and sustainment of advanced technology systems, products and services. For additional information, visit our website: www.lockheedmartin.com.

About ENGIE

In North America, ENGIE manages a range of energy businesses in the U.S. and Canada, including electricity generation and cogeneration, natural gas and liquefied natural gas (LNG) distribution and sales, retail energy sales, as well as services to help customers run their facilities more efficiently and optimize their energy use and expense. Globally, the company is present in 70 countries and employs 154,950 people. For more information, please visit www.engie-na.com and www.engie.com.

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