

JH Solar

Analysis of the u s new energy storage industry policy



Overview

The US Energy Storage Monitor is offered quarterly in two versions – the executive summary and the full report. 1. The executive summary is complimentary to member companies and provides a bird's eye view of the U.S. energy storage market and the trends.

Wood Mackenzie, a Verisk Analytics business, is a trusted source of commercial intelligence for the world's natural resources sector.

The quarterly reports from ACP and Wood Mackenzie are routinely cited by hundreds of media outlets as the authoritative source of energy storage industry data. International, national.

– The U.S. Department of Energy (DOE) today released its draft Energy Storage Strategy and Roadmap (SRM), a plan that provides strategic direction and identifies key opportunities to optimize DOE's investment in future planning of energy storage research, development, demonstration, and deployment.

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The US energy storage market added more than 2 GW across all segments in Q1 2025—the highest Q1 on record—while facing policy uncertainty that could derail momentum in 2026. Delivered quarterly, the US Energy Storage Monitor from the American Clean Power Association (ACP) and Wood Mackenzie Power &.

Each quarter, new industry data is compiled into this report to provide the most comprehensive, timely analysis of energy storage in the US. All forecasts are from Wood Mackenzie Power & Renewables; ACP does not predict future pricing, costs or deployments. Media inquiries should be directed to.

About 15 states have adopted some form of energy storage policy, which in all cases exists along with a renewables policy. Utility procurement mandates,

targets or goals (10 states--CA, OR, NV, VA, NJ, NY, CT, MA, ME, and MD). Requiring storage in utility IRPs is also becoming more common. (NV, NM).

The opportunity is clear: with the right policy reforms, revenue mechanisms, and investment frameworks, energy storage can deliver near-term reliability, long-term resilience, and economic returns. In 2024, energy storage became one of the most dynamic and consequential forces shaping the US energy. 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.

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.

What is the Maryland energy storage program?

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 development of energy storage. Procurement targets are beneficial in that they provide supportive signals for investors and reduce regulatory uncertainty.

What is the new US energy storage monitor Q2 2025?

The report provides industry professionals with actionable and intelligent insights to better inform business decisions. The new US Energy Storage Monitor | Q2 2025 was released June 25. Executive Summary: The executive

summary is complementary to ACP members and the public. Press Release:
Read the press release.

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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Global energy storage market: review and outlook-Industry ...

Global energy storage market The global energy storage market added 175.4 GWh of installed capacity in 2024, with the three major regional markets--China, the ...

ACP Report Calls for Market Reforms to Unlock Full Potential of ...

Titled the Energy Storage Market Reform Roadmap, the analysis outlines actionable steps to enable energy storage systems to enhance grid reliability, support ...



Energy Storage Grand Challenge Energy Storage Market ...

Foreword As part of the U.S. Department of Energy's (DOE's) Energy Storage Grand Challenge (ESGC), DOE intends to synthesize and disseminate best-available energy storage data, ...

US Energy Storage Monitor , Wood Mackenzie

The US energy storage monitor is a quarterly publication of Wood Mackenzie Power &

Renewables and the American Clean Power Association. Each quarter, we gather data on US energy storage deployments, prices, ...

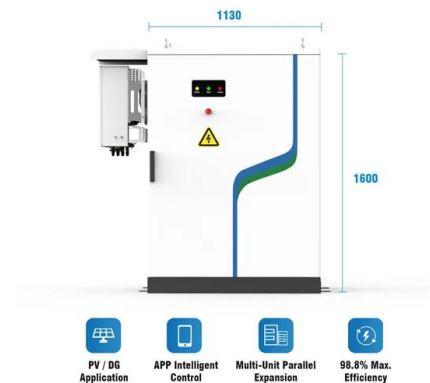


'Deploy, deploy, deploy': Energy Storage ...

Jason Burwen: We see the energy storage industry in the United States at an inflection point in its growth. Realising this vision of 100GW of new storage by 2030 is going to be more likely with the ...

Energy Storage Market Size, Growth, Share & Industry Trends

Energy Storage Market Analysis by Mordor Intelligence The Energy Storage Market size is estimated at USD 295 billion in 2025, and is expected to reach USD 465 billion ...



Peak Energy on energy storage industry after the reconciliation ...

Peak Energy is a US-based sodium-ion battery energy storage system (BESS) startup. Image: Peak Energy Peak Energy president and CCO Cameron Dales speaks with ...

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.



Energy Storage Reports and Data

Energy Storage Reports and Data The following resources provide information on a broad range of storage technologies. General U.S. Department of Energy's Energy Storage Valuation: A ...

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

These countries have the most advanced storage technologies and are constantly undertaking research, development and demonstration (RD&D) projects sponsored ...



100GW in 10 years: US Energy Storage ...

The US national Energy Storage Association (ESA) has adopted a goal for the deployment of 100GW of new energy storage using a range of technologies by 2030, updating a previously set 35GW by 2025 ...

