

# Supporting policies for energy storage development

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 adaptation, 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.

Why is DOE investing in energy storage?

The underlying motivation for DOE's strategic investment in energy storage is to ensure that the American people will have access to energy storage innovations that enable resilient, flexible, affordable, and secure energy systems and supply, for everyone, everywhere.

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.

How much energy storage will Maine have by 2021?

Maine also set its goal in 2021 to achieve 400 MW of installed storage capacity by 2030, with an interim target of 300 MW by 2025. New York originally set a goal to procure 3 GW of energy storage by 2030, but New York Governor Kathy Hochul most recently announced plans to double that goal to reach 6 GW by 2030.

al to promote energy storage integration in industrial parks and businesses. Policy guidance can play a role in this process, focusing on two main areas to facilitate industrial energy storage ...

On December 19, the Government of the Inner Mongolia Autonomous Region issued several policies (2022-2025) supporting the development of new energy storage technologies.

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ABBREVIATIONS Asian Development Bank carbon capture, use, and storage carbon dioxide coronavirus disease battery energy storage system developing member country greenhouse ...

On October 11, 2017, China released its first national-level guiding-policy document covering energy storage. The document, "Guiding Opinions on Promoting Energy Storage Technology ...

The whitepaper outlines policy recommendations to open markets for storage development, build financial support, grow a domestic storage supply chain, and progress long ...

This paper, prepared by Sandia National Laboratories (SNL) and the Clean Energy States Alliance (CESA), identifies and summarizes these existing trends in state energy storage policy ...

Two states have adopted legislation guaranteeing protections to customers who install energy storage. In 2017, Nevada enacted legislation prohibiting customers who own an ...

Energy storage technology plays a significant role in the pursuit of the high-quality development of the electricity market. Many regions in China have issued policies and ...

STORAGE POLICY ASSESSMENT With its innovative and ambitious policies, California is a global leader in the development and application of energy storage technologies. For the last ...

I. Purpose To capitalize on an opportunity for industrial development, integrate resource-relevant advantages, promote innovation in new energy storage technologies and development of new ...

Under the guidance of various policies of the state, provinces, and cities, the new energy storage industry has entered the rapid commercialization phase from the exploration and development ...

Energy storage plays a pivotal role in supporting renewable energy policies by addressing challenges inherent to intermittent energy generation. 1. It enhances grid stability, ...

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 ...

CEG provides information, technical guidance, policy and regulatory design support, and independent analysis to help break down the numerous barriers to energy storage deployment, ...

Policy coordination can effectively integrate the goals and measures of energy policy, and can drive the development of agents within the energy system. In-depth survey and ...

Energy storage technologies have tremendous opportunities to support the grid as it evolves away from

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carbon-intensive resources. LBNL researchers are trying to better understand how ...

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