



China will add new energy storage systems

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.

Will China add 100 GW of new energy storage by 2027?

China aims to add more than 100 GW of new energy storage (primarily battery storage, excluding pumped hydro) by 2027, according to a new action plan presented by authorities on Friday.

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 China's 'new-energy storage system' capacity?

As outlined in the action plan, China's "new-energy storage system" capacity - primarily based on lithium-ion batteries - is set to exceed 180 gigawatts within two years, up from 95 GW as of June.

China, which already boasts the world's largest energy-storage capacity, is set to nearly double that level by 2027, with an anticipated investment of 250 billion yuan (US\$35 billion), ...

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Energy storage in China expands rapidly as renewables exceed 60% of national power capacity, reshaping the global electricity mix.

The China New Energy Storage Development Report 2025 represents a major milestone in the institutionalization of NES planning and governance in China. By quantifying progress and ...

The country aims to achieve more than 180 million kilowatts of installed new-type energy storage capacity by 2027, which is expected to drive approximately 250 billion yuan (\$35.2 billion) in ...

1 China has a goal to install 180 gigawatts of battery energy storage systems by the end of 2027, with a direct project investment of \$35.2 billion.

"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 Southern Power Grid. ...

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Data from the National Energy Administration shows that by the end of September 2025, China had 100 gigawatts of new energy storage systems installed. That was 30 times the 2020 ...

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Based on CNESA DataLink 2025 annual energy storage dataset, presented at a press conference in Beijing on Jan. 22, a total of 66.43 GW/189.48 GWh of new-type energy storage ...

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