

# **New policies for energy storage systems**





## Overview

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BEIJING, Sept. 12 -- China on Friday unveiled an action plan to promote the development of new forms of energy storage between 2025 and 2027, amid efforts to support green energy transition and ensure the stability of new-type power systems. The country aims to achieve more than 180 million.

Announced by the National Development and Reform Commission (NDRC) and the National Energy Administration (NEA), the new plan is expected to drive CNY 250 billion (approximately \$35 billion) in sector investment. China aims to add more than 100 GW of new energy storage (primarily battery storage).

China, which already boasts the world's largest energy-storage capacity, is set to nearly double that level by 2027, with an anticipated investment of 250 billion yuan (US\$35 billion), according to Beijing's latest action plan. As outlined in the action plan, China's "new-energy storage system".

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Stepping up efforts to develop new energy storage technologies is critical in driving renewable energy adoption, achieving China's 30/60 carbon goals, and establishing a new power system. In January 2022, the National Development and Reform Commission and the National Energy Administration jointly. What is the implementation plan for the development of new energy storage?



In January 2022, the National Development and Reform Commission and the National Energy Administration jointly issued the Implementation Plan for the Development of New Energy Storage during the 14th Five-Year Plan Period, emphasizing the fundamental role of new energy storage technologies in a new power system.

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)).

What are the different types of energy storage policy?

Approximately 16 states have adopted some form of energy storage policy, which broadly fall into the following categories: procurement targets, regulatory adaption, demonstration programs, financial incentives, and consumer protections. Below we give an overview of each of these energy storage policy categories.

What is a storage policy?

All of the states with a storage policy in place have a renewable portfolio standard or a nonbinding renewable energy goal. Regulatory changes can broaden competitive access to storage such as by updating resource planning requirements or permitting storage through rate proceedings.

Why are energy storage technologies important?

They are also strategically important for international competition. KPMG China and the Electric Transportation & Energy Storage Association of the China Electricity Council ('CEC') released the New Energy Storage Technologies Empower Energy Transition report at the 2023 China International Energy Storage Conference.

What are the application scenarios for energy storage systems?

There is an extensive range of application scenarios for industrial and commercial energy storage systems, including industrial parks, data centers, communication base stations, government buildings, shopping malls and hospitals.



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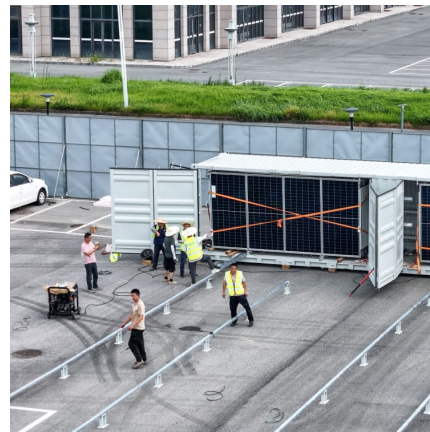


### [New York State Battery Energy Storage System Guidebook](#)

The Battery Energy Storage System Guidebook contains information, tools, and step-by-step instructions to support local governments managing battery energy storage ...

### Interpretation of Solid-State Batteries in the "Action Plan for Large

8 ????· On September 12, 2025, the National Development and Reform Commission (NDRC) and the National Energy Administration issued a notice on the "Action Plan for Large ...



### [Storage Strategies: An Overview of State Energy](#)

...  
In recent years, the United States has enacted significant legislation (the Infrastructure Investment and Jobs Act in 2021 and the Inflation ...



### State by State: A Roadmap Through the Current US Energy Storage Policy

Energy storage resources are becoming an increasingly important component of the energy mix as traditional fossil fuel baseload energy

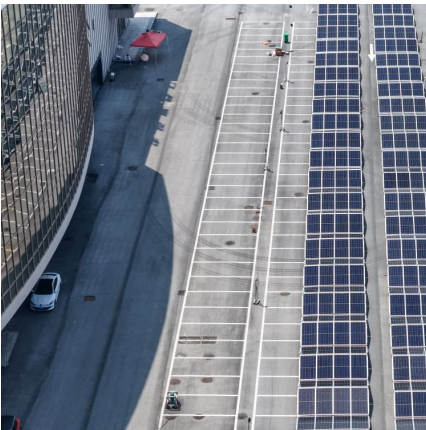


resources transition to renewable ...



### Energy policy regime change and advanced energy storage: A ...

This paper employs a multi-level perspective approach to examine the development of policy frameworks around energy storage technologies. The paper focuses on ...



### [Energy storage important to creating affordable. ...](#)

"The Future of Energy Storage" report is the culmination of a three-year study exploring the long-term outlook and recommendations for ...



### State by State: An Updated Roadmap Through the Current US Energy

Energy storage resources have become an increasingly important component of the energy mix as traditional fossil fuel baseload energy resources transition to renewable ...





### [New energy needs storage systems and stable policies](#)

Energy storage facilities, better transmission infrastructure and stable policies are needed to meet increasing electricity demand. Generating more power from renewable ...



### [China to supercharge energy-storage tech with world ...](#)

2 ???· New plan calls for expansion of energy-storage applications, including more projects in desert areas and at retired coal-fired power plant sites.

