

# **New energy storage base**





## 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.

How big is China's Energy Storage Base?

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. The China Energy Storage Alliance (CNESA) trade group said this represented a 130% year-on-year increase and about 40% of the global total.

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.

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

Sep 12, 2025 · 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 ...

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Energy storage poised to fuel China's growth-Xinhua

Jan 24, 2025 · An aerial drone photo taken on Aug. 21, 2024 shows a view of an energy storage station at Taiyangshan Township of Wuzhong, northwest China's Ningxia Hui Autonomous ...

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Aug. 2025 , New Energy Storage Installations: Reached 2.9 ...

Sep 25, 2025 · Aug. 2025 , New Energy Storage Installations: Reached 2.9 GW/7.97 GWh; Power-Side Base Projects Record 285%/354% YoY Growth The China Energy Storage ...

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China leads the world in new-type energy storage capacity

Sep 12, 2025 · "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 ...

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CHN Energy Ningdong PV Base Hybrid Energy Storage ...

Mar 13, 2025 · The hybrid energy storage project, titled "Lithium Battery + Supercapacitor Hybrid Energy Storage Key Technology Research and Demonstration", at CHN Energy Ningdong ...

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China powers up nation's largest standalone battery storage ...

3 days ago · A 500 MW/2,000 MWh standalone battery energy storage system (BESS) in Tongliao, Inner Mongolia, has begun commercial operation following a five-month construction ...

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China's largest standalone battery storage project powers up

4 days ago · For Inner Mongolia, which is positioning itself as a national energy and strategic resource base, the plant is expected to provide a cornerstone asset for the emerging new-type ...

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China targets 180GW of installed BESS ...

Sep 17, 2025 · The policy and regulatory roadmap is aimed at pushing China's installed base of large-scale energy storage - primarily lithium-ion ...

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China targets 180GW of installed BESS capacity by 2027

Sep 17, 2025 · The policy and regulatory roadmap is aimed at pushing China's installed base of large-scale energy storage - primarily lithium-ion battery energy storage systems (BESS) - to ...

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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 ...

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China Advances Energy Storage Chain with Major New ...

3 days ago · Leveraging Tancheng's industrial base in battery components and storage system integration, the project aims to enhance grid stability by mitigating the intermittency of wind ...

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