



# New York state plans energy storage

Will New York expand energy storage?

Expanding the State's energy storage goal is expected to have an average electricity bill impact for New York customers of less than half a percent, or approximately \$0.46 per month. The Roadmap is available for public comment on the Department of Public Service's website, with a subsequent decision-making expected in 2023.

What is New York state's energy storage goal?

This Order formally expands the State's goal to 6,000 Megawatts of energy storage to be installed by 2030, and authorized funds for NYSEERDA to support 200 Megawatts of new residential-scale solar, 1,500 Megawatts of new commercial and community-scale energy storage, and 3,000 Megawatts of new large-scale storage.

What is New York's energy storage roadmap?

The Roadmap proposed a comprehensive set of recommendations to expand New York's energy storage programs to cost-effectively unlock the rapid growth of renewable energy across the State and bolster grid reliability and customer resilience.

How much energy storage does New York have in 2024?

As of April 1, 2024, New York has awarded about \$200 million to support approximately 396 megawatts of operating energy storage in the state. There are more than 581 megawatts of additional energy storage under contract with the State and moving towards commercial operation.

How many megawatts of energy storage are there in New York?

As of November 2022, New York has awarded over \$500 million to support approximately 130 megawatts of operating energy storage in the state. There are more than 1,300 megawatts of additional energy storage under contract with the State and moving towards commercial operation.

Are energy storage systems regulated in New York?

Energy storage technologies and systems are regulated at the federal, state, and local levels, and must undergo rigorous safety testing to be authorized for installation in New York. You can download NYSEERDA's New York State [PDF] and New York City [PDF] factsheets to learn more about energy storage regulations and safety in your community.

Governor Kathy Hochul today announced a new framework for the State to achieve a nation-leading six gigawatts of energy storage by 2030, which represents at least 20 percent of the peak electricity load of New York ...

A 110MW/440MWh battery storage project in New York has been given the green light by regulators, ahead of the launch of tenders which could create a significant market opportunity in the state. The New York State Public Service Commission (PSC) gave its approval earlier this month for the battery energy storage system



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(BESS) to be built in ...

New York's road map aims for 3 GW of new bulk, or utility-scale, storage to be procured under the state's new competitive Index Storage Credit mechanism and 1.5 GW of ...

New York State's Nation-Leading Climate Plan. New York State's climate agenda calls for an orderly and just transition that creates family-sustaining jobs, continues to foster a green economy across all sectors and ensures that at least 35 percent, with a goal of 40 percent, of the benefits of clean energy investments are directed to ...

Draft Scope for the New York State Energy Plan . September 2024 . The New York State Energy Plan ("Plan") is guided by the provisions of . ... 10 gigawatts of distributed solar by 2030, 6 gigawatts of energy storage by 2030, and 9 gigawatts of offshore wind by 2035. In the coming years, New York State also anticipates major growth in ...

We applaud this joint effort to prevent and mitigate the potential of fire incidents at these energy storage centers." New York State's Nation-Leading Climate Plan. New York State's climate agenda calls for an orderly and just transition that creates family-sustaining jobs, continues to foster a green economy across all sectors and ensures ...

Form Energy announced that it has been awarded a \$12 million grant from the New York State Energy Research and Development Authority (NYSERDA) to accelerate the deployment of a 10 megawatt / 1000 megawatt-hour iron-air battery system in New York State. Expected to come online by 2026, the project will demonstrate the value of multi-day energy ...

New York has awarded about \$200 million to support about 396 MW of operational energy storage assets and has more than 581 MW of additional storage "under contract with the State and moving ...

1,500 MW energy storage target by 2025 and established a 3,000 MW target by 2030. Over \$350 million in New York State incentives have been authorized to accelerate the adoption of energy storage systems in effort of building a self-sustaining industry. Energy storage systems will serve many critical roles to enable New York's clean energy future.

Dive Brief: New York state has released a road map on how it will reach 6 GW of energy storage by 2030, representing at least 20% of peak electricity load.; The state Energy Research and ...

The pilot project will help advance New York State's nation-leading climate and clean energy goals, including Governor Kathy Hochul's recently announced plans for a framework for the State to ...

PSC Takes Step to Advance New York's Energy Storage Roadmap . New York's Roadmap to Deploy 1,500 Megawatts by 2025, Enough . Energy Storage to Provide \$2 Billion in Benefits; Create Up to 30,000 Jobs .



