
New energy storage is ready to take off

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.

Is China entering a new era of energy storage demand?

Mainland China accounts for most of the global energy storage demand, driven in the near term by regional requirements for new utility-scale wind and solar projects to include energy storage capacity. However, the Chinese market is entering an era of change.

Should energy storage be removed from energy grid connection?

For energy storage, the new Chinese policy emphasized the need to remove energy storage as a prerequisite for renewable energy project grid connection, a requirement that has been a major driver for battery build. Nonetheless, BNEF still expects strong demand for batteries, as the policy doesn't explicitly require mandates to stop.

A technician monitors energy storage equipment in Yibin, Sichuan province, in December.
Zhuang Geer / for China Daily Leveraging its dominant position in electric vehicles, ...

The global energy storage market is poised to hit new heights yet again in 2025. Despite policy changes and uncertainty in the world's two largest markets, the US and China, ...

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

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

Breakthroughs in battery technology are transforming the global energy landscape, fueling the transition to clean energy and reshaping industries from transportation to utilities. ...

China's nationwide installed capacity of new-type energy storage has exceeded 100 GW, more than 30 times the level at the end of the 13th Five-Year Plan period.

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 ...

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, ...

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

In 2025, China's energy storage industry stood at an unprecedented turning point. With the release of the "Special Action Plan for the Large - scale Construction of New - type ...

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