

Energy storage industry support policies





Overview

The policy agenda calls for reliability-focused policy actions at the local, state and federal level, including supporting development of domestic supply chains, reforming interconnection, scaling energy storage technology, leveraging the benefits of distributed solar and storage, and investing in transmission infrastructure that brings reliable clean energy to every community. 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.

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 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.



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[Smart grid and energy storage: Policy recommendations](#)

The authors support defining energy storage as a distinct asset class within the electric grid system, supported with effective regulatory and financial policies for development ...

[FEBRUARY 2023 States Energy Storage Policy](#)

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 ...



US energy storage industry 'has to continue to be aggressive'

"The industry has to continue to be aggressive," says Luigi Resta, president of renewable energy and energy storage developer rPlus Energies.

[ENERGY STORAGE INDUSTRY RELATED POLICIES](#)

Clean Energy Group provides support to and collaborates with state and federal agencies, policymakers, nonprofit advocates, utilities, regulatory agencies, energy industry experts,



and ...



Energy storage in China: Development progress and business ...

With the proposal of the "carbon peak and neutrality" target, various new energy storage technologies are emerging. The development of energy storage in China is ...

New energy policy and green technology innovation of new energy

In recent years, China's policy focus has shifted to micro fields, considering cities and towns as the main platforms for the development of the new energy industry (NEI). This ...



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As the energy storage industry commits to investing \$100 billion in American-made grid batteries by 2030, Form Energy is excited to play a key ...



Impact of government subsidies on total factor productivity of energy

Based on panel data of Chinese 101 energy storage enterprises from 2007 to 2022, this paper examines the effectiveness of government subsidies in the energy storage ...



SEIA Announces Target of 700 GWh of U.S. Energy Storage by ...

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 ...

[Trump policy risks to battery energy storage industry](#)

On Jan. 20, 2025, Donald Trump will be inaugurated president of the United States and analysts are predicting his administration will make sweeping changes to the clean energy landscape. A ...



Playing The Long Game: Why States Are Turning Their Attention ...

After a decade of lithium-ion procurement, the leading clean energy states are finally turning their attention to long duration energy storage. Although it may still seem like a ...



Clean Power for Industry in China: Policy Enablers for the ...

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 ...



Energy policy regime change and advanced energy storage: A ...

This paper employs a multi-level perspective approach to examine the development of policy frameworks around energy storage technologies. The paper focuses on ...

Support for the energy storage industry

Despite the effect of COVID-19 on the energy storage industry in 2020, internal industry drivers, external policies, carbon neutralization goals, and other positive factors helped maintain rapid, ...





State by State: A Roadmap Through the Current US Energy ...

Consumer Protections Consumer protection policies establish rights for customers who install energy storage. Two states have adopted legislation guaranteeing ...

[Q& A: How China became the world's leading market ...](#)

China's energy storage sector is rapidly expanding. As a solution to balancing the country's growing energy needs and mass renewable ...



China unveils measures to bolster new-type energy storage ...

According to an action plan jointly issued by the Ministry of Industry and Information Technology and seven other government organs, the new-type energy storage ...

[Summary of major policies of energy storage industry](#)

In recent years, the US government has formulated a series of related plans, investment and subsidy policies to support the development of the energy storage industry.



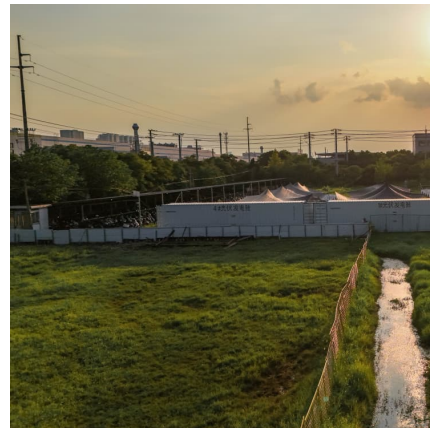
KOREA'S ENERGY STORAGE THE SYNERGY OF PUBLIC...

This report aims to identify and examine the key success factors of Korea's energy storage industry, including government policies, roles of private companies, and global market factors.



A Review of the Development of the Energy Storage ...

Focusing on China's energy storage industry, this paper systematically reviews its development trajectory and current status, examines ...



Energy Storage Enterprise Support Policies: A Global Guide for ...

In 2025, the global energy storage market has ballooned to a \$33 billion industry pumping out 100 gigawatt-hours annually [1]. But here's the kicker: none of this growth would've happened ...



[Energy Storage Legislation Updates in the European ...](#)

Discover the evolving policies and regulations of the European Union and United Kingdom, with both issuing landmark legislation in the ...



[The Turning Tide of Energy Storage: A Global ...](#)

This report comes to you at the turning of the tide for energy storage: after two years of rising prices and supply chain disruptions, the energy storage industry ...

Policy Frameworks Supporting the Growth of Energy Storage ...

However, to realize the full potential of energy storage technologies, robust policy frameworks are essential. This article examines the various policy frameworks that ...



[Trump policy risks to battery energy storage industry](#)

A report from Clean Energy Associates (CEA) highlighted five potential risks to the battery energy storage industry, including risks to EV batteries, grid-scale storage, and ...



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 ...



What policies are there for the energy storage industry?

The energy storage sector is progressing rapidly, fueled by an array of policies designed to support its expansion and integration. With a nuanced understanding of the ...

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