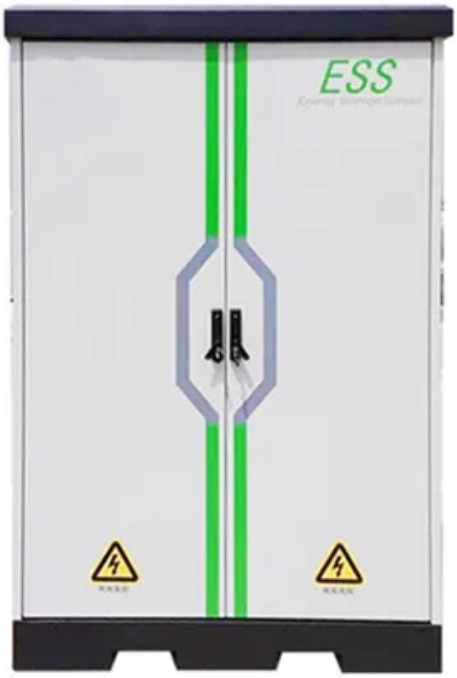
JH Solar

The latest interpretation of us energy storage policy



Overview

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.

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)).

How much energy did US energy storage install in 2024?

Melissa Sue Gerrits via Getty Images U.S. energy storage installations reached 12.3 GW/37.1 GWh in 2024 despite a 20% year-over-year drop in the fourth quarter, Wood Mackenzie and the American Clean Power Association said Wednesday.

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.

What is the US energy storage monitor?

Delivered quarterly, the US Energy Storage Monitor from the American Clean Power Association (ACP) and Wood Mackenzie Power & Renewables provides the clean power industry with exclusive insights through comprehensive

research on energy storage markets, deployments, policies, regulations and financing in the United States.

How many GW of battery storage are there in the United States?

As of 2023, there is approximately 8.8 GW of operational utility-scale battery storage in the United States. The installation of utility-scale storage in the United States has primarily been concentrated in California and Texas due to supportive state policies and significant solar and wind capacity that the storage resources will support.

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[Energy Independence and Security]

How Renewable Energy Innovations Support Energy Independence The U.S. can achieve energy independence and security by using renewable power, improving the energy efficiency of ...

Energy storage policy interpretation 2025

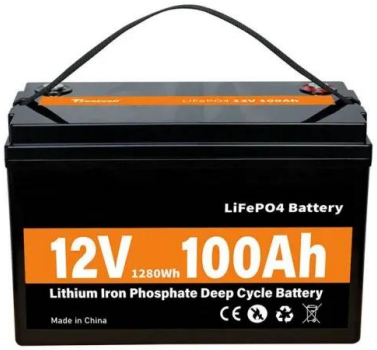
How can energy storage be used in future states? Target future states collaboratively developed as visions for the beneficial use of energy storage. Click on an individual state to explore ...

Analysts warn of looming risks to US battery ...

Clean Energy Associates says it has identified five looming risks to the US battery energy storage industry, as analysts predict significant policy shifts under US President Donald Trump's

[U.S. Energy Storage Monitor , ACP]

The new US Energy Storage Monitor , Q2 2025 was released June 25. More Resources Executive Summary: The executive summary is complementary to ACP members ...



Analysis of China's energy storage industry under the dual ...

Energy storage is one of the important supporting technologies to fulfill the "dual carbon" goal. The development and maturity of the energy storage sector are key to accelerating the ...

U.S. battery storage capacity expected to nearly ...

U.S. battery storage capacity has been growing since 2021 and could increase by 89% by the end of 2024 if developers bring all of the energy storage systems they have planned on line by their intended ...

The impact of the government's new energy storage policy on ...

New energy storage (NES) is a crucial technology for effectively integrating distributed energy sources and achieving a low-carbon transformation in the power sector. Based on the data of ...

Battery Policies and Incentives Search

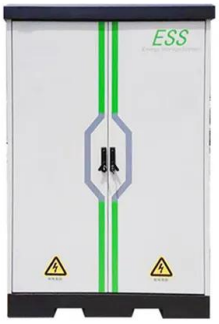
Use this tool to search for policies and incentives related to batteries developed for electric vehicles and stationary energy storage. Find information related to electric vehicle or energy ...

An Overview of Energy Storage Laws and Policies in the US

Energy storage still faces significant challenges to reaching its full potential and these challenges are exacerbated as the time frame to reach widespread commercial use becomes increasingly ...

Strategic Guidelines for Battery Energy Storage ...

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



The story of US energy storage

If all of the energy storage-related requests for proposal (RfPs), site applications, and other utility proposals that were active at the end of 2024 take shape, US utilities will add more than 18.5 GW of energy ...

FEBRUARY 2023 States Energy Storage Policy

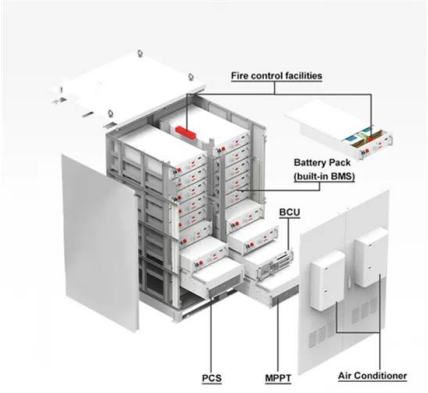
The report is based on the idea that dramatic expansion of renewable energy resources is essential to the decarbonization of the US power sector, and that the inherent variability of ...

