



Kingston underground energy storage project





Overview

What is New York's energy storage goal?

New York's Climate Leadership and Community Protection Act (Climate Act) codified a goal of 1,500 MW of energy storage by 2025 and 3,000 MW by 2030. In June 2024, New York's Public Service Commission expanded the goal to 6,000 MW by 2030.

Are energy storage projects safe in New York State?

New York State has some of the most rigorous safety standards for energy storage projects in the country, reinforced by independent nationally recognized experts to ensure full compliance.

What is New York state's energy storage plan?

New York State aims to reach 1,500 MW of energy storage by 2025 and 6,000 MW by 2030. Energy storage is essential for creating a cleaner, more efficient, and resilient electric grid. Additionally, these projects will provide meaningful benefits to Disadvantaged Communities and Low-to-Moderate Income New Yorkers.



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[Welcome to the City of Kingston, NY](#)

The town of Rondout, New York, now a part of the city of Kingston, became an important freight hub for the transportation of coal from Honesdale, Pennsylvania to New York City through the ...

[Overview of Large-Scale Underground Energy Storage Technologies for](#)

One way to ensure large-scale energy storage is to use the storage capacity in underground reservoirs, since geological formations have the potential to store large volumes ...



[Top 7 Compressed Air Energy Storage startups 2026](#)

Hydrostor is a creator of Advanced Compressed Air Energy Storage (A-CAES) - long-duration, emission-free, economical energy ...

[Ulster GOP lawmakers oppose Terra-Gen battery storage facility ...](#)

KINGSTON, N.Y. -- In what is likely to be their last act of the year, the county Legislature's Republican lawmakers again went on the record in opposition to the proposed Terra-Gen ...



Energy Storage

Energy storage can help leverage these existing assets while helping to enable more renewables to ensure clean, reliable and affordable ...

[TVA issues call for a 100-megawatt Battery Energy Storage System](#)

The Tennessee Valley Authority (TVA) is calling on the nation's premier Battery Energy Storage System (BESS) developers to submit proposals for a 100-megawatt BESS at ...



[What is the Kingston Energy Complex? What ...](#)

The Kingston Energy Complex was announced in April 2024 to be the successor of the Kingston Fossil Plant, which is the current coal ...

Projects



This flagship project proved that generating hydrogen from renewable energy and storing underground enables a secure, sustainable and climate-friendly energy supply chain.



[Energy Storage News , Today's latest by ...](#)

Latest news on energy storage projects, BESS, capacity expansion, and regulatory updates across Europe, US & Canada, Latin ...

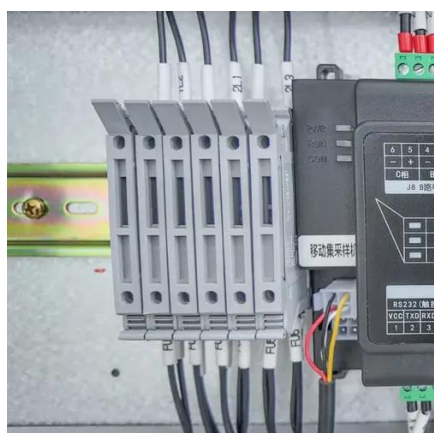
[TC Energy's Pumped Storage Project moving to final evaluation](#)

Proposed for development by TC Energy and its prospective partner Saugeen Ojibway Nation, Ontario Pumped Storage would be Ontario's largest energy storage project, ...



[Energy Storage Program](#)

Energy storage is essential to a resilient grid and clean energy system. Learn about the types of energy storage, available incentives, and more.



[What is an underground energy storage project?](#)



Underground energy storage projects, therefore, hold immense potential for transforming energy systems globally. By leveraging ...

