
New Energy Storage Mandatory

What is new energy storage?

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 foundation for building a new power system in China, enjoying the advantages of quick response, flexible configuration and short construction periods.

Is the energy storage mandate a big change?

This is a big change towards rationalization of renewables but hidden within that is a removal of the energy storage mandate," George Hilton, research and analysis manager at S&P Global, tells ESS News. S&P Global estimates that the storage mandate has driven between 50 and 75% of domestic demand.

How will the energy storage mandate impact China?

S&P Global estimates that the storage mandate has driven between 50 and 75% of domestic demand. With China accounting for around 56% of the global energy storage demand in 2024, the impact of such a policy change will be massive.

What is the implementation plan for the development of new energy storage?

In January 2022, the National Development and Reform Commission and the National Energy Administration jointly issued the Implementation Plan for the Development of New Energy Storage during the 14th Five-Year Plan Period, emphasizing the fundamental role of new energy storage technologies in a new power system.

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In a major policy shift towards electricity market liberalization, China has introduced contract for difference (CfD) auctions for renewable energy plants and removed the ...

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 ...

Since February 2025, when the National Development and Reform Commission (NDRC) and the National Energy Administration issued the "Notice on Deepening the Market ...

On February 9, China's National Development and Reform Commission (NDRC) and

National Energy Agency (NEA) jointly published the Notice on Deepening Market-Based ...

This is one of the reasons why many provinces in China have imposed mandatory storage requirements of 10%-30% for new renewable energy projects. As the prioritised ...

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KPMG China and the Electric Transportation & Energy Storage Association of the China Electricity Council ('CEC') released the New Energy Storage Technologies Empower ...

To date, over 20 provinces have issued policies mandating that renewable energy projects allocate 10% to 20% of their capacity to energy storage systems, with storage ...

Why NDRC's New Energy Storage Moves Matter (and Why Your Coffee Maker Cares)
Ever wondered why your phone battery dies so fast? Now imagine scaling that problem up to power ...

To address these issues, various rapid energy storage methods have emerged as ancillary services, enabling the storage of energy, relieving the pressure on integrating renewable ...

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