

# Investment in energy storage power generation





## Overview

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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 next-generation energy storage?

Next-generation energy storage systems are based on novel chemistries, such as all-solid-state, Li metal, Li-sulfur, and metal-oxygen, to achieve significantly higher energy density. These batteries may use materials and their interfaces as key limiting factors and origins of failures.

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 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.



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systems requires a thoughtful approach that balances technical performance, economic ...

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