

**KREATYWNY ENERGY POLSKA**

# **China s large-capacity energy storage system**



## Overview

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As reported by Energy Storage News, China plans on building an installed base of large-scale energy storage — primarily lithium-ion battery energy storage systems — to reach 180 gigawatts by the end of 2027, driving \$35.2 billion in direct project investment. 8 gigawatts, 40% of the global total. It is currently the largest single electrochemical storage facility in the country (Image: Ma Mingyan / China News Service / Alamy) In February 2025, China shelved a requirement that new domestic. Data from the China Energy Storage Alliance (CNESA) shows China's cumulative power-sector energy storage capacity reached 213.3 GW by the end of 2025, a 54% year-on-year increase. 3% of the total, while "new-type" energy storage made up 67.7. China closes 2025 with record renewable growth, confirming its global leadership in clean power and energy storage. Fueled by the rush to secure the final feed-in tariff incentives and by the targets set in the.

## China s large-capacity energy storage system

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### China aims to nearly double battery storage by 2027 in \$35 billion plan

China is looking to almost double its so-called new energy storage capacity to 180 gigawatts (GW) by 2027, according to an industry plan announced by authorities on Friday.

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### THE CHINA BATTERY ENERGY STORAGE SYSTEM (BESS) ...

Ahead and heading into a new era for new energy, it is expected that China's energy storage capacity and its BESS capacity in particular will grow at a CAGR rate of 44% between 2023 and 2027.



### Already world's top energy-storing nation, China to supercharge

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), according to Beijing's ...

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### China targets 180 GW of new energy

**storage by 2027 in ambitious ...**

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.



**Energy storage in China drives a renewable power surge**

Renewables and energy storage drive China's power system growth  
Renewables and energy storage in China delivered another historic milestone in 2025. Fueled by the rush to secure the final feed-in tariff ...

**After the mandate: China's energy storage sector one year on**

Nearly 44 gigawatts of new energy-storage system capacity was installed in 2024, reported the China Energy Storage Alliance. As such, the installed capacity of new systems overtook PSH for the first ...



**China's 2025 Energy Storage Growth: Capacity Reaches 213.3 GW**

China's energy storage capacity grew 54% to 213.3 GW in 2025, with new-type



systems like LFP batteries making up 67.9% of the total, according to the latest CNESA annual data report.

### China National Energy Administration Released Official Report

Independent and shared storage facilities now make up 46% of total capacity, while co-located storage with renewable energy accounts for 42%. Operational efficiency also improved significantly in 2024, ...

### FLEXIBLE SETTING OF MULTIPLE WORKING MODES



### China targets 180GW of installed BESS capacity by 2027

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.

### China Targets 180 Gigawatts of Battery Storage by end of 2027

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.



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