

GridStar[®] ENERGY STORAGE

Saving Facility Energy Costs through Demand Charge Reduction 8.5 MWh GridStar[®]

LITHIUM ENERGY STORAGE INSTALLATION AT INDUSTRIAL PLANT IN ONTARIO, CANADA



SYSTEM SIZE & TECHNOLOGY

8.5 MWh Lockheed Martin GridStar[®] Lithium energy storage system

APPLICATIONS

Behind-the-meter incident peak demand reduction and reduction of Global Adjustment demand charges

LOCATION

Ontario, Canada

SITE

Manufacturing plant owned by Husky Injection Molding Systems, Inc.

OPERATION

Convergent Energy + Power, an energy storage developer

SYSTEM BENEFITS

- Reduced demand charges & electricity costs
- Reduced emissions from electricity production

PROJECT SUMMARY

Lockheed Martin delivered an 8.5 MWh GridStar[®] Lithium system to an energy storage developer, as part of a project to help a large industrial customer reduce its electricity costs. The developer, Convergent Energy + Power, installed battery storage technology to help Husky Injection Molding Systems, a Canadian-based company specializing in injection molding equipment and services to the plastics industry, reduce their demand charges. Constructed in November 2017, the project is expected to reduce electricity cost on the load it addresses by 15-30% per year for the customer. Demand charges can account for up to 70% of electricity bills for some customers in Ontario.

“We look forward to realizing significant savings from this system to help us remain competitive over the long-term. This battery system is a crucial part of our innovative, forward-looking strategy to decrease both operating costs and our overall environmental impact.”

— ROBERT MEEK, DIRECTOR,
GLOBAL FACILITIES, HUSKY INJECTION MOLDING

Convergent Energy + Power explained that they selected Lockheed Martin's GridStar[®] Lithium system due to the system's "robust, reliable, and space-saving design." Lockheed Martin's GridStar[®] Lithium turnkey energy storage systems are compact, easy to install, and scalable for 100 kW to multi-MW projects. Additionally, the systems have received the important product safety certification UL 9540.

About Lockheed Martin Energy

Lockheed Martin Energy is a line of business that delivers comprehensive solutions across the energy industry to include energy storage, demand management solutions, microgrids, military energy solutions, nuclear systems and bioenergy generation. For additional information, visit our website: www.lockheedmartin.com/energy.



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