

Battery Energy Storage System (BESS)

New Haven, CT

Project Overview

UI proposes to build Connecticut's first utility scale battery storage system.

- A 2.5 MW system will support the community during periods of high energy demand or emergencies such as storms.
- Career High School has existing clean energy infrastructure with rooftop solar and combined Heat & Power generator.
- A 3500 – 7000 sq. ft. footprint with 10 ft. setbacks from lot-lines, rights-of-way, and buildings

Project Location

Proposed location- Regional Hill Career High School, 140 Legion Ave, New Haven, CT

Estimated Timetable *(subject to change)*

Initial Field Work:	2026
Permitting:	2026
Construction Start:	Q2 2027
In Service Date:	Q4 2027

Project Scope

- Advanced fire suppression systems, real-time monitoring, dedicated emergency access, full NFPA compliance and New Haven Fire Department training.
- Environmental Justice – Located in a designated EJ community and top 10 critical facility.
- Infrastructure Ready – Existing solar, CHP and transformer capacity.
- Educational – Hands-on STEM learning experiences focused on energy and sustainability paired with student created art to enhance aesthetics.

Benefits:

- Helps prevent power outages and strengthens grid reliability.
- Provides: 16+ hours of backup power for the school (a designated critical city shelter).
- 4+ hours for 160+ nearby homes and businesses.

Project Information Line: 1.888.848.3697

Refer to: NH BESS

Email: outreach@uinet.com

Website: Uinet.com > Our Community > Reliable Service



Proposed location: Hill Regional Career High School, 140 Legion Ave, New Haven, CT