

# GridStar<sup>®</sup> ENERGY STORAGE

## 1MWh GridStar<sup>®</sup> Lithium Energy Storage Installation in Syracuse, New York

REDUCING FACILITY ENERGY COSTS AND DELIVERING SERVICES TO LOCAL GRID



### SYSTEM SIZE & TECHNOLOGY

1MW, 1.4MWh Lockheed Martin GridStar<sup>®</sup> Lithium energy storage system

### APPLICATIONS

Demand charge reduction & participation in ancillary services market

### LOCATION

Syracuse, New York

### SYSTEM BENEFITS

- Reduced electricity bills
- Reduced emissions from electricity production
- Providing services to the New York, Independent System Operator (NY ISO) to maintain grid reliability

### PROJECT SUMMARY

Lockheed Martin Energy installed a 1MW, 1.4MWh GridStar<sup>®</sup> Lithium energy storage system at one of the company's manufacturing facilities in Syracuse, New York to reduce electricity costs due to demand charges, generate revenue by providing ancillary services to the New York Independent System Operator, and to reduce emissions.

The project deploys Lockheed Martin's compact, easy-to-install, fully integrated GridStar Lithium energy storage system. The Lockheed Martin GridStar

**“We provide turn-key energy storage solutions for a variety of utilities, independent power producers, commercial and industrial customers and developers. As we provide customers with advanced energy solutions, we're pleased to also implement them at our own facilities to further our affordability and sustainability goals”**

– FRANK ARMIJO,  
VICE PRESIDENT LOCKHEED MARTIN ENERGY

Lithium architecture consists of modular, scalable, purpose-built energy storage units that:

- Contain batteries, local controls software and all required balance-of-system components
- Can be configured to provide up to 375 kW of power and up to 600 kWh of energy storage
- Can be AC-coupled together to scale to multi-MW projects
- Systems also come with an extended warranty and long-term maintenance options.

### 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](http://www.lockheedmartin.com/energy).



# Lockheed Martin. Your Mission is Ours.®

Let's Talk

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