

Fast Facts

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
100 Total Vendors

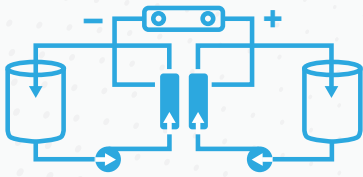


Headquartered in
Andover, MA



Supports
37 Local Vendors

Mission Area



GridStar® Flow

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. This prototype will be tested to determine system performance and will form the basis for future customer-sited projects.

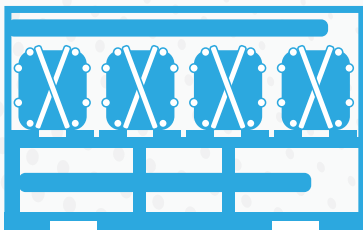
Facilities Breakdown



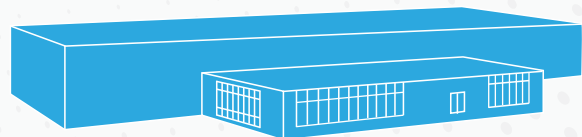
885 kW Combined Storage Test Asset Capacity

Andover Houses

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

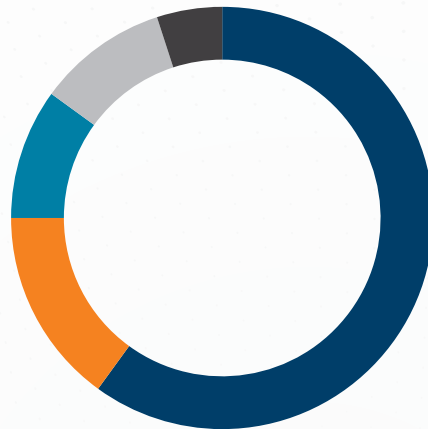
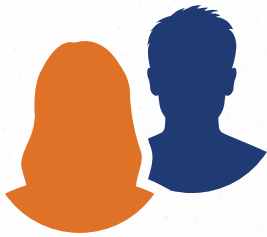


Manufactures
Direct Current Power Modules



People and Footprint

61 Total Headcount



60% Engineers

15% Scientists and Chemists

10% Program and Product Management

10% Business Development

5% Operations



70%

With Technical Degrees

49%

With Advanced Degrees



60 Patents

11 Pending Applications

6 New Applications in Progress

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