

# Policy on mandatory energy storage for wind and solar power generation





## Overview

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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.

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.

What policies support wind energy?

Several different policy strategies have promoted wind energy. Such supports for onshore wind have typically appeared in the form of feed-in tariffs (for reference, in Europe), tax subsidies, and quotas and duties (for instance, in India and the US), however, it is shifting more and more towards auctions worldwide.

Can energy storage control wind power & energy storage?

As of recently, there is not much research done on how to configure energy storage capacity and control wind power and energy storage to help with frequency regulation. Energy storage, like wind turbines, has the potential to regulate system frequency via extra differential droop control.



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At present, the domestic energy storage market is mainly dominated by distribution and storage demand, and the release of the new policy for new energy power generation to ...

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## Evaluating China's Mandatory Energy Storage Integration Policies

The complementary relationship between renewable energy and energy storage presents significant opportunities for the "Renewable Energy + Storage" mode. To address the ...



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## A comprehensive review of wind power integration and energy storage

Integrating wind power with energy storage technologies is crucial for frequency regulation in modern power systems, ensuring the reliable and cost-effective operation of ...

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## Impact of China's market-oriented reform on the energy storage ...

On February 9, China's National Development and Reform Commission (NDRC) and National Energy Agency (NEA) jointly published the Notice on Deepening Market-Based ...

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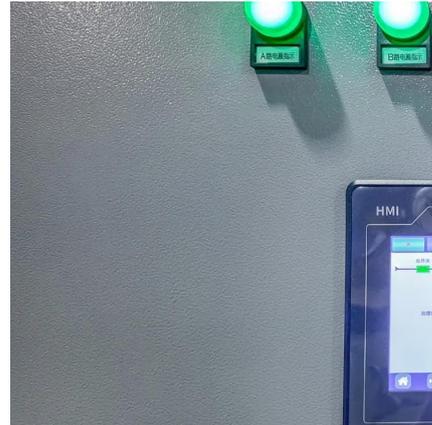




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