US Grid-Scale Energy Storage Continues Strong Year with ...

The American Clean Power Association (ACP) is the leading voice of today's multi-tech clean energy industry, representing energy storage, wind, utility-scale solar, clean ...



2022 Grid Energy Storage Technology Cost and ...

The Department of Energy's (DOE) Energy Storage Grand Challenge (ESGC) is a comprehensive program to accelerate the development, commercialization, and utilization of next-generation energy storage ...

Analysis of new energy storage policies and business models in ...

Abstract: The development of energy storage technologies is still in its early stages, and a series of policies have been formulated in China and abroad to support energy storage development. ...



US energy storage industry ready to commit US\$100 billion

Clean energy trade body American Clean Power Association (ACP) announced a commitment on behalf of the US energy storage industry to invest US\$100 billion in building ...

State-by-State Overview: Navigating the Contemporary U.S.

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



An Object in Motion: The US Battery Storage Industry Will Keep ...

In this Energy Storage News article, Dan Finn-Foley, CEA's Director of Energy Storage Market Intelligence, looks at the road ahead for the US battery storage industry.

Draft Energy Storage Strategy and Roadmap ...

In December 2020, DOE released the ESGC Roadmap, the Department's first comprehensive energy storage strategy to develop and domestically manufacture energy storage technologies that can meet all U.S. market ...

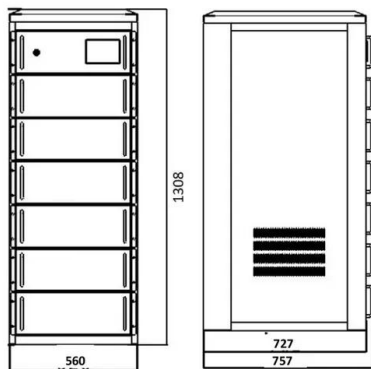


US Energy Storage Market Size & Industry Trends ...

United States Energy Storage Market Analysis by Mordor Intelligence The United States Energy Storage Market size in terms of installed base is expected to grow from 49.52 gigawatt in 2025 to 131.75 ...

State of the U.S. Energy Storage Industry

CESA members--mostly state agencies-- include many of the most innovative, successful, and influential public funders of clean energy initiatives in the country.



Meeting Trump's agenda will cost \$100bn and needs policy

...

The US energy storage industry has pledged to invest \$100bn into building and buying American-made grid-scale batteries by 2030, ensuring low-cost electricity and helping President Donald ...

Energy Storage Market Size, Growth, Share

Energy Storage Market Analysis by Mordor Intelligence The Energy Storage Market size is estimated at USD 295 billion in 2025, and is expected to reach USD 465 billion by 2030, at a CAGR of 9.53% during ...



How energy storage could solve the growing US power crisis

Long-duration storage, essential for a decarbonized grid, needs targeted incentives to encourage deployment beyond two-hour systems. And to unlock financing, the ...

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 ...



A critical-analysis on the development of Energy Storage industry ...

With the combination of Internet, information technology and energy, energy storage industry plays an important role in the adjustment of energy structure with its abundant ...

US Energy Storage Monitor

The US Energy Storage Monitor is a quarterly publication of Wood Mackenzie Power & Renewables and the American Clean Power Association (ACP). Each quarter, new industry ...



US energy storage installations grow 33% year ...

Across all segments, including residential, commercial and industrial, and utility-scale, energy storage had year-over-year deployment growth in 2024. "The energy storage industry has quickly scaled to meet ...

Energy-Storage.News

Subscribe to Newsletter Energy-Storage.news meets the Long Duration Energy Storage Council Editor Andy Colthorpe speaks with Long Duration Energy Storage Council director of markets and technology Gabriel ...



US sees 84% year-on-year rise in Q1 energy

The US energy storage industry saw its highest-ever first-quarter deployment figures in 2024, with 1,265MW/3,152MWh of additions across all market segments. According to the Q2 2024 edition of the US ...

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 ...

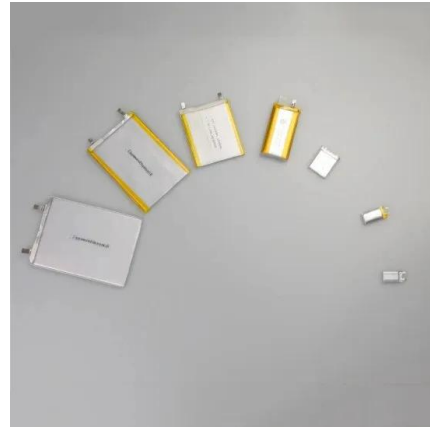


Q& A: How China became the world's leading ...

China's energy storage sector is rapidly expanding. As a solution to balancing the country's growing energy needs and mass renewable energy production, the industry has attracted investments ...

Key findings - State of Energy Policy 2024 - ...

The last four years unleashed a wave of new energy policies that addressed pressing energy security concerns and accelerated the uptake of clean energy. The global economic crunch triggered by the COVID19 pandemic ...



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