### **STATE OF STORAGE IN NEW YORK**

The Commission's energy storage deployment policy has effectively strengthened the market for developing and installing qualified energy storage systems in the State of New York. Total ...



### **Enabling Policies for Promoting Battery Energy Storage in ASEAN**

To reveal the enabling policies of battery energy storage (BES) application for higher renewable energy systems in ASEAN, this policy brief identifies the challenges and opportunities in each ...



### Storage Strategies: An Overview of State Energy Storage Policy

In recent years, the United States has enacted significant legislation (the Infrastructure Investment and Jobs Act in 2021 and the Inflation Reduction Act of 2022) that will ...

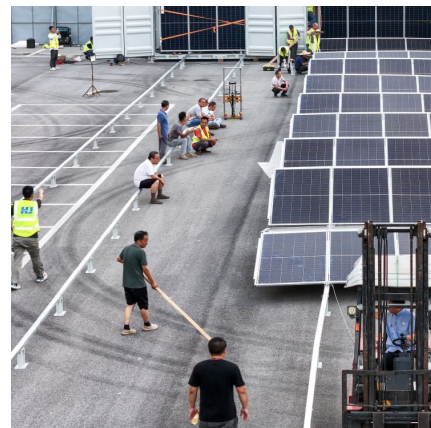


### Motion\_2004

For instance, the CEC implemented a new requirement on January 1, 2023, mandating photovoltaic and energy storage systems for all new and certain retrofit commercial buildings ...

### Energy storage system policies: Way forward and opportunities ...

These policies are mostly concentrated around battery storage system, which is considered to be the fastest growing energy storage technology due to its efficiency, flexibility ...





### [Analysis of energy storage policies in key countries](#)

This marked the start of policy-driven market development for new energy storage in China. At Interact Analysis, we sorted through a variety of policies issued by the central government, ...

### [These are the top five energy technology trends of 2025](#)

Despite US policy pivots, globally things are moving fast and there is a race between countries to establish a technology and manufacturing edge. Global energy ...



### **New England's Largest Utility-Scale Battery Energy Storage System ...**

CARVER, Mass., Sept. 10, 2025 /PRNewswire/ -- Plus Power announced it is now operating its Cranberry Point Energy Storage facility in Carver, Massachusetts, the largest utility-scale ...

## **EXECUTIVE SUMMARY Key Findings**

EXECUTIVE SUMMARY The deployment of battery energy storage systems (BESS) is growing throughout the United States, driven by falling prices and the rise in variable renewable ...



### State by State: A Roadmap Through the Current US Energy ...

The new law requires the Maryland Public Service Commission to establish the Maryland Energy Storage Program by July 1, 2025 and provides for incentives for the ...



### Strategic Guidelines for Battery Energy Storage System ...

The transition towards sustainable energy systems necessitates robust policy and regulatory frameworks to support the deployment of renewable energy microgrids and ...



### [Energy storage policy analysis and suggestions in China](#)

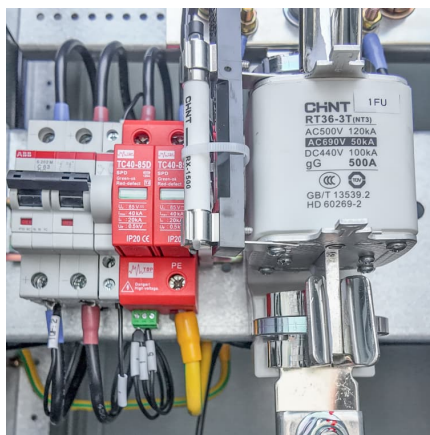
Abstract: Major countries in the world have policies to support the large-scale development of energy storage to promote increase in renewable energy use, improve and optimize existing ...





### **NDRC Issues New Energy Storage Policies: What You Need to ...**

That's where China's National Development and Reform Commission (NDRC) steps in with game-changing new energy storage policies announced this March. These regulations aren't just ...

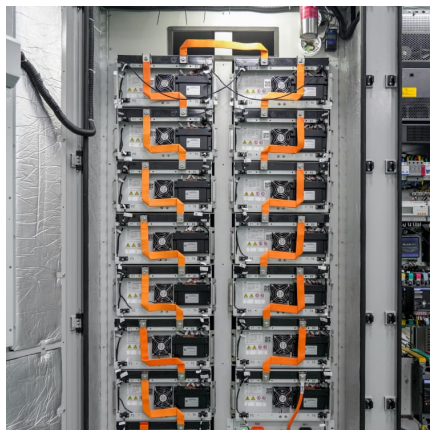


### **China unveils three-year action plan to boost new-type energy ...**

5 ???· China on Friday unveiled an action plan to promote the development of new forms of energy storage between 2025 and 2027, amid efforts to support green energy transition and ...

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### [FEBRUARY 2023 States Energy Storage Policy](#)

The report is based on the idea that dramatic expansion of renewable energy resources is essential to the decarbonization of the US power sector, and that the inherent variability of ...



[Energy Storage Strategy and Roadmap .  
Department ...](#)

The Department of Energy's (DOE) Energy Storage Strategy and Roadmap (SRM) represents a significantly expanded strategic revision on the original ...



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