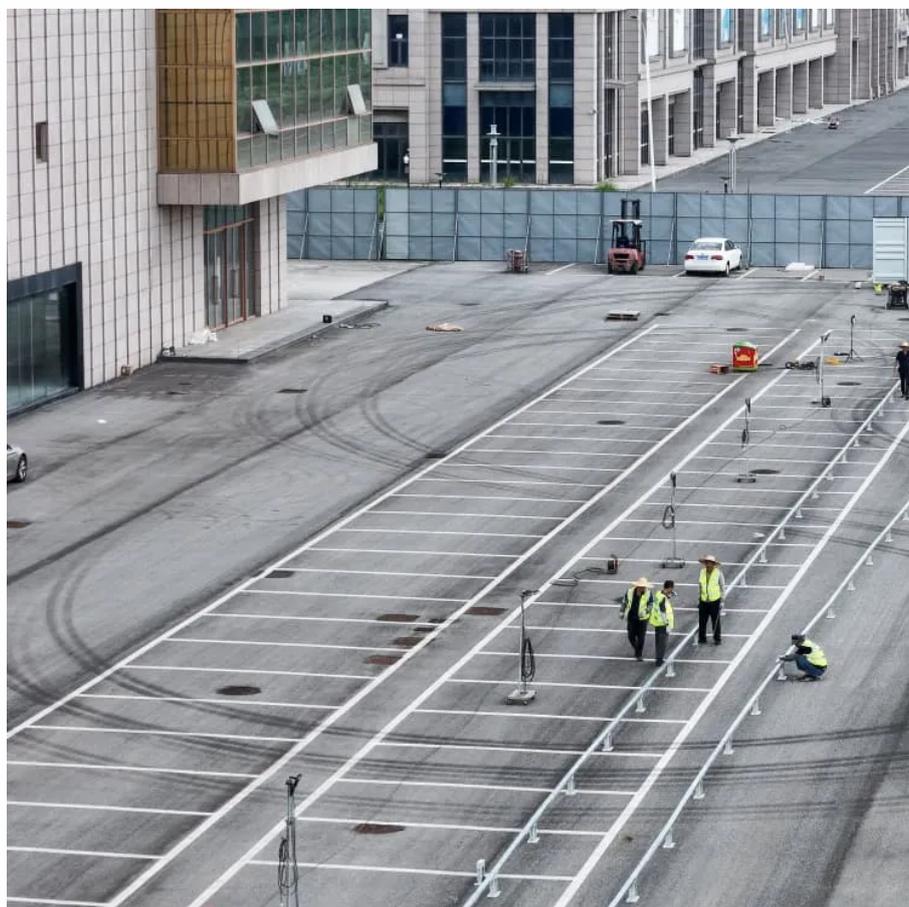




# Energy Bureau s solar energy storage policy





## Overview

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This updated SRM presents a clarified mission and vision, a strategic approach, and a path forward to achieving specific objectives that empower a self-sustaining energy storage ecosystem that develops, delivers, and deploys breakthrough solutions to meet a range of real-world.

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Energy storage systems are an increasingly important component of the U.S. power system. As the grid transitions away from traditional fossil fuels towards intermittent renewable resources, energy storage becomes an important asset for energy management, in order to maintain grid reliability and.

Local Law 181 of 2019 (LL181) requires the City of New York to conduct a feasibility study on the applicability of different types of utility-scale energy storage systems (ESS) on City buildings and to install such systems on those buildings where cost effective.<sup>1</sup> NYC's Department of Citywide.

The Department of Energy's (DOE) Energy Storage Strategy and Roadmap (SRM) represents a significantly expanded strategic revision on the original ESGC 2020 Roadmap. This SRM outlines activities that implement the strategic objectives facilitating safe, beneficial and timely storage deployment;

A US solar industry group has outlined a nine-point policy agenda calling on New York City's incoming mayor to accelerate rooftop solar and battery deployment to address grid reliability risks, energy costs and climate targets. The New York Solar Energy Industries Association has recommended nine.

Energy storage laws govern the rules for storing the energy solar panels generate. Both shape how effectively solar energy supports reliable power. Solar policies include regulations and incentives designed to promote solar power adoption. Key elements involve net metering programs that credit. Does the energy storage strategic plan address new policy actions?



This SRM does not address new policy actions, nor does it specify budgets and resources for future activities. This Energy Storage SRM responds to the Energy Storage Strategic Plan periodic update requirement of the Better Energy Storage Technology (BEST) section of the Energy Policy Act of 2020 (42 U.S.C. § 17232 (b) (5)).

When will energy storage projects be regulated?

The storage industry anticipates this to be passed into law in 2022, and that it will apply to projects that achieved commercial operation after December 31, 2020, reducing the risks and uncertainty in energy storage project economics.

