

Special plan for new energy storage



Overview

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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. The country aims to achieve more than 180 million.

China has published a national plan to promote large-scale energy storage facilities, encouraging investment and broader participation in the electricity market. The 'Special action plan for large-scale construction of new energy storage (2025-2027)' was published last Friday (12 September).

In 2027, the installed capacity of new energy storage in China will reach more than 180 million kilowatts, driving direct investment of about 250 billion yuan in projects. The new energy storage technology route is still dominated by lithium-ion battery energy storage, further enriching various.

Announced by the National Development and Reform Commission (NDRC) and the National Energy Administration (NEA), the new plan is expected to drive CNY 250 billion (approximately \$35 billion) in sector investment. China aims to add more than 100 GW of new energy storage (primarily battery storage).

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Announced by the National Development and Reform Commission (NDRC) and the National Energy Administration (NEA), the new plan is expected to drive CNY 250 billion (\$35.1 billion) in sector investment. From ESS News China aims to install more than 100 GW of new energy storage – primarily battery. What is the new energy storage action plan?

The new action plan, grounded in the nation's dual carbon goals, aims to grow the national new energy storage fleet to 180 GW by 2027. It responds to the urgent need for flexible energy regulation amid rapid renewable energy expansion.

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.

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.

How big is China's new energy storage fleet?

As of June 2025, China's new energy storage fleet had surpassed 100 GW, overtaking the pumped hydro additions for the first time, according to data from the China Energy Storage Alliance (CNESA). The new action plan, grounded in the nation's dual carbon goals, aims to grow the national new energy storage fleet to 180 GW by 2027.

Why is energy storage important?

Officials from the National Energy Administration emphasized that energy storage is now essential for stabilizing the power system and meeting growing

electricity demands. The plan also comes at a critical moment.

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China targets 180GW of installed BESS capacity by 2027

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 ...

Energy Department Pioneers New Energy Storage ...

The Department of Energy's (DOE) Office of Electricity (OE) is pioneering innovations to advance a 21st century electric grid. A key ...



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2021 Five-Year Energy Storage Plan

The Electricity Advisory Committee (EAC) submitted its last five-year energy storage plan in 2016.¹ That report summarized a review of

the U.S. Department of Energy's (DOE) energy ...



Implementation plan to promote high-quality ...

In qualified industrial enterprises and industrial parks, accelerate the development of new energy projects such as distributed photovoltaics and ...

Action Plan for the High-Quality Development of the New Energy Storage

The action plan outlines six special actions: innovation in new energy storage technologies, coordinated industry development, industrial transformation and upgrading, ...



SRP and ESS Announce New 50 MWh Long Duration ...

Wilsonville, Ore.- October 9, 2025 - Salt River Project (SRP), a not-for-profit public power utility serving the greater Phoenix metropolitan area, and ESS ...

The two departments issued the Special Action Plan for Large ...

To study the joint operation of coal-fired power units with new energy storage projects such as electrochemical energy storage, flywheel energy storage and thermal energy ...



China is betting big on energy storage as AI drives ...

China has unveiled plans to boost its energy storage sector as it strives to shore up its energy security and cope with a surge in power demand

...

China issues action plan to promote manufacturing of new-type energy

Encourage local governments to introduce special policies to support technological progress in new-type energy storage system manufacturing as well as the transformation and upgrading of ...



NDRC and the National Energy Administration of ...

The performance of electrochemical energy storage technology will be further improved, and the system cost will be reduced by more than ...

New Energy Storage: A Key Starting Point for Accelerating the

Accelerating the planning and construction of a new energy system is an important condition and foundation for promoting Chinese path to modernization. The ...



China targets 180 GW of new energy storage by 2027 ...

China aims to install more than 100 GW of new energy storage - primarily battery storage, excluding pumped hydro - by 2027, according to a ...

China unveils measures to bolster new-type energy storage ...

Chinese authorities unveiled several measures on Monday to promote the new-type energy storage manufacturing sector, as part of efforts to accelerate the development of ...



Energy Storage Strategy and Roadmap , Department of Energy

This SRM does not address new policy actions, nor does it specify budgets and resources for future activities. This Energy Storage SRM responds to the Energy Storage Strategic Plan ...

China unveils measures to bolster new-type energy storage ...

According to an action plan jointly issued by the Ministry of Industry and Information Technology and seven other government organs, the new-type energy storage ...



China unveils three-year action plan to boost new ...

The plan outlined 21 key measures, including scaling up energy storage applications in power generation and grid infrastructure, accelerating

...

Full text: China's Energy Transition , english.scio.gov.cn

Full text: China's Energy TransitionV. Modernizing Energy Governance High-quality development in China's energy sector requires a

...



China steps up new energy storage construction

New energy storage, or energy storage using new technologies, such as lithium-ion batteries, liquid flow batteries, compressed air and mechanical energy, is an important ...

Long-duration energy-storage technologies: A stabilizer for new ...

Examples of the plans include initiatives such as Resilient New Orleans: Action Strategy for Shaping Future Cities, Resilient Kyoto in Japan, and Beijing's Special Plan for Resilient Urban ...



China's Ministry of Industry and Information Technology ...

On November 6, the Ministry of Industry and Information Technology of China publicly released the "Action Plan for High-Quality Development of New Energy Storage ...

Guiding Opinions on Accelerating the Development of New Energy Storage

On 15 July, national plans for energy storage were set out by the Chinese National Development and Reform Commission and National Energy Administration. The main ...

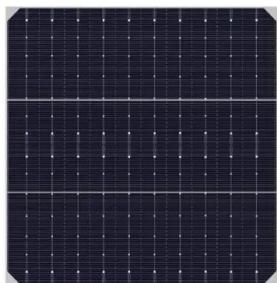


China Targets 180 GW of New Energy Storage by 2027 in ...

On Friday, Chinese authorities released the Special Action Plan for Large-Scale Construction of New Energy Storage (2025-2027), which sets a target of installing more than ...

NDRC, NEA, and NDA issue action plan on power system ...

Optimising energy storage: Energy storage is critical for balancing intermittent renewable sources. The action plan supports the expansion of both traditional and new energy ...



2020 China Energy Storage Policy Review: Entering a New

...

Under the direction of the national "Guiding Opinions on Promoting Energy Storage Technology and Industry Development" policy, the development of energy storage in ...

Policy interpretation: Guidance comprehensively ...

Driven by the national strategic goals of carbon peaking and carbon neutrality, energy storage, as an important technology and basic ...



ESS



China unveils 3-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 ...

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

To fully unleash the system regulation capacity of new energy storage, the 'Plan' focuses on the generation side, grid side, multi-scenario innovations, and pilot cultivation, proposing four key ...



Energy Storage

This rulemaking identified energy storage end uses and barriers to deployment, considered a variety of possible policies to encourage the cost-effective deployment of energy ...

Economic Watch: China's new energy storage capacity exceeds ...

Moreover, the flexible layout and short construction cycle of new energy storage, along with its wide range of application scenarios, have directly driven investments nearing 200 ...



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