



Will New York achieve a new energy storage goal?

The ambitious new goal will be achievable with state support,said Bill Acker,executive director of the New York Battery and Energy Storage Technology (NY-BEST) consortium,"The work that has been done over the past year has led to an understanding of the need for a greater amount of storage to facilitate a clean energy grid."

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 megawattsof 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.

Will New York State become a major hub for energy storage?

Dr. M. Stanley Whittingham,Distinguished Professor at Binghamton University and Nobel Laureate in Chemistry for his development of lithium-ion batteries,said,"The new Energy Storage Roadmap released today will further bolster New York State as a major hub for the energy storage industry.

Why is energy storage important in New York?

Energy storage plays a critical role in supporting New York's zero-emission electric grid by enabling the integration of large quantities of renewable energy,helping to smooth generation,reduce curtailment,and shift renewable generation to where and when it is needed most.

Can energy storage meet New York's climate goals?

The Roadmap analysis recognizes the critical role for energy storage in meeting New York's climate goalsand enabling an emissions-free electric grid. It proposes to invest an estimated \$1 billion - \$1.7 billion through 2030 to support new programs and funding to deploy large-scale,distributed,and residential energy storage.

How much will New York State invest in energy storage?

It proposes to invest an estimated \$1 billion - \$1.7 billionthrough 2030 to support new programs and funding to deploy large-scale,distributed,and residential energy storage. New York State adopted its first Energy Storage Roadmap in December of 2018.

NEW YORK STATE ENERGY STORAGE BRIGHT FUTURE



More on New York's Clean Energy Transition. Continue reading about local and statewide efforts to advance New York's clean energy economy. New York Leads the U.S. on Community Solar: New York's two gigawatts of community solar provides equitable access to renewable energy for a variety of customers.; New York Schools Are Going Green: Here's how one Upstate New York ???



Governor Kathy Hochul announced the awards at the 2022 Advanced Energy Conference in New York City, Image: Governor Kathy Hochul official Flickr. US\$16.6 million funding has been committed for five long-duration energy storage (LDES) projects in New York by the US state's government.



Bright Power is gathering data on low-carbon multifamily housing to help reduce financing barriers for building decarbonization and affordable, sustainable housing. Energy Storage Low-Carbon Future Housing in New York State: Developing Data-Driven Underwriting Standards.

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"The completion of the Northern New York Energy Storage project marks an important step to reaching New York's energy storage and climate goals."

Earlier this year, New York state released a roadmap to deploy 4.7 GW of additional energy storage projects by 2030. The Empire State is seeking 3 GW of "bulk storage," 1.5 GW of retail



Governor Kathy Hochul today announced over \$5 million is now available for long duration energy storage projects through New York State's Renewable Optimization and Energy Storage Innovation Program. This funding will advance the development and demonstration of scalable innovative long duration energy storage (LDES) solutions that harness



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 ???

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Battery and energy storage technologies are pivotal for U.S. national security, climate goals, and economic resilience. As one of 10 inaugural awardees of the U.S. National Science Foundation's Regional Innovation Engine, the NSF Engines: Upstate New York Energy Storage Engine will support this critical industry at the national level, while driving robust regional impacts.



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



As a New York State resident, you'll be happy to hear that the Empire State's sunshine is strong for solar. New York solar panels and home batteries already create enough electricity to power more than 470,000 homes. ³ What's more, thanks to the costs of rooftop solar panels and battery storage systems at an all-time low, ^{3,4} it could be incredibly cost-effective to team up with a ???

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At Bright State Solar, we're passionate about solar energy, and we want to help you save money on your energy bills. We're a trustworthy company with over 15 years of experience in the industry, and we're proud of our commitment to our core values. We believe in being an example, doing the right thing, having integrity, going the extra mile, helping people, and being ???



In February this year, William Acker, executive director of NY-BEST (New York Battery and Energy Storage Technology), a consortium created in 2010 to position New York State as a global leader in energy storage technology, blogged for Energy.Storage.News to explain how New York's seriousness about the technology promises a bright future.

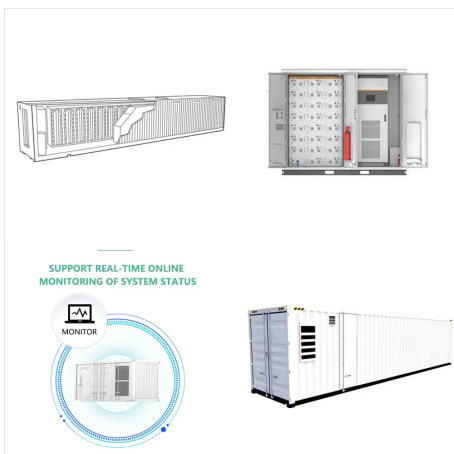


Form Energy announced that it has been awarded a \$12 million grant from the New York State Energy Research and Development Authority (NYSERDA) to accelerate the deployment of a 10 megawatt / 1000 megawatt-hour iron-air battery system in New York State. Expected to come online by 2026, the project will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

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The New York Public Service Commission (PSC) has approved plans to guide the state to its 2030 energy storage policy target, including solicitations for large-scale battery storage. State governor Kathy Hochul announced last week (20 June) that the Energy Storage Roadmap 2.0 devised by staff at the New York Department of Public Service and New



Importantly, the Upstate New York Energy Storage Engine and New Energy New York (NENY) coalition aligns with our goals to connect economic development to workforce development initiatives to ensure we are increasing equity and opportunity in our economy and creating the qualified workforce we need to bring New York into the future.



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 State.

