

New energy storage capacity is expected to double

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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 much will China invest in energy storage by 2027?

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 latest action plan.

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.

What is China's 'new-energy storage system' capacity?

As outlined in the action plan, China's "new-energy storage system" capacity - primarily based on lithium-ion batteries - is set to exceed 180 gigawatts within two years, up from 95GW as of June.

China aims to more than double its new energy storage capacity to over 180 GW by 2027, driving around 250 billion yuan in investment, as recent government plans signal a major industry surge. ...

China plans to more than double its battery storage capacity by 2027 with a new \$35.1 billion investment to support its growing solar and wind power generation.

China's power storage capacity is on the cusp of growth, fueled by rapid advances in the renewable energy industry, innovative technologies and ambitious government policies aimed at driving ...

Executive Summary China plans to nearly double its energy storage capacity to over 180 gigawatts by 2027, backed by an anticipated investment of US\$35 billion. The initiative is crucial for building ...

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The country aims to achieve over 180 million kilowatts of installed new-type energy storage capacity by 2027, which is expected to drive approximately 250 billion yuan (about \$35.2 billion) in direct ...

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Global energy storage additions are on track to set another record in 2025 with the two largest markets - China and US - overcoming adverse policy shifts and tariff turmoil. Annual deployments are also ...

The China New Energy Storage Development Report 2025 represents a major milestone in the institutionalization of NES planning and governance in China. By quantifying progress and clarifying national ...

The Renewables 2024 report, the IEA's flagship annual publication on the sector, finds that the world is set to add more than 5 500 gigawatts (GW) of new renewable energy capacity between 2024 and ...

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