



# Con Edison energy storage project

What is CECONY's new battery storage project?

In 2019, CECONY commissioned its first utility-owned storage project, a lithium-ion phosphate battery designed for 2 MW / 10 megawatt hours (MWh) in Ozone Park, Queens. The facility is being used to meet peak local demand and reliability needs.

How much electricity does Con Edison use?

Con Edison's system is rated at 7-megawatts/30-megawatt hours, which is enough electricity to charge 1.5 million cellphones. The system will not only be used to support reliability but also to sell services into the state's wholesale energy market, generating revenue that will benefit customers.

How many energy storage systems were interconnected in 2022?

Through 2022, CECONY interconnected a total of 446 distribution-connected customer energy storage systems, totaling 24.6 MW of capacity, and O&R also interconnected 403 total projects for a total of 19.1 MW. Of the 403 O&R projects, 397 were behind-the-meter residential energy storage systems, totaling 3.6 MW of capacity.

How many MW of energy storage has CECONY installed in 2022?

CECONY's NWS portfolios have installed more than 4 MW of energy storage as of 2022, and have additional energy storage systems under contract for commercial operation in 2023 and 2024.

Why is Con Edison doing a biodiversity project?

To be consistent with its dedication to the environment, Con Edison is implementing a biodiversity project. The company has a biodiversity strategic action plan and has started rewilding initiatives at its Eastview Service Center and Rye Service Center.

Does CECONY support third-party energy storage?

At CECONY, NWS are supporting and incentivizing third-party owned and operated energy storage for local demand relief.

That act also calls for the deployment of 3,000 MW of energy storage by that date to support decarbonisation and increased efficiency and reliability in the power system. Con Edison claimed that large procurements like the one pertaining to the 400 MWh East River project "make it more economical for storage to enter the market".

(Credit: Con Edison) The largest battery system in New York City has been deployed into service by Con Edison, improving the area's energy storage solutions and enhancing energy resilience. ... The company will "seed an area of land that was torn up from the storage project" and create a native habitat with milkweed and other plant life ...



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Agilitas Energy, an integrated developer, builder, owner, and operator of distributed energy storage and solar photovoltaic (PV) systems in the northeastern U.S., announced it has completed construction of the largest standalone, non-wires solution (NWS) energy storage system (ESS) in Con Edison's New York City and Westchester County service area.

Con Edison. Under the demonstration project, GI Energy and Con Edison choose customer locations where the utility's analysis shows the electrical grid needs support. When Con Edison is not using the energy storage unit for ...

Agilitas Energy has a 10-year contract with Con Edison to discharge up to four hours of stored energy during its peak demand period from May 1 through September 30. Con ...

Image: Con Edison. Con Edison has inaugurated the largest battery storage project to date within New York City, making a tiny dent in delivering the US utility's state-determined commitment to energy storage. The ...

Con Edison is enabling distribution-connected energy storage on several fronts, including pairing the systems with other distributed energy resources (DER) and critical loads. The goal for each project is to increase the reliability and the resilience of the local network while proving a positive business case.

informed decisions when examining the feasibility of an energy storage project . While the standard billing option is a conventional monthly rate, customers can opt into delivery options such as a . time-of-day rate, 1. a conventional standby rate, or Con Edison's Rider Q. 2. as an alternative standby rate . Standby rates

Con Edison has solidified its status as an industry leader in providing safe and reliable energy to customers while protecting the environment and fostering a more diverse and inclusive workforce. With our Clean Energy Commitment and all-in support for solar and wind projects and electric vehicles, we're showing a way forward for the ...

Upcoming Projects Idlewild, Queens. Our next project will start Spring 2025 and run through summer 2028. We will be constructing an indoor, storm hardened 138kV transmission substation which will allow additional Points of Interconnection (POI) for energy storage and future clean energy projects and establish a 27kV Distribution Area Substation.

The Astoria project is the result of a request for proposals that Con Edison issued in 2019. In April, O& R began operating its first battery energy storage project, a 3-megawatt battery storage array in Rockland County, marking a significant milestone in the growth of energy storage capacity in New York's Hudson Valley.

The project falls under Con Edison's Non-Wires Solutions procurement programme which aims to expand the utility's energy storage, solar energy and flexible energy procurement. The project is expected to help New



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York achieve its goal of deploying 3,000MW of energy storage capacity by 2030 and to achieve a net-zero electricity system by 2040.

Con Edison's initiatives to procure more energy storage projects complement New York State's public policy goals to generate 100% electricity from zero-carbon resources by 2040 and reduce ...

Purchases One of the Largest Battery Projects in Texas from Con Edison Development. ... including battery and solar project development, energy storage offtake, and renewables power trading.

Con Edison. Under the demonstration project, GI Energy and Con Edison choose customer locations where the utility's analysis shows the electrical grid needs support. When Con Edison is not using the energy storage unit for grid support, GI Energy plans to dispatch power into the wholesale market.

Eligible battery energy storage systems must be between 50-5,000 kW in rated capacity and can be installed as grid connected or load following at the facilities of Con Edison customers in good standing. Incentive funds are subject to the remaining capacity available for new projects and will be capped by system configuration.

Under a demonstration project, Con Edison and GI Energy have placed a 1-MW storage unit at a customer site on the North Shore of Staten Island to help keep service reliable. Con Edison worked with Enel X to install a 4.8-MW battery system - currently the largest in New York City - at the Gateway Center shopping center in Brooklyn's East New ...

According to industry media reports, the battery energy storage system deployed in California also includes a portfolio of three energy storage projects with a total energy storage capacity of 2.1GWh being deployed by Southern California Edison, as well as a supporting deployment in solar farms by the Central Coast Community Energy Company ...

NYCIDA closed its largest battery energy storage project to date, the East River Energy Storage Project, located on an industrial site on the East River in Astoria, Queens. ...

Con Edison and Orange & Rockland are pleased to announce to stakeholders our intent to release a Utility Dispatch Rights (UDR) request for proposal (RFP) in the fourth quarter of 2024, for transmission and distribution connected storage systems, that will begin commercial operation by the end of 2030.

Con Edison continues to implement energy storage demonstration projects to test new storage business models. Con Edison is advancing its Storage on Demand demonstration, a 1.5MW / 4 MWh mobile storage model that will deploy via three separate 500kW / 1.34 MWh mobile storage trailers to areas of grid need - in locations that may have otherwise ...

"The Reliable Clean City - Idlewild Project represents a major milestone in our strategy to create a clean energy future where every New Yorker can share in the benefits of a reliable, climate-resilient grid, said Tim



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Cawley, Con Edison's chairman and chief executive.. "We're proud to break ground on this project that will enable the electrification for downtown ...

Battery Storage. Westchester customers lead the region with 559 of the 619 battery storage projects with the capacity to store 14 MW. In total, Con Edison customers installed 46.8 MW of storage capacity. Con Edison has also installed 9.5 MW of utility-owned storage for a total storage capacity of 55.3 MW.

New York utility Con Edison has signed its biggest energy storage contract to date, a 100-megawatt/400-megawatt-hour lithium-ion battery project that will help balance a grid ...

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