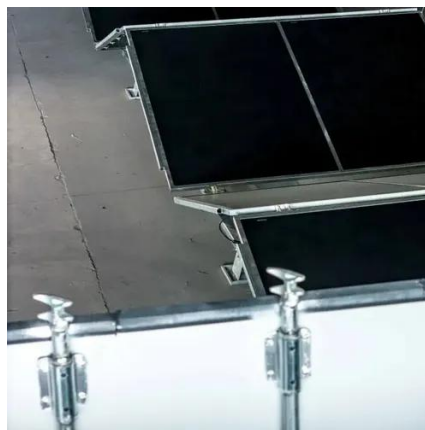


[Statewide Energy Storage Projects](#)

Based on interconnection data and data collected by NYSERDA's Retail and Bulk Energy Storage incentive programs, this map represents the installed energy storage capacity, number of ...

[Tennessee utilities issue RFPs to increase solar ...](#)

Two electric utilities in the US state of Tennessee are launching RFPs for new solar and storage projects.



[New Lithium-ion Battery Plant High School Kingston New York](#)

The site, which was once home to John A Coleman Catholic High School in Hurley, NY, has been selected as a possible location for a massive lithium-ion battery plant ...



[Upstate Update: Terra-Gen Proposes Battery ...](#)



The project site is .78 acres located in the heart of Kingston's Mid-Town District, just steps away from the UPAC (Ulster Performing Arts ...



[Upstate Update: Terra-Gen Proposes Battery Energy Storage ...](#)

The project site is .78 acres located in the heart of Kingston's Mid-Town District, just steps away from the UPAC (Ulster Performing Arts Center). Baxter DevCo, in consultation with ...



[TVA Requests Proposals for Battery Storage at ...](#)

TVA issues Request for Proposals for a new utility-scale 100-megawatt battery storage system for its Kingston Energy Complex



[Opposition to massive lithium-ion battery plant ...](#)

The project, proposed by renewable energy company Terra-Gen, would be able to power up to 250,000 homes and businesses for up ...



[New Lithium-ion Battery Plant High School ...](#)



The site, which was once home to John A Coleman Catholic High School in Hurley, NY, has been selected as a possible location for a ...



[Massive underground air-battery project lands ...](#)

An artist's rendering of Hydrostor's Willow Rock advanced compressed-air energy-storage project in California's eastern Kern ...



[Kingston Underground Energy Storage Project](#)

As an active participant in Ontario's energy transition, Utilities Kingston is supporting a long-duration energy storage project that would store electricity to be used in meeting peak demand.



[Opposition to massive lithium-ion battery plant near Kingston ...](#)

The project, proposed by renewable energy company Terra-Gen, would be able to power up to 250,000 homes and businesses for up to four hours at a time. It would store ...



[Napanee Battery Energy Storage System Frequently Asked ...](#)



Napanee Battery Energy Storage System - Frequently Asked Questions Below are some frequently asked questions and answers about the Napanee Battery Energy Storage System ...



[TVA Seeks Proposals for Battery Storage System at Kingston Energy](#)

The Tennessee Valley Authority on March 7 said it is calling on the nation's premier Battery Energy Storage System developers to submit proposals for a 100-megawatt BESS ...



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What is utilities Kingston doing to support Ontario's Energy Transition? As an active participant in Ontario's energy transition, Utilities Kingston is supporting a long-duration energy storage ...



[Attachment A Project Description](#)

The local grid will need fast-responding, flexible solutions like battery energy storage to accommodate these changes. KCE NY 31 will respond to intermittent grid fluctuations to ...



[TC Energy's Pumped Storage Project moving to ...](#)



Proposed for development by TC Energy and its prospective partner Saugeen Ojibway Nation, Ontario Pumped Storage would be ...



[Kidston Pumped Storage Hydro Project, ...](#)

Construction of the Kidston Pumped Storage Hydro Project is expected to be completed in the fourth quarter (Q4) of 2024.



Projects

Solar-generated hydrogen was successfully stored in a depleted Austrian gas field. This flagship project proved that generating hydrogen from ...



[Napanee Battery Energy Storage System \(BESS\) Project, Public ...](#)

The proposed project can help address the supply gap, providing a cost-effective and timely solution to secure operational flexibility in the Ontario electricity grid





Contact Us

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