



SolarGrid Energy Solutions

Boston Large Energy Storage Project



Overview

Flatiron Energy's groundbreaking 300-MW battery storage project in Boston aims to enhance reliability and champion environmental justice by 2028. Powering a greener future starts here! What is Flatiron Energy's 300 MW battery storage project?

Flatiron Energy's groundbreaking 300-MW battery storage project in Boston aims to enhance reliability and champion environmental justice by 2028. Powering a greener future starts here! Flatiron Energy has received approval from ISO New England for a 300-MW/1,200-MWh battery energy storage system in Boston, Massachusetts.

Can New England states support large-scale transmission & energy storage infrastructure?

BOSTON — A coalition of New England states jointly submitted two applications to secure federal funding to support investments in large-scale transmission and energy storage infrastructure to enhance grid reliability and resilience across the region.

What are New England's power grid projects?

The projects feature transformational investments in the power grid to strengthen grid reliability and resilience, unlock additional supplies of renewable resources, and reduce energy burdens across the New England region and beyond.

Is power up a good investment for New England?

"Power Up presents an opportunity for a transformational investment in New England's clean energy transition while improving grid reliability, reducing energy burdens for customers, uplifting local communities, and creating high-quality jobs," said Bill Quinlan, President of Transmission and Offshore Wind Projects at Eversource Energy.

When is Flatiron energy launching a battery storage project?

The project is expected to be operational by May 26, 2028. Boulder, Colorado-based Flatiron Energy focuses on utility-scale battery storage systems in the Northeast and Mid-Atlantic regions, aiming to address climate change and promote environmental justice through its energy solutions for communities and electricity users.

Why did Massachusetts apply for the grid Innovation Program?

"These two applications for the Grid Innovation Program are the result of a whole-of-government effort to compete for federal funding, and close partnerships with our counterparts in neighboring states," said Massachusetts Director of Federal Funds and Infrastructure Quentin Palfrey.

Boston Large Energy Storage Project



Gas tank farm could be replaced by giant battery ...

May 24, 2024 · Jupiter Power this week announced plans to build a \$500 million-plus battery energy storage system on a 20-acre portion of the former Exxon ...

RFP alert: Massachusetts takes steps toward 40 ...

Jun 17, 2025 · Massachusetts is initiating efforts toward its 2024 goal of procuring 5 GW of energy storage by 2030. A draft request for proposals (RFP) for 1.5 ...



Company hopes Boston gets a charge out of its plans for a large ...

Jun 11, 2024 · A Colorado company that builds industrial-sized battery systems for use in electrical grids says it will soon file plans to build a two-story "battery energy storage system" ...

Flatiron Battery Energy Storage Project Initiates ...

Sep 30, 2024 · The 200-megawatt battery energy storage facility initiated a City of Boston Article 80 review. VHB is leading the review process for the project.



ESS

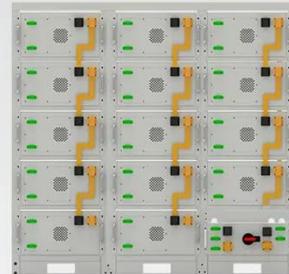


Top 10: Energy Storage Projects , Energy Magazine

Jun 5, 2024 · A large lithium-ion battery storage project that contributes to grid stability and supports the integration of renewable energy, Leighton Buzzard ...

Flatiron Energy Secures Approval for 300-MW Battery Project

Jan 14, 2025 · Flatiron Energy has received approval from ISO New England for a 300-MW/1,200-MWh battery energy storage system in Boston, Massachusetts. The authorization includes the ...



Battery String-S224

- 1C Charge/Discharge
- Easy configuration and maintenance
- Power supply can be single battery string or parallel battery strings

Massachusetts Advances Clean Energy With New ...

Nov 21, 2024 · Massachusetts' new law simplifies permitting for battery energy storage systems, focusing on equity,

environmental justice, and streamlined

...



Enel-X-UMass- Boston-9.24.19_FINAL

May 22, 2024 · Enel X and UMass Boston will share in the economic benefits that are set to be created through the project's enrollment in the MA SMART Feed-in-Tariff, local utility peak ...



Battery Storage Project Planned on Brighton's ...

Jun 11, 2024 · A clean energy startup is eyeing a Brighton industrial property just south of the Massachusetts Turnpike for construction of a battery storage facility.

Flatiron Energy wins approval for 300-MW ...

Jan 13, 2025 · ISO New England has given the thumbs up to a project proposed by Flatiron Energy and envisaging the installation of a

300-MW/1,200-MWh ...



'Lite Brite' Energy Storage Proposed in Brighton

Sep 11, 2024 · The "Project Lite Brite" at 35 Electric Ave. is located next to an Eversource substation, and will be designed to store excess energy from renewable sources such as ...

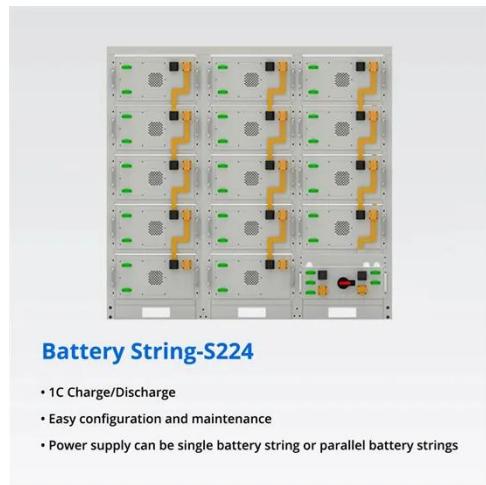
'First-in-kind' Massachusetts program to ...