How are battery energy storage resources developed?

The most significant battery energy storage resource development has occurred in states that have adopted some form of incentive for development, including through utility procurements, the adoption of favorable regulations, or the engagement of demonstration projects.

Why are energy storage resources important?

Energy storage resources have become an increasingly important component of the energy mix as traditional fossil fuel baseload energy resources transition to renewable energy sources. Currently 23 states, plus the District of Columbia and Puerto Rico, have 100% clean energy goals in place.



## Energy Bureau s solar energy storage policy



### **PV industry urges New York City to double solar target, add 2 GW of storage**

The New York Solar Energy Industries Association has recommended nine ways for the administration of New York City Mayor-elect Zohran Mamdani to speed solar and storage ...

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### [Energy Storage Targets , State Climate Policy Dashboard](#)

An overview of Energy Storage Targets across 50 U.S. States, with state-by-state policy progress, key resources, and model rules.

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### [Updated Order for Energy Storage Goal, 6/20/2024](#)

In the Roadmap, Staff indicates that New York will need approximately 12 GW of energy storage by 2040 to support a decarbonized and reliable electric system.

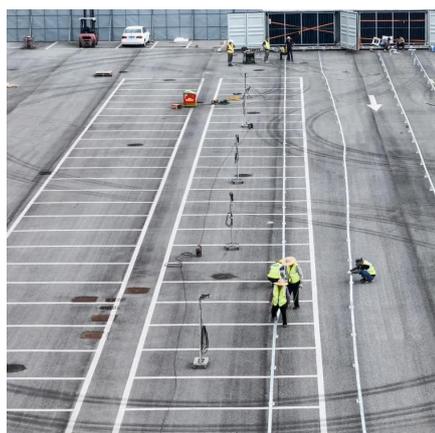
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Below we give an overview of each of these energy storage policy categories. Procurement targets require utilities to acquire a specified quantity of energy storage typically ...



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Grid operators, federal and state policymakers, utilities and other stakeholders are presently working together to create the right economic and market conditions to ensure that energy ...

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-- Today the Solar Energy Industries Association (SEIA) is unveiling a new policy agenda that details the critical actions that local, state, and federal leaders must take to ...

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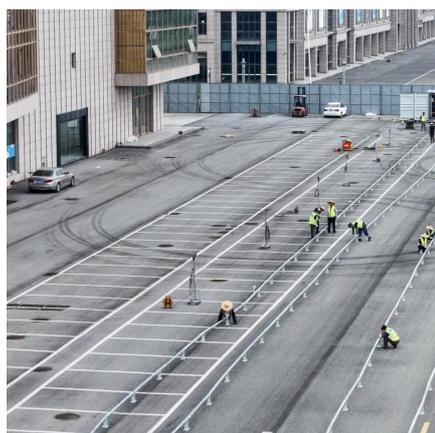
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CEG provides information, technical guidance, policy and regulatory design support, and independent analysis to help break down the barriers to energy storage ...

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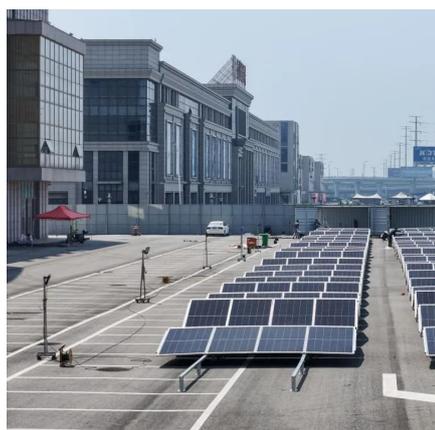
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### [Strategic Guide to Deploying Energy Storage in NYC](#)

Under the Climate Leadership and Community Protection Act (CLCPA) passed in 2019, New York State (the State) established an ambitious goal for energy storage of 3 gigawatts by 2030.

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### [Energy Storage Targets , State Climate Policy ...](#)

An overview of Energy Storage Targets across 50 U.S. States, with state-by-state policy progress, key resources, and model rules.

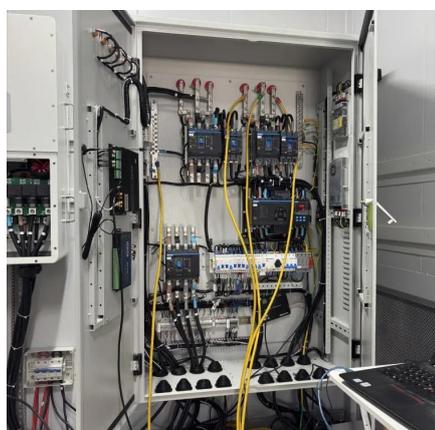
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## **Energy Storage Strategy and**



## Roadmap

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