
The Ultimate New Energy Storage

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.

What is the energy storage plan?

The plan outlined 21 key measures, including scaling up energy storage applications in power generation and grid infrastructure, accelerating technological innovation, and improving standardization. It also emphasized talent development and enhancing international cooperation in the sector.

Why do we need energy storage solutions?

As the global energy transition accelerates, the need for reliable, scalable and cost-effective energy storage solutions has never been greater.

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.

A new, large scale iron-sodium energy storage system will be manufactured in the US, helping to support more wind and solar in the grid.

At the company's annual Eco-Day presentation, Hithium unveiled three new innovations in long-duration energy storage: the ?Power8 solution; the ?Cell; and the ?Power ...

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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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10 cutting-edge innovations redefining energy storage solutions From iron-air batteries to molten salt storage, a new wave of ...

"China's advances in new-type energy storage are moving from isolated breakthroughs to a more systematic framework," said Rao Hong, chief scientist at China ...

Megapack is an electrochemical energy storage device that uses lithium batteries, a dominant technical route in the new-type energy storage industry. Tesla's vice-president Tao ...

Recently, several projects--including Shanghai Electric Group's 5GWh all-vanadium redox flow battery project, the Washi Power sodium-ion battery base project, and ...

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