

New US Energy Storage Policy





Overview

What are the different types of energy storage policies?

Approximately 17 states have adopted some form of energy storage policies, 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.

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.

Does New York have a bulk energy storage program?

The New York State Energy Research and Development Authority filed with the New York Public Service Commission a proposed bulk energy storage program implementation plan designed to support the state's build-out of storage deployments to meet the stated goal and to reduce projected costs by nearly \$2 billion.

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.

Will changes to federal policy slash future storage growth?

The five-year forecast for utility-scale storage remains solid, but looming changes to federal policy could slash future growth. If proposed changes to the Investment Tax Credit (ITC) in the House's reconciliation bill become law, the total storage buildout over five years could fall 27% below the current base case.



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

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. ...

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US deploys record energy storage in 2024, but Trump policies ...

Uncertainty around the fate of federal clean energy tax credits and tariff policy complicates the five-year outlook for U.S. energy storage, according to the report.

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U.S. developers report half of new electric generating capacity will

Although developers have added natural gas-fired capacity each year since then, other technologies such as wind, solar, and battery storage have become more prevalent ...

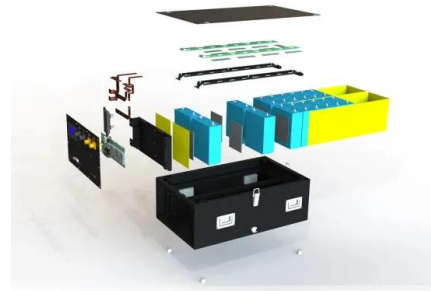
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State-by-State Overview: Navigating the Contemporary U.S. Energy

The Evolving Landscape of Energy Storage Policies in the U.S. Energy storage solutions are increasingly pivotal as the energy sector transitions from traditional fossil fuels to ...



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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 energy ...

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US energy storage market set to grow in 2025 but expansion slows

The US energy storage market is expected to grow further in 2025, with a projected 15 GW of new installations following last year's record 12.3 GW, though uncertainty ...

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US energy storage needs national standards and regulations to ...

The GAO developed several policy options and implementation approaches to help address energy storage's challenges, including establishing road maps, creating a common ...

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[State by State: An Updated Roadmap Through the ...](#)

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

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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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US energy storage market sees record growth in Q1 2025

The U.S. energy storage market added more than 2 GW, according to the new U.S. Energy Storage Monitor by Wood Mackenzie and the American Clean Power Association ...

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SEIA's New Plan for a Stronger U.S. Grid , News , Sol-Ark®

3 days ago· The U.S. energy system is at a turning point, and SEIA's new policy agenda provides a clear path forward. By prioritizing solar and storage, investing in transmission, and reforming ...

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[How energy storage could solve the growing US ...](#)

With these reforms, energy storage can scale to meet the moment: strengthening the grid, lowering costs and securing America's energy future. ...

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US energy storage set a new record in Q1 2025 but ...

US energy storage set a Q1 record in 2025 with 2 GW added, but looming policy changes could put that growth at serious risk.

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US energy storage set a new record in Q1 2025 but the future ...

US energy storage set a Q1 record in 2025 with 2 GW added, but looming policy changes could put that growth at serious risk.

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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 ...

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Growth of Renewable Energy in the US , World Resources Institute

These upward trends signal that clean electricity sources are an increasingly vital part of the U.S. economy and power system, with renewable sources and battery storage making up the vast

...

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U.S. Energy Storage Monitor , ACP

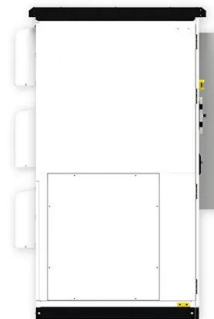
In contrast, the full report features state-by-state breakdowns and analysis on storage deployments, growth forecasts, policies helping or hindering growth, financing trends, ...

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REPORT: Solar and Storage Dominate New Power Additions in ...

4 days ago· Even as the Trump administration rolled out a series of anti-clean energy policies, solar and storage still accounted for 82% of all new power added to the grid in its first six months.

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US energy storage market 'getting used to policy uncertainty'

4 days ago· The US energy storage industry is becoming better equipped to handle the policy uncertainty which has characterised the year so far.

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Special Report: How Will the New US Government Impact Energy Storage

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.

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US deploys record energy storage in 2024, but Trump ...

US deploys record energy storage in 2024, but Trump policies cloud outlook: WoodMac/ACP
Energy storage installations exceeded 12 GW ...

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How energy storage could solve the growing US power crisis

With these reforms, energy storage can scale to meet the moment: strengthening the grid, lowering costs and securing America's energy future. These steps are not optional - they ...

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APPLICATION SCENARIOS



Local opposition, not the new administration, is holding back US energy

Many fear the new administration will introduce new reforms to the battery energy storage system (BESS) market next, scaling back or withdrawing federal tax credits that will ...

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Draft Energy Storage Strategy and Roadmap Update ...

In December 2020, DOE released the ESGC Roadmap, the Department's first comprehensive energy storage strategy to develop and domestically ...

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Researchers develop core technologies for liquid air energy storage ...

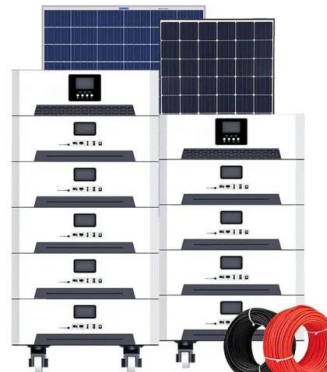
19 hours ago · As renewable energy adoption accelerates, stabilizing the power grid and mitigating output intermittency have become critical. The Korea Institute of Machinery and ...

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US deploys record energy storage in 2024, but Trump ...

Uncertainty around the fate of federal clean energy tax credits and tariff policy complicates the five-year outlook for U.S. energy storage, ...

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Draft Energy Storage Strategy and Roadmap Update Released

In December 2020, DOE released the ESGC Roadmap, the Department's first comprehensive energy storage strategy to develop and domestically manufacture energy storage technologies ...

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Energy Storage , Resources & Insight , American Clean Power ...

Energy storage is a critical part of U.S. infrastructure--keeping the grid reliable, lowering energy costs, minimizing power outages, increasing U.S. energy production, and strengthening ...

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