

New energy storage is accelerating





Overview

The year 2024 witnessed an unprecedented surge in China's new energy storage sector, a dynamic expansion that redefines the nation's power grid and accelerates its ambitious carbon neutrality goals. Will China develop new energy storage systems between 2025 and 2027?

BEIJING, Sept. 12 -- 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 ensure the stability of new-type power systems.

Why is China moving to a new type of energy storage?

The move is part of China's broader push toward a green, low-carbon energy transition as well as high-quality economic and social development. It builds on significant growth in the sector. As of the end of 2024, the country's installed capacity of new-type energy storage had reached 73.76 million kilowatts, according to official data.

What is the future of energy storage in China?

The new energy storage market in China has great development potential in the future. The cumulative installed capacity of new energy storage in China is expected to exceed 100 gigawatts (GW) by 2025, according to the Energy Storage Industry Research White Paper 2025 released by the Institute of Engineering Thermophysics on 10 April.

What is the new energy storage action plan?

The new action plan, grounded in the nation's dual carbon goals, aims to grow the national new energy storage fleet to 180 GW by 2027. It responds to the urgent need for flexible energy regulation amid rapid renewable energy expansion.



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It is proposed that China should improve and optimize its energy storage policies by increasing financial and tax subsidies, reducing the forced energy storage allocation, accelerating the ...



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Apr 18, 2024 · However, while the installed capacity is growing rapidly, new energy storage is still facing the problem of low utilization rate. There are currently four major revenue models for ...



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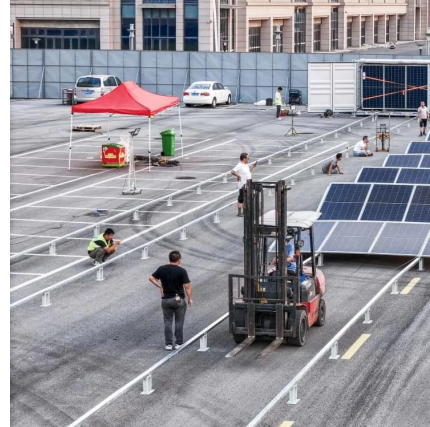
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New Energy Storage: A Key Starting Point for Accelerating ...

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China unveils three-year action plan to boost new-type energy storage

Sep 12, 2025 · The plan outlined 21 key measures, including scaling up energy storage applications in power generation and grid infrastructure, accelerating technological innovation, ...

New energy storage key to spur economy

May 6, 2025 · Bian said the administration will further promote the orderly development of new energy storage technology, while vigorously supporting technological innovation, continuing to ...



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