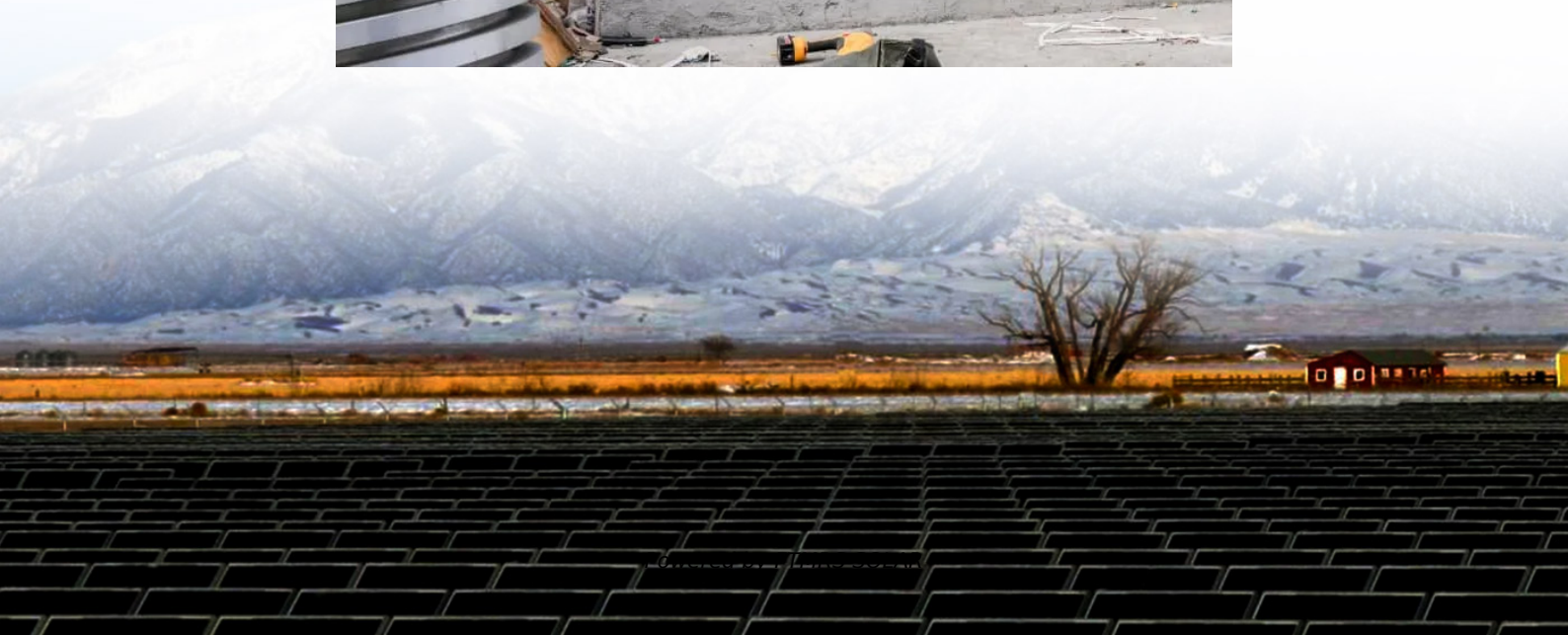


# **New Energy Storage Policy in the United States**





## Overview

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— The Solar Energy Industries Association (SEIA) is unveiling a vision for the future of energy storage in the United States, setting an ambitious target to deploy 10 million distributed storage installations and reach 700 gigawatt-hours (GWh) of total installed storage capacity by 2030. What's new in energy storage policy?

The whitepaper outlines policy recommendations to open markets for storage development, build financial support, grow a domestic storage supply chain, and progress long-duration storage technology. In addition, SEIA is releasing a new 50-state guide to energy storage policies at the state level.

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 is stored in the United States?

According to Wood Mackenzie, there is 83 GWh of installed energy storage capacity in the United States, including nearly 500,000 distributed storage installations. Current forecasts show that U.S. storage capacity is expected to reach 450 GWh by 2030, falling short of the capacity required to support our nation's energy needs.

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.



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Charging Up: The State of Utility-Scale ...

Apr 18, 2025 · This report explores how economic forces, public policy, and market design have shaped the development of stand-alone grid-scale ...

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New Report: Market Reforms to Harness Energy Storage and ...

Apr 8, 2025 · As Clearway continues to harness the power of our existing storage fleet and expand with new investments across the country, we recognize the urgent need for energy ...

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Battery Energy Storage Systems Report

Jan 18, 2025 · This information was prepared as an account of work sponsored by an agency of the U.S. Government. Neither the U.S. Government nor any agency thereof, nor any of their ...

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Solar, battery storage to lead new U.S. generating capacity ...

Battery storage. In 2025, capacity growth from battery storage could set a record as we expect 18.2 GW of utility-scale battery storage to be added to the grid. U.S. battery storage already ...

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US states advance energy storage and grid ...

Jul 29, 2025 · The "50 States of Grid Modernization" quarterly report from NC Clean Energy Technology Center identified policy trends related to US ...

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Energy Storage Targets , State Climate Policy Dashboard

Jul 21, 2025 · 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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State by State: An Updated Roadmap Through the Current US Energy

Mar 7, 2025 · 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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EIA

4 days ago · This battery storage update includes summary data and visualizations on the capacity of large-scale battery storage systems by ...

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New U.S. Legislation Signals Uncertainty Ahead for Energy Storage ...

July 17, 2025 -- Recent legislative changes in the United States are expected to introduce significant complexities for the energy storage sector, as industry stakeholders brace for ...

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### State by State: An Updated Roadmap ...

Mar 7, 2025 · Energy storage resources have become an increasingly important component of the energy mix as traditional fossil fuel baseload ...

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

Mar 28, 2024 · The growth of energy storage procurement is evident in certain regions of the United States and is largely driven by state laws and policy tools. These include setting ...

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### US states advance energy storage and grid reforms in Q2

Jul 29, 2025 · The "50 States of Grid Modernization" quarterly report from NC Clean Energy Technology Center identified policy trends related to US grid modernization across the 2025 ...

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### Policy Recommendations to Unlock the Value of Long ...

Dec 4, 2024 · To help meet this challenge, C2ES has created four distinct technology working groups focused on the technologies of long duration energy storage, engineered carbon ...

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### Energy Storage Targets , State Climate Policy ...

Jul 21, 2025 · 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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### SEIA Announces Target of 700 GWh of U.S. Energy Storage ...

Jan 28, 2025 · 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 ...

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### National Hydropower Association 2021 Pumped Storage ...

May 6, 2025 · Executive Summary This is the third Pumped Storage Report White Paper prepared by the National Hydropower Association's Pumped Storage Development Council ...

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### Executive summary - United States 2024 - ...

5 days ago · Executive summary The United States (US) has put in place significant energy and climate policy reforms designed to put the country ...

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

Jun 26, 2025 · 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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### Analysis of new energy storage policies and business models ...

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. ...

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### US energy storage set a new record in Q1 ...

Jun 26, 2025 · 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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### Policies Drive Grid Scale Storage Deployments in US

Apr 28, 2025 · This is an extract from a recent report "Charging Up: The State of Utility-Scale Electricity Storage in the United States" by Resources for the Future. As the electricity sector ...

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### Energy Storage Strategy and Roadmap , Department of Energy

2 days ago · 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 ...

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### Energy Storage Reports and Data

3 days ago · 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 ...

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

Dec 1, 2025 · New energy storage (NES) is a crucial technology for effectively integrating distributed energy sources and achieving a low-carbon transformation in the power sector. ...

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