

The country encourages the development of energy storage industry

How will China's new-energy storage industry grow by 2027?

Photo: VCG China has unveiled an action plan to boost full-chain development of the new-energy storage manufacturing industry, aiming to expand leading enterprises by 2027, enhance innovation and competitiveness, and achieve high-end, intelligent and green industry growth.

What is China's new energy storage plan?

The plan said that the new-energy storage industry is a key source of support for advancing the construction of a manufacturing powerhouse and promoting the efficient development and utilization of new-energy resources. By 2027, China aims to cultivate three to five leading enterprises in the ecosystem.

How can China improve the value chain of new-energy storage manufacturing?

To enhance support for the value chain of relevant manufacturing enterprises and foster a service-oriented manufacturing model, China seeks to drive the extensive adoption of next-generation information technologies, including blockchain, big data, artificial intelligence and 5G, within the new-energy storage manufacturing sector, the plan said.

Will China reach 30gw of energy storage by 2025?

The deployment of "new type" energy storage capacity almost quadrupled in 2023 in China, increasing to 31.4GW, up from just 8.7GW in 2022, according to data from the National Energy Administration (NEA). This means that China surpassed its target of reaching 30GW of the "new type" energy storage by 2025 two years earlier than planned.

How many energy storage policies does China have in 2024?

"China has consistently supported the development of critical minerals, and this plan serves as a comprehensive guide for the industry, steering it steadily toward sustainable development," Lin added. China released 770 energy storage-related policies in 2024, with 77 issued at the national level, the Xinhua News Agency reported.

Where does China's storage capacity come from?

The majority of China's storage capacity comes from large-scale storage projects, such as hydropower with reservoirs on the Yangtze River and gigawatt-level battery energy storage systems in Inner Mongolia. Aerial view of the Three Gorges Dam in Hubei province, China. Credit: Sipa US /Alamy Stock Photo

4. Major Challenges and Potential Opportunities Facing the Energy Storage Industry In the new policy environment, the energy storage industry faces both challenges and ...

Carbon Brief explores how China has been driving the energy storage sector forwards and how it fits into the

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nation's wider energy transition.

The Energy Storage Market Report 2025 presents a detailed overview of firmographic trends, innovation intensity, and funding activity of the ...

As the global carbon neutrality process accelerates and energy transition continues, the energy storage industry is experiencing ...

However, despite the renewable energy boom, China's power system still struggles to absorb all of the generation, making energy storage - ...

We can: build stationary energy storage to transition our grid and our region to renewable energy upgrade Australia's battery minerals into active materials for ...

China's energy storage industry is poised for rapid expansion through 2027, fueled by surging market demand and strong government backing. Industry leaders and ...

Energy storage can also help the commercial sector avoid demand charges. Demand charges establish an incremental cost above energy usage based on the highest period (highest 15 ...

Driven by the goal of energy transformation, Spain's energy storage industry is full of potential, with continuous technological innovation and progress. The ...

5 · China plans to more than double its energy storage capacity in the next two years to further accelerate the deployment of renewables.

The transition towards sustainable energy systems necessitates robust policy and regulatory frameworks to support the deployment of ...

Does energy storage have a new stage of development? Just as planned in the Guiding Opinions on Promoting Energy Storage Technology and Industry Development, energy storage has now ...

Hydrogen energy is crucial for building a clean, low-carbon, safe, and efficient modern energy system in China. In this article, we expound on the progress of global hydrogen energy industry ...

"Based on high-quality development, China's energy transition aims to build a clean, low-carbon, safe and efficient energy system. This initiative will provide a strong ...

On April 14, 2025 (local time), Chen Haisheng, Chairman of the China Energy Storage Alliance (CNESA), led a delegation of member companies, including Sungrow, Sunwoda, and ...



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At present, there are nearly 90,000 registered enterprises involved in the energy storage industry, data from the China Industrial Association of Power Sources (CIAPS) ...

Recently, the National Development and Reform Commission and the National Energy Administration issued the "Special Action Plan for Large-scale Construction of New Energy ...

The transition towards sustainable energy systems necessitates robust policy and regulatory frameworks to support the deployment of renewable energy microgrids and ...

Explore the latest trends and developments in China's energy storage industry, focusing on advancements, challenges, and future prospects. Learn how China is positioning ...

5 · China on Friday unveiled an action plan to promote the development of new forms of energy storage between 2025 and 2027, amid efforts to support green energy transition and ...

In 2017, China's national government released the Guiding Opinions on Promoting Energy Storage Technology and Industry Development, the first national-level policy ...

China's encouragement of energy storage is driven by several pivotal factors: 1. Economic growth, integral to sustaining industrial expansion and energy demands; 2. ...

The Program proposes that by 2027, China's new energy storage manufacturing industry will have a prominent international competitive advantage across the entire supply ...

5 · Policy China targets 180 GW of new energy storage by 2027 in ambitious national plan Announced by the National Development and Reform Commission (NDRC) and the National ...

The 2024 Energy Storage Industry Report explores current trends, investments, and tech advancements shaping the global market. This report examines the ...

Global energy storage capacity outlook 2024, by country or state Leading countries or states ranked by energy storage capacity target worldwide in 2024 (in gigawatts)

There has been an urgent need to establish supportive policies and marketing mechanisms that adapt to the development of China's electric power market and energy ...

We will integrate new energy storage ontology technology, support breakthroughs in efficient integration and intelligent regulation technologies, focus on multi ...

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The Energy Storage Market Report 2025 presents a detailed overview of firmographic trends, innovation intensity, and funding activity of the global energy storage ...

Even though several reviews of energy storage technologies have been published, there are still some gaps that need to be filled, including: a) the development of ...

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

China has unveiled plans to boost its energy storage sector as it strives to shore up its energy security and cope with a surge in power demand ...

The China Energy Storage Alliance is the first and only energy storage industry association in China. It is a nonprofit member-based organization that was founded in 2012 as a sub ...

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