May 2, 2024 · Lightshift Energy and MMWEC deploy "first-of-its-kind" program for grid-scale battery energy storage in Massachusetts. (Pictured: Lightshift ...



ESA unveils 300 MW of battery storage projects ...

Feb 10, 2025 · US solar and energy storage development platform ESA Solar Energy on Monday unveiled plans for two battery energy storage projects in ...



Energy Storage in Wendell, MA -- New Leaf ...

Jan 27, 2023 · The Wendell Energy Storage Project has been in development since 2020 and is oriented to help the community and Commonwealth ...



Massachusetts, New England States Selected to ...

Aug 6, 2024 · States selected to receive highly competitive funds from the U.S. Department of Energy's Grid Innovation Program for transmission upgrades in ...

New England's Largest Battery Is Hidden Inside ...

Dec 2, 2016 · Part of a series on new energy storage solutions being developed in Massachusetts. It was Boston-born Ben Franklin who first used

the term ...



Medway Grid Battery Project

Jun 30, 2023 · Project Description
Medway Grid proposes to construct a 250 MW/500 MWh battery energy storage system and a new electric substation ...

Massachusetts Bets Big on 5,000 MW of Energy ...

May 30, 2025 · Massachusetts has passed a bold energy storage mandate. It requires investor-owned utilities to secure 5,000 megawatts (MW) of storage

...



Hecate Energy in permitting for 1.2GWh

Sep 25, 2024 · The application revealed that Hecate Energy's Ward Hill BESS project - located at 1160 Boston Road, Haverhill, Essex County, Massachusetts -

will have a capacity of ...



Energy Storage: An Overview of PV+BESS, its ...

Jan 18, 2022 · Battery energy storage can be connected to new and existing solar via DC coupling. Battery energy storage connects to DC-DC converter. DC-DC converter and solar are ...



Massachusetts' clean peak incentive puts battery storage project ...

Sep 11, 2023 · A battery storage development is replacing a fossil-fuel-burning power plant in western Massachusetts, providing a model that supporters say could be emulated elsewhere. ...

Fears Over Safety of Energy Facility in Brighton ...

Apr 1, 2025 · Boston's first Battery Energy Storage System, proposed for construction in Brighton at 35 Electric

Ave., has generated a wave of resident

...



It's a BESS! ISO New England welcomes first ...

Jun 13, 2024 · A rendering of the Cranberry Point Energy Storage project (Credit: Plus Power) Plus Power has announced the close of construction and term ...

How a unique partnership is enabling battery ...

Nov 21, 2024 · Through a novel partnership, Lightshift Energy is deploying battery energy storage systems in municipal utility territories in Massachusetts.

50KW modular power converter



-  **Flexible Configuration**
 - Modular Design, Expanding as Required
 - Small/Light, Wall Mounted
 - Installed in Parallel for Expansion
-  **Powerful Function**
 - Support PV+ESS
 - Grid Support, Equipped with SVG
 - On-Grid and Off-Grid Operation
-  **Reliable Protection**
 - Outdoor IP65 Design
 - Sufficient Protection Functions Equipped

Planning Board Approves Site Plan for Battery Storage Facility

Oct 3, 2024 · The company has offices in Boston, New York City, and Boulder, Colorado and is currently developing energy storage systems in the Greater

Boston, Connecticut, and New ...



Massachusetts Water Resource Authority adding ...

Jan 15, 2021 · Stem, Inc. has been awarded a project mandate to provide energy storage solutions to the Massachusetts Water Resources Authority (MWRA) in ...



ZBA okays approvals for battery storage facility

Oct 17, 2024 · Flatiron has offices in Boston, New York City, and Boulder, Colorado and is currently developing energy storage systems in the Greater Boston, Connecticut, and New ...

Savion

3 days ago · Savion delivers utility-scale solar and energy storage project development. Advancing photovoltaic energy to decarbonize the grid and ...



Councilors to look into large battery storage systems ...

Oct 9, 2024 · The City Council agreed today to look into the environmental and safety issues related to plans for at least two industrial-sized electricity-storage plants, one on the aptly ...

'Lite Brite' Energy Storage Proposed in Brighton

Sep 11, 2024 · The proposal requires large project approval under Article 80 of the Boston zoning code, and a height variance from the Zoning Board of Appeal. The 50-foot height reflects 25 ...



'First-in-kind' Massachusetts program to ...

May 2, 2024 · The Massachusetts Municipal Wholesale Electric Company (MMWEC), the Commonwealth's designated joint action agency for

municipal ...



Jupiter Power unveils plan for 700MW BESS at

Jun 18, 2024 · A Jupiter Power BESS project in West Texas, US. Image: Jupiter Power. Utility-scale battery storage developer Jupiter Power has unveiled ...



It's a BESS! ISO New England welcomes first ...

Jun 13, 2024 · Cranberry Point and Cross Town are the largest battery energy storage projects in construction with planned operations in New England and ...

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