



# GRIDSTAR<sup>®</sup> ENERGY STORAGE

## PROJECT SUMMARY

Solar-Plus-Storage

NORTH CAROLINA

**LOCKHEED MARTIN**



# GridStar® Lithium Energy Storage 12MWh Solar-Plus-Storage Portfolio in NC

## Integrating Solar and Reducing Peak Power Requirements

LOCKHEED MARTIN

## PROJECT SUMMARY



“These projects provide solar energy to our members and compound the value by delivering it exactly when we need it. This collaboration will provide significant value to our members for years to come.”

– DON HUGHES, CEO, BRUNSWICK EMC

### PROJECT SUMMARY

Lockheed Martin delivered 12 GridStar® Lithium energy storage systems to Cypress Creek Renewables, one of the nation’s largest solar project developers, for 12 solar-plus-storage projects. The solar-plus-storage portfolio, which Cypress Creek acquired from United Renewable Energy, will provide clean electricity to communities served by Brunswick Electric Membership Corporation (EMC) in Southeastern North Carolina.

The 12MWh of GridStar Lithium systems will store power from the solar installations and discharge it when needed the most, helping Brunswick EMC to reduce peak power requirements and provide reliable, renewable power to its member-owners. Lockheed Martin’s GridStar energy storage ensures that this power is rapidly dispatchable – a key benefit that allows Brunswick EMC to avoid peaking costs and pass the savings to its member-owners.

### About Lockheed Martin Energy Storage

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.

Lockheed Martin Energy is a line of business within Lockheed Martin that delivers comprehensive solutions across the energy industry, including demand-response, energy efficiency, energy storage, nuclear systems, tidal energy technologies and bioenergy generation. For additional information, visit our website:

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

### SYSTEM SIZE & TECHNOLOGY

Portfolio of 12 energy storage systems, totaling 12MWh, tied to utility-scale solar

### APPLICATIONS

Solar-plus-storage integration

### LOCATION

North Carolina

### OWNER & OPERATOR

Cypress Creek Renewables, a leading provider of solar energy

### SYSTEM BENEFITS

- Renewable energy integration
- Reduce utility’s peak power requirements

### CONTACT INFORMATION

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