

# Andover Operations

Lockheed Martin's 95,000-square-foot facility in Andover is the official home and single site for the development, testing and production of GridStar® Flow. Bringing together employees across roles in Engineering, Technology, Program Management and Operations, this cutting-edge facility houses the program's New Product Introduction manufacturing site, all development laboratories and office space to support program collaboration and integration.



Works with **163**  
Total Vendors

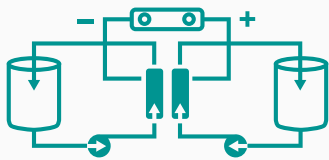


Headquartered in  
Andover, Massachusetts



Supports **60**  
Local Vendors

## Mission Area



GridStar Flow is a redox flow battery based on the principles of coordination chemistry, offering a new electrochemistry consisting of engineered electrolytes made from earth-abundant materials. The first commercial version of GridStar Flow (S/N01) is installed at the Andover facility. Commissioned in October 2020, S/N01 has gone through rigorous system performance testing and forms the basis for customer-sited projects.

## Facilities Breakdown



**885 kW**

Combined Storage Test Asset Capacity



Manufactures Direct Current  
Power Modules

### Andover Houses

- 1 Chemistry Lab
- 1 Electrical Engineering Lab
- 2 Materials Research & Testing Labs
- 2 Mechanical Engineering Labs
- 3 Stack Assembly & Disassembly Labs
- 3 Battery System Testing Labs



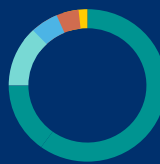
## Sustainability Practices

- Entire building was remodeled to be energy efficient and green
- Installed all LED lighting throughout the facility
- Heat Recovery System installed on Lab Fume Hood System
- Working with National Grid to install EV Charging station on site

## People & Footprint



**51** Total Headcount



**75%**

Engineers

**12%**

Operations

**6%**

Scientists & Chemists

**5%**

Program & Product Management

**2%**

Business Development



**61** Granted

**12** Pending Applications



**70%**

With Technical Degrees

**45%**

With Advanced Degrees