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China Technology Energy Storage Project





Overview

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 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.

What is China's energy storage policy & regulatory roadmap?

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 180GW by the end of 2027.

Why is energy storage important in China?

As China accelerates the deployment of renewable energy, the stability of the power system faces persistent operational constraints. Energy storage, serving as a pivotal enabling technology for the energy transition, has witnessed rapid development nationwide.



China Technology Energy Storage Project



China's First Shared Energy Storage Demonstration Project ...

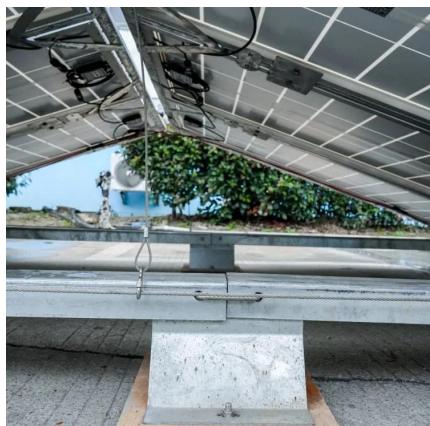
This marks the first domestic shared storage demonstration project to integrate four types of new energy storage technologies--lithium iron phosphate, sodium-ion, vanadium ...

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The prospects of energy storage technology development in China...

This model is used to assess the economic and environmental feasibility of two energy storage technologies in China during 2017-2060. The results indicate that the ...

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China's First Molten Salt Energy Storage Technology ...

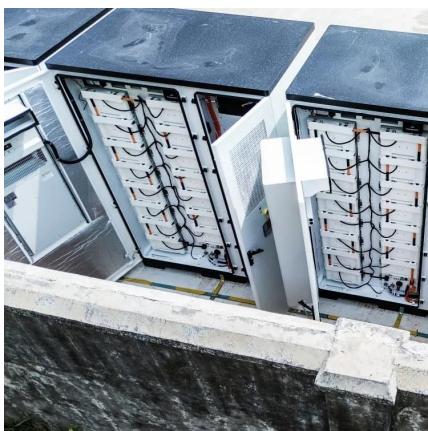
Recently, China's first molten salt heat storage replacing electrochemical energy storage technology demonstration project officially started construction at the Anhui Company ...

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[China targets 180GW of installed BESS capacity by 2027](#)

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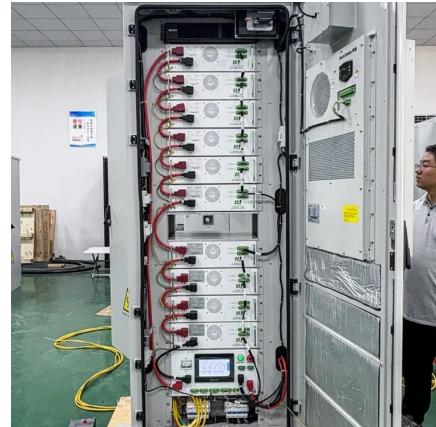
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[China leads the world in new-type energy storage capacity](#)

China's energy storage sector is rapidly diversifying project applications and accelerating the rollout of multiple technological pathways. Bian noted that in 2024, the NEA ...

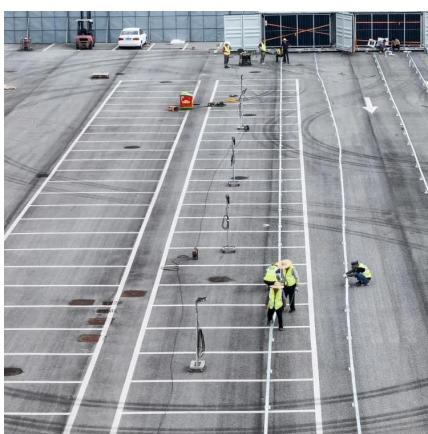
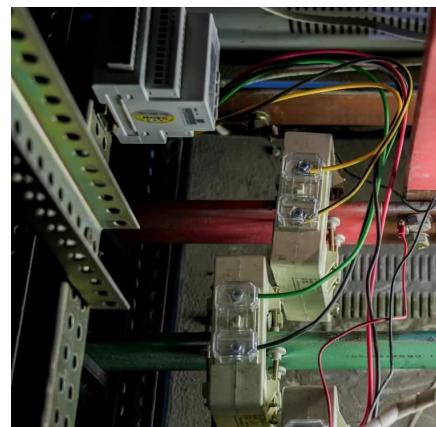
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[China targets 180GW of installed BESS ...](#)

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 180GW by the end of 2027.

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[Top five energy storage projects in China](#)

The Salt Cavern Compressed Air Energy Storage Phase-I is a 300,000kW compressed air storage energy storage project located in Taian, Shandong, China. The electro ...

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[New-type energy storage poised to fuel China's growth](#)



The demonstration project is an example of China's burgeoning energy storage economy. Building on its leadership in electric vehicles, lithium batteries and solar panels, ...

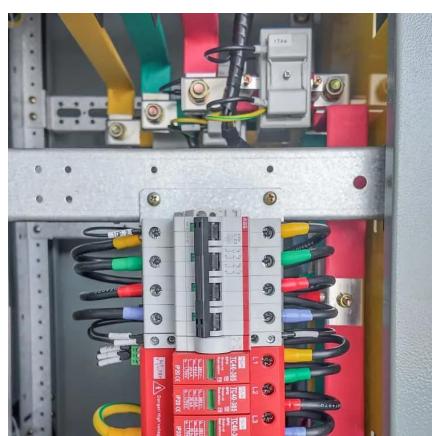
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[China Achieves Breakthrough in Core Energy ...](#)

Compressed air energy storage has been included as a key development focus in China's 14th Five-Year Plan for new energy storage technologies, with multiple regions introducing dedicated subsidy policies.

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

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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China switches on its largest standalone battery



storage project

This project is the largest hybrid energy storage installation in China and hosts the world's largest grid-forming vanadium redox flow battery, set to reach a 250 MWh/1 GWh ...

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