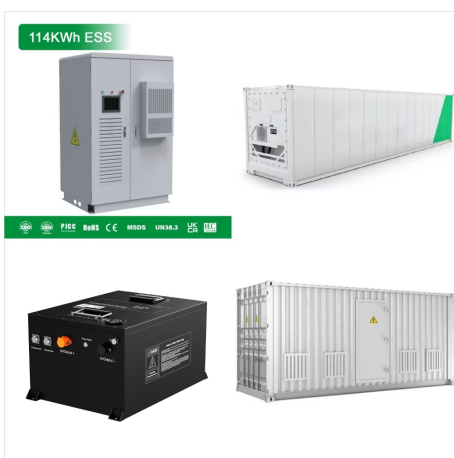
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For instance, there is a coalition called New Energy New York, led by Binghamton University, that is building a world class hub for energy storage innovation and manufacturing in upstate New York. In terms of expertise, we have folks like Professor Stanley Whittingham at Binghamton University who won the 2019 Nobel Prize for his work in lithium

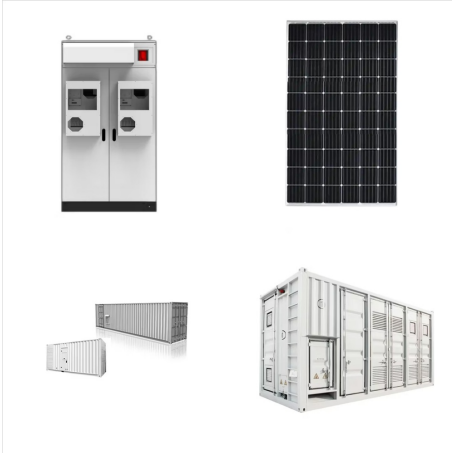


The roadmap kicks off programs toward procuring an additional 4.7 gigawatts of new storage projects across the bulk (large-scale), retail (community, commercial, and industrial), and residential energy storage sectors in New York State. These future procurements, combined with the 1.3 gigawatts of existing energy storage being procured or



to help achieve New York's energy storage goals. "New York's energy storage deployment policy has effectively strengthened the market for developing and installing qualified energy storage systems in New York," said Commission Chair Rory M. Christian. "The development and introduction of energy storage will build flexibility into the

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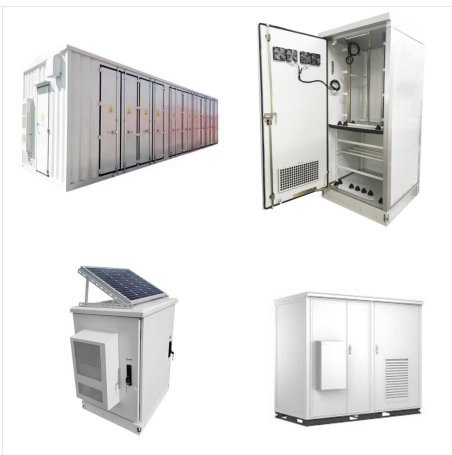


LETTER FROM NYSERDA PRESIDENT AND CEO

1 Other key findings from this year's report: More than 165,000 New Yorkers had clean energy jobs at the end of 2021, up from 157,686 in 2020. New York's clean energy employment grew 5% from 2020 through 2021 ??? gaining over 7,000 jobs in 12 months. Employment met or exceeded pre-pandemic levels in almost all ???



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 a minimum of 35 percent, with a goal of 40 percent, of the benefits of clean energy investments are directed to

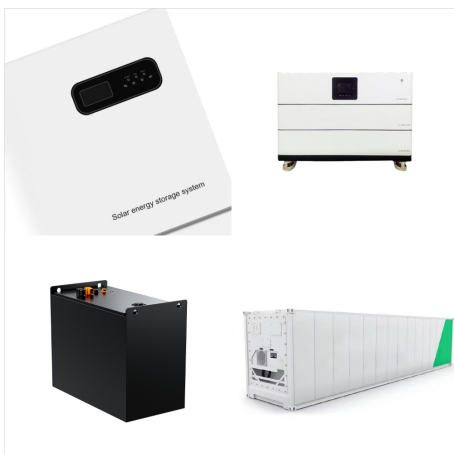


With the governor's bold climate leadership, and with smart and innovative companies that are committed to developing ??? and capable of delivering ??? large-scale renewable energy projects, New York's clean energy future is bright." New York State AFL-CIO President Mario Cilento said, "Today marks a major milestone toward achieving the state

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Uchenna S. Bright . Denise M. Sheehan, recusing .
CASE 18-E-0130 - In the Matter of Energy Storage
Deployment In response, DPS Staff and NYSERDA
filed the "New York State Energy Storage Roadmap
and DPS/NYSERDA Recommendations" (2018
Roadmap) on June 21, 2018, in this proceeding.
future solicitation rounds. 9 5 Energy Storage Order



"This unique installation, to be developed by 174
Power Global with the support of New York City, will
also move the needle on New York State's
commitment to a clean energy future by increasing
storage capacity to make way for additional
renewable resources that will reduce greenhouse
gas emissions and help us meet peak energy
demands.



A zero-emission electricity system will use
renewable energy to power our homes, schools,
places of work, and vehicles. By 2030, New York
will have 10,000 megawatts (MW) of distributed
solar energy across the State. Between rooftop
panels and community solar projects, the benefits of
solar energy are accessible to all New Yorkers.

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We continue to make progress on connecting new renewable resources to the grid. In January of 2023, 27 new wind, solar, energy storage, and transmission expansion projects totaling 7,452 megawatts completed the final interconnection study, or "Class Year" ??? bringing them closer to commercial operation.



It did, however, have two significant features that will have a long-lasting impact on the development of New York state energy policy. The first was the launch of a multi-year effort to design New York's electric Grid of the Future and the second was welcoming of two new commission members, Uchenna Bright and Denise Sheehan.