

Project Team

Team of local and regional professionals advancing storage development efforts





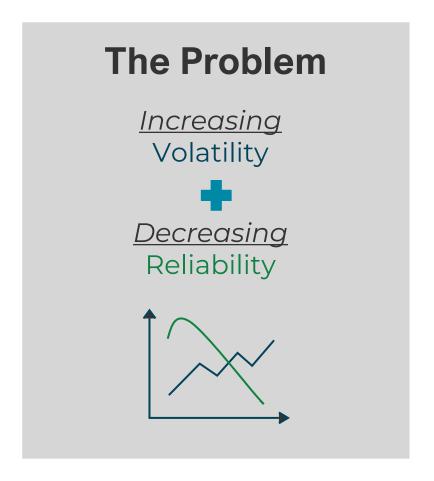
Chris GrovesDirector of Fire Protection & Safety

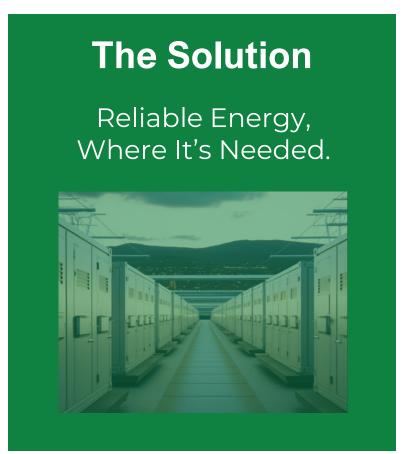


Sarah Salem
Director of Environmental Justice &
Community Investment

Our Vision

Building the clean energy infrastructure for our future





Our Mission Reduce emissions that

contribute to climate change and environmental injustice through the development of large-scale urban energy storage projects.





Experienced Team

Community-first development philosophy

US-based company, strategic focus in Northeast

Proven team successes with strong positive regional impact

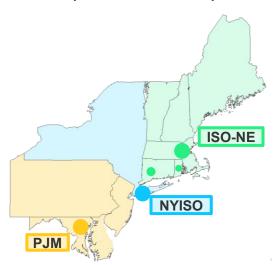
- 200-MW project under construction in Uxbridge, MA
- Track record of building over 20 operational energy storage projects
- Developed projects now operating safely / incident-free

Deep understanding of energy storage complexity

 Designed and built projects up to 1 GWh / 500 kV across multiple regions

• Deployed >\$40 billion of capital for development, construction, and

operations





State Initiative, Local Benefits

Project benefits to New Milford

1. Economic

- New tax revenue and potential for tax stabilization agreement
- Increased tax base for rate payers
- Avoidance of network upgrade cost sharing, i.e., project pays all costs to interconnect to the grid
- Creation of temporary jobs and boost to local businesses during construction period
- Can tailor local partnerships to meet unique community needs
- 2. **Resiliency** Lower the likelihood of blackouts and brownouts by lessening strain on local distribution system during times of high demand
- 3. Environmental Enables greater renewable energy grid penetration, zero emission use relative to expensive carbon-based capacity technologies (natural gas peaker plants)
- **4. Education** Opportunities for school programs, scholarships, trainings

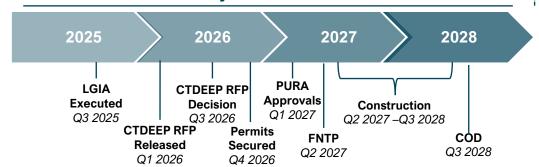
Project Overview

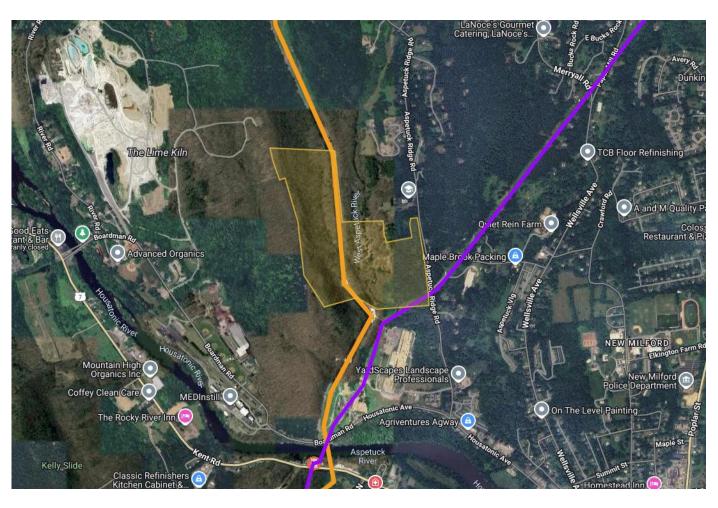
Project Overview

Project Location and Interconnection

| Location | New Milford, CT 2 Timothy Lane |
|-------------------------|---|
| Size | 140 MW 560 MWh |
| FNTP COD | Q2 2027 Q3 2028 |
| Technology | BESS Cell: Lithium Iron Phosphate (LFP) BESS Modules: Tesla, SK, or Hithium BESS Inverter: Tesla, EPC Power, or SMA |
| IX Type | Line tap onto Eversource's existing 115 kV Transmission line on site |
| Site Characteristics | ~10-acre development footprint Site control of 102 acres total Zoned R-40 (Residential 40) Design avoids environmental constraints |

