

Large-scale energy storage power station construction plan





Overview

What is the 'Special Action Plan' for new energy storage?

The 'Special action plan for large-scale construction of new energy storage (2025-2027)' was published last Friday (12 September), formulated jointly by the country's National Development and Reform Commission and National Energy Administration (NEA).

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.

What is the largest grid-forming energy storage station in China?

This marks the completion and operation of the largest grid-forming energy storage station in China. The photo shows the energy storage station supporting the Ningdong Composite Photovoltaic Base Project. This energy storage station is one of the first batch of projects supporting the 100 GW large-scale wind and photovoltaic bases nationwide.

What is China's Energy Storage plan?

The plan's target represents a significant scaling up, even for the world's leading adopter and producer of energy storage technologies. According to official National Energy Administration data from its recent 'China new energy storage development report 2025,' the country's installed base at the end of 2024 totalled 73.8GW/168GWh.



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China targets 180GW of installed BESS capacity by 2027

Sep 17, 2025 · The 'Special action plan for large-scale construction of new energy storage (2025-2027)' was published last Friday (12 September), formulated jointly by the country's National ...

China targets 180GW of installed BESS ...

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Large-scale construction begins for largest pumped storage power station

6 days ago · The largest pumped storage power station in terms of capacity in East China has entered the full-scale construction phase and is scheduled to begin generating power before ...

Entire process of developing an energy storage power station ...

Energy storage power stations, acting as "power banks" in the power system, play a crucial role in regulating power supply and demand balance, improving power system flexibility, and ...

The action plan for the large-scale construction of new energy storage

Sep 12, 2025 · In order to implement the Guiding Opinions on Accelerating the Development of New Energy Storage and the Action Plan for Accelerating the Construction of a New Power ...

China's three-year action plan for new energy storage construction ...

The National Development and Reform Commission and the National Energy Administration issued the 'Special Action Plan for Large-Scale Construction of New Energy Storage ...

China's largest standalone battery storage project powers up

5 days ago · A 500 MW / 2,000 MWh standalone BESS in Tongliao, Inner Mongolia, has begun commercial operation following a five-month construction period, reflecting China's ...

China's Largest Grid-Forming Energy Storage Station ...

Apr 9, 2024 · On March 31, the second phase of the 100 MW/200 MWh energy storage station, a supporting project of the Ningxia Power's East Ningxia Composite Photovoltaic Base Project ...

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

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in China, this study proposes a two-layer capacity planning model for large-scale wind ...

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