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ALBANY -- The New York State Public Service Commission (Commission) today approved demand response program rules in line with the energy ...

"New York is making bold investments in clean energy, and this US\$16.6 million in awards for projects that harness renewable energy and under-utilised long-duration energy storage solutions will be a game changer for meeting ...

Earlier this month, Governor Hochul announced more than \$5 million is now available for long duration energy storage projects through New York State's Renewable Optimization and Energy Storage ...

"We're proud to bring more clean energy investment to New York and we look forward to delivering the benefits of storage to New York citizens." The four projects are located near the towns of Catskill, Highland, New Windsor and Ulster and will more than double the state's current 62.2 MW of battery storage capacity.

Once completed, the project will be largest battery storage installation in New York City and one of the largest in New York State, and it alone will meet one-fifth of the city's 500MW near-term goal for citywide battery storage capacity, holding enough electricity to supply tens of thousands of New York City households during a peak summer day.

New York originally set a goal to procure 3 GW of energy storage by 2030, but New York Governor Kathy Hochul most recently announced plans to double that goal to reach 6 GW by 2030. In May 2023, Maryland became the 11th and latest state to enact an energy storage target, with a goal to deploy 3 GW of storage capacity by 2033.

The Energy Planning Board released a Draft Scope [PDF] of the New York State Energy Plan for public comment. The public is invited to review and comment on the Draft Scope and other matters they believe the Energy Planning Board should consider and examine during this proceeding by November 25, 2024.

New York State's Nation-Leading Climate Plan. New York State's nation-leading climate agenda calls for an orderly and just transition that creates family-sustaining jobs, continues to foster a green economy across all sectors and ensures that at least 35 percent, with a goal of 40 percent, of the benefits of clean energy investments are ...

distributed, and residential energy storage. Background New York State adopted its first Energy Storage Roadmap in December of 2018. That Roadmap was adopted through a Commission Order<sup>1</sup> which memorialized goals to deploy 1,500 MW of storage by 2025 and 3,000 MW by 2030, authorized new incentive programs to facilitate deployment of distributed

New York proposes 15 safety recommendations for battery energy storage facilities One recommendation includes having qualified people available no more than four hours away from a project site to ...

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New York State's Nation-Leading Climate Plan. New York State's nation-leading climate agenda is the most aggressive climate and clean energy initiative in the nation, calling for an orderly and just transition to clean energy that creates jobs and continues fostering a green economy as New York State recovers from the COVID-19 pandemic.

The new order doubles the energy storage goals set in 2018, increasing the target to 6 GW by 2030. The funding authorizes \$814.6 million in total energy storage funding, ...

The next review of the energy storage program is scheduled to occur in 2023. New York State's Nation-Leading Climate Plan New York State's nation-leading climate agenda is the most aggressive climate and clean energy initiative in the nation, calling for an orderly and just transition to clean energy that creates jobs and

Guides Energy-Related Program and Policy Decision-Making in Public and Private Sectors . August 29, 2024 . Governor Kathy Hochul today announced the kickoff of the State Energy Plan process convening the State Energy Planning Board to update New York's comprehensive roadmap to build a clean, resilient, and affordable energy system for all New ...

fired peaker plants in New York City. The Commission also found that the project fits within New York City's energy goals and policies. The PSC's decision is in line with Governor Hochul's plan to significantly increase battery storage in New York State. On January 5, 2022, Governor Hochul announced in the State of the State plans to ...

2022 Storage Roadmap: Background o In 2018, New York adopted an administrative target of 3,000 megawatts (3 gigawatts/GW) of storage deployment by 2030, which was enshrined into the Climate Law (CLCPA) in 2019. o Programs/funding to support this target were implemented via approval of the 2018 Storage Roadmap.

municipal officials and staff to prepare an action plan, adopt or amend a comprehensive plan to include battery energy storage system planning goals and actions, and develop local laws and/or other regulations to ensure the ... ENERGY CODE: The New York State Energy Conservation Construction Code adopted pursuant to Article 11 of the Energy

2020 New York State Uniform Fire Prevention and Building Code: ... Emergency Management and Response Plans for Battery Energy Storage . ... NY-BEST New York Battery and Energy Storage Technology Consortium. 230 Washington Avenue Extension Suite 101 Albany, NY 12203. P: 518.694.8474.

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