Project Timeline





Proposed Site Layout

LEGEND

SURVEYED PROPERTY BOUNDARY

APPROXIMATE EASEMENT



WETLAND



STORMWATER MANAGEMENT POND

50' WETLAND BUFFER

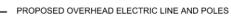
100' WETLAND BUFFER



PROPOSED GRAVEL ACCESS ROAD

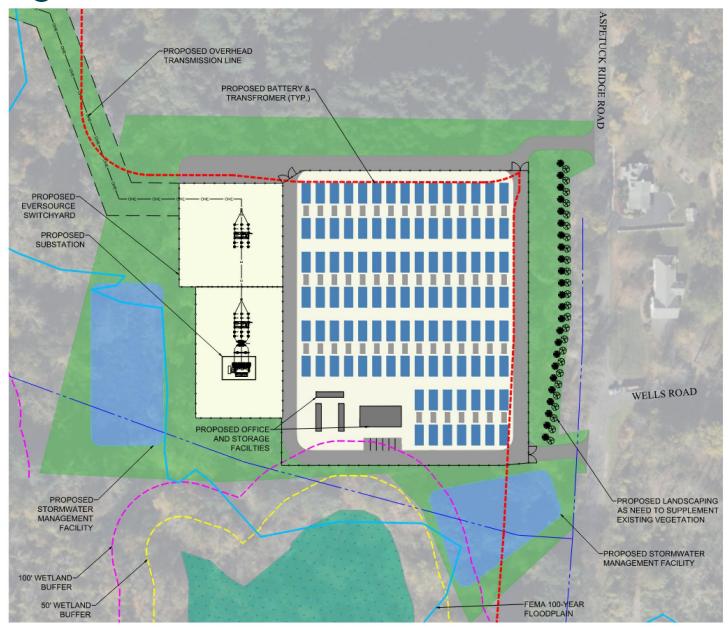








BUILDING SETBACK



Safety as a Core Value

Layer of Protection Throughout the BESS Lifecycle



PRODUCT DESIGN & MANUFACTURING

TESTING & CERTIFICATIONS

- UL 9540A Large-Scale Fire Testing
- UL 9540 Certification for ESS
- UL 1973 Certification for Batteries
- UL 1741 Certification for Inverters

FIRE PROTECTION FEATURES

- Battery Management System (BMS) 24/7
- Thermal management systems
- Explosion protection (exhaust ventilation, deflagration vent panels, or engineered system)
- Heat, smoke, gas, or flame detection
- Electrical fault protections
- NFPA 72 Fire Alarm Systems

RESEARCH & DEVELOPMENT

- Fire and deflagration protection analyses
- Failure Modes and Effects Analysis (FMEA)

QUALITY ASSURANCE

- Third-party safety design review
- Manufacturing QA



PROJECT DEVELOPMENT & APPROVALS

LOCAL CODES & STANDARDS

- 2022 Connecticut State Building Code
 - o International Building Code (IBC), 2021 Edition
 - NFPA 70 National Electrical Code (NEC), 2020
 - International Mechanical Code (IMC), 2021
 - o NFPA 1 Fire Code, 2021 Edition

SAFE FACILITY DESIGN & SITING

- Safe distance from nearby exposures
- Proper Fire Department access
- Water supply

SITE-SPECIFIC SAFETY REVIEW

- Hazard Mitigation Analysis (HMA)
- · Emergency Response Plans (ERP)

REVIEW & APPROVALS

• Permitting review and approval by the project governing entities



TRAINING, OPERATIONS & MAINTENANCE

ESS SAFETY TRAINING

- Fire Department training and outreach
 - Continued for the life of the battery
- AHJs, utilities, and other project stakeholders

EMERGENCY RESPONSE

- Site-specific Emergency Response Plan (ERP)
- 24/7 Emergency Response Services / Subject Matter Experts (SMEs)
- Incident Management and coordination between FD and SME

COMMISSIONING & DECOMMISSIONING

- Proper inspection and commissioning procedures
- Proper decommissioning plan for safe removal of retired or damaged equipment

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Stay Connected

Upcoming Events:

• January 2026: Flatiron Energy Community Giving Program Launch

• Early 2026: Open House (date/time/location TBD)

Charlie McGovern: Director of Development cmcgovern@flatiron.energy

Chris Groves: Director of Fire Protection & Safety cgroves@flatiron.energy

Sarah Salem: Director of Environmental Justice & Community Investment ssalem@flatiron.energy

Join our contact list



Questions? Contact us at treebeard@flatiron.energy

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