How energy storage could solve the growing US power crisis

'The opportunity is clear: with the right policy reforms, revenue mechanisms, and investment frameworks, energy storage can deliver near-term reliability, long-term resilience, ...

SMM Analysis: Perspectives on the Cancellation of Mandatory Energy

This policy aimed to address industry pain points such as inefficient resource allocation, surging cost pressure on new energy enterprises, and the phenomenon of "building ...



The story of US energy storage

If all of the energy storage-related requests for proposal (RfPs), site applications, and other utility proposals that were active at the end of 2024 take shape, US utilities will add ...

US Energy Storage Market to "Sustain Momentum" as Tax Credit ...

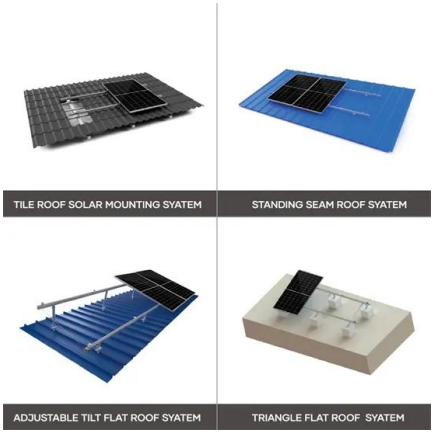
According to policy watchers, the current administration's sustained support for energy storage is driven more by concerns over electric grid stability than by emissions ...

Frontiers , The Development of Energy Storage in China: Policy

3) More policies concerning market mechanism, R& D, and subsidies should be introduced to enhance the effect of energy storage policies and increase public recognition. ...

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

The installation of utility-scale storage in the United States has primarily been concentrated in California and Texas due to supportive state policies and significant solar and ...

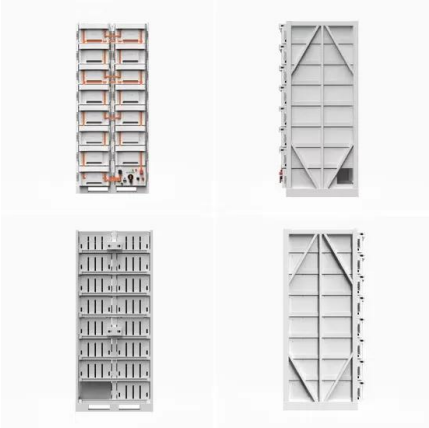


State by State: An Updated Roadmap Through the Current US Energy

[32] New York's 6 GW Energy Storage Roadmap: Policy Options for Continued Growth in Energy Storage, New York State Energy Research and Development Authority (Dec. ...

Investing in American Energy: Continued Progress ...

This report builds on the U.S. Department of Energy's 2023 Investing in American Energy - its first comprehensive assessment of economy-wide impacts of BIL and IRA - with updated modeling that ...

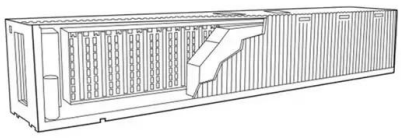


Energy Storage Policy: Observations

The 2023 state survey provides insights into key state energy storage policy priorities and the challenges being encountered by some of the leading decarbonization states.

US energy storage thrives amid political, market uncertainty

The CESA-ESTAP webinar included a discussion of US state-level energy storage policy frameworks and updates to fire code language around energy storage, following ...



Annual Energy Outlook 2025

Introduction The Annual Energy Outlook 2025 (AEO2025) explores potential long-term energy trends in the United States. AEO2025 is published in accordance with Section 205c of the Department of Energy ...

Tariff uncertainty grips US battery development

The Trump administration's China tariffs have piled atop existing and developing trade barriers on battery energy storage systems, components, and materials - destabilizing the US energy storage ...

Energy Independence and Security

How Renewable Energy Innovations Support Energy Independence The U.S. can achieve energy independence and security by using renewable power, improving the energy efficiency of buildings, vehicles, appliances, and ...

SEIA Announces Target of 700 GWh of U.S. Energy Storage by ...

WASHINGTON D.C. -- The Solar Energy Industries Association (SEIA) is unveiling a vision for the future of energy storage in the United States, setting an ambitious ...

U.S. Energy Storage Monitor , ACP

States that have adopted incentives for energy storage development have seen notable progress in battery storage deployment. These states have encouraged growth ...

Trump's 'energy emergency' plans: What we know : NPR

President Trump made energy a top priority on his first day in office, declaring a national emergency - which no president has ever done before. The implications aren't clear.

Special Report: How Will the New US Government ...

Tariff uncertainty has had a particularly damaging impact on the solar industry in the past and there are fears that it could have a similarly destabilising effect on energy storage. Read the full report here.

US adds cumulative 3.8 GW in Q3, residential battery storage ...

The report was released by Wood Mackenzie and the American Clean Power Association (ACP). The United States' grid-scale energy storage market has also set a new ...

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