

The construction of new energy storage is accelerating

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 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.

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 a cost-reduction target for energy storage?

A cost-reduction target was introduced to lower the system cost per unit of electrochemical energy storage by at least 30% by 2025, as outlined in the 14th FYP on Energy Storage Development. China's energy storage capacity accounted for 22% of global installed capacity, reaching 46.1 GW in 2021.

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

Bian said the administration will further promote the orderly development of new energy storage technology, while vigorously supporting technological innovation, continuing to ...

Chinese companies are accelerating the construction of a new type of power system on the back of renewable electricity growth, spurring demand for smart grids and ...

With energy storage playing a fundamental role in China's high-quality development of green energy, this book relies on scholarly research to delve into the subject of energy storage ...

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 ...

Accelerating the planning and construction of a new energy system is an important condition and foundation

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for promoting Chinese path to modernization. The development of ...

The National Development and Reform Commission and the National Energy Administration issued the "Special Action Plan for Large-Scale Construction of New Energy Storage ...

A technician monitors energy storage equipment in Yibin, Sichuan province, in December. Zhuang Geer / for China Daily Leveraging its dominant position in electric vehicles, ...

Recently, the reporter visited the construction site of the energy storage equipment manufacturing industrial base project of Gansu Chuyuan New Energy Technology Co., Ltd., and the project ...

Accelerating the planning and development of a new power system that is more renewable energy-based is a strategic priority of achieving "dual carbon" goals (peaking ...

The Coverage and Intensity of Policies Continuing to Increase Technological breakthrough and industrial application of new type storage are included in the 2023 energy ...

The government's efforts to build a new type of power system with a gradual increase in the proportion of clean energy will further consolidate renewable energy's role in ...

China aims to further develop its new energy storage capacity, which is expected to advance from the initial stage of commercialization to large-scale development by 2025, with ...

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In August 2024, the National Development and Reform Commission (NDRC), National Energy Administration (NEA), and National Data Administration (NDA) jointly ...

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