

# Energy Storage System Projects



## Program Overview

Efficiency Maine's Energy Storage Systems Program offers performance-based incentives for the installation and deployment of battery and thermal energy storage systems to reduce behind-the-meter electric load during summer peak demand conditions.

## Project Types

**Electrochemical Batteries:** Behind-the-meter battery projects of any chemistry with the ability to reduce facility electric loads during summer peak demand periods.

**Thermal Batteries:** Thermal storage projects with the ability to reduce electric load during summer peak demand periods by offsetting cooling power demands.

## Incentives

Range from \$20,000 to \$3,000,000 distributed over five annual payments. Incentive awards are based on the ability of the system to reduce facility electric load during ISO-New England summer peak demand periods:

- Annual payments of \$200 per kW, with five-year contracts
- Performance determined as average kW reduction over 15, three-hour deployments
- Qualifying dispatches are those occurring when the ISO NE load is within 15% of the summer peak load (ICAP hour)
- Incentives are capped at three MW or \$3,000,000 over five years

## Eligibility

Eligible systems must:

- Be approved by the Trust prior to installation
- Be able to deploy 20 kW for at least three hours
- Achieve a minimum round-trip efficiency of 80%
- Be able to collect and transmit 15-minute interval data
- Carry a 10-year manufacturer warranty
- Be UL-listed or certified by another nationally recognized testing lab
- Be interconnected under a non-exporting interconnection agreement

## Additional Support

- List of available battery vendors and developers at [efficiencymaine.com/energy-storage-system-projects](https://www.efficiencymaine.com/energy-storage-system-projects)
- Technical Assistance (TA) study incentives of 50% of the study cost, up to \$25,000, to support interconnection and design fees



To learn more, visit [efficiencymaine.com/at-work/commercial-industrial-custom-program](https://www.efficiencymaine.com/at-work/commercial-industrial-custom-program)

