

European Solar Energy Storage

Summary of national energy storage policies



Overview

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.

Can state energy storage policies be used in underserved and low-income communities?

The intent is to create a body of reference material that can be used in state energy storage policymaking across diverse geographical and regulatory jurisdictions. The report highlights emerging strategies used by the leading states to advance energy storage adoption in underserved and low-income communities.

Can states achieve positive results from energy storage programs?

While the challenges are daunting, early results from at least some of these

programs show that positive results can be achieved when states adopt a focused and long-term commitment. The report is funded by the U.S. Department of Energy—Office of Electricity, through its Energy Storage Division.

What is Virginia's energy storage goal?

Virginia's target was enacted by law in 2020, which set a 3,100 MW energy storage goal by 2035. A law enacted in 2021 directed the Illinois Commerce Commission to establish storage procurement targets for all utilities serving more than 200,000 customers to achieve by 2032.

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A Review of State-Level Policies on Electrical Energy Storage

This paper presents a taxonomy for classifying and studying state energy storage policies, reviews the research that supports those policies, and considers the impact of state policies on current and future storage deployments.

2025 NATIONAL ENERGY STORAGE POLICY SUMMARY

The backlog of new power generation and energy storage seeking transmission connections across the U.S. grew again in 2023, with nearly 2,600 gigawatts (GW) of generation and storage capacity now actively seeking grid interconnection, according to new research from Lawrence ...



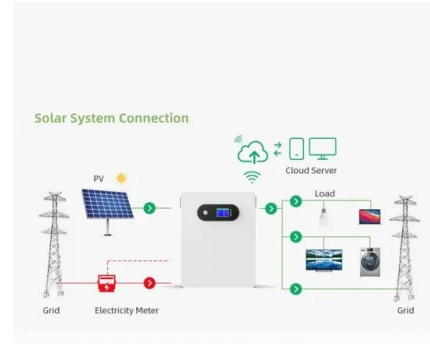
USAID Energy Storage Decision Guide for Policymakers

The purpose of this report is to arm relevant decision makers with the initial layer of information they need to understand energy storage and to make informed policy, regulatory, and investment decisions around grid-connected energy storage.

State by State: A Roadmap

Through the Current US Energy Storage Policy

Storage can play a significant role in achieving these goals by serving as a "non-wires alternative" that can provide added reliability and grid services as renewable resources such as wind and solar replace fossil fuel baseload resources.



2025 National Energy Storage Policy: What You Need to Know Now

The 2025 national energy storage policy affects everyone from EV owners to solar panel enthusiasts. This isn't just government jargon; it's about how we'll keep the lights on in an era of climate chaos.

DOE ESHB Chapter 24 Energy Storage Policy and Analysis

Grid operators, federal and state policymakers, utilities and other stakeholders are presently working together to create the right economic and market conditions to ensure that energy storage continues to play a significant role in the broader decarbonization efforts in the power sector.



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 ESGC 2020 Roadmap.



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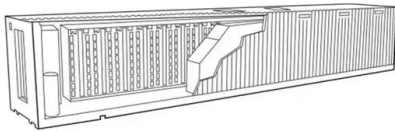
Energy Storage Strategy and Roadmap , Department of Energy

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Bridging the Gap: How Emerging State Policies are Making Energy Storage

This report compiles the results of independent research conducted by the Clean Energy States Alliance (CESA) and Sandia National Laboratories, providing a summary of emerging

affordability and accessibility approaches in leading state energy storage programs.



An Overview of Energy Storage Laws and Policies in the US

This paper will explain the benefits of energy storage and how regulation and policy at the state and federal level can help guarantee a smoother transition towards a future with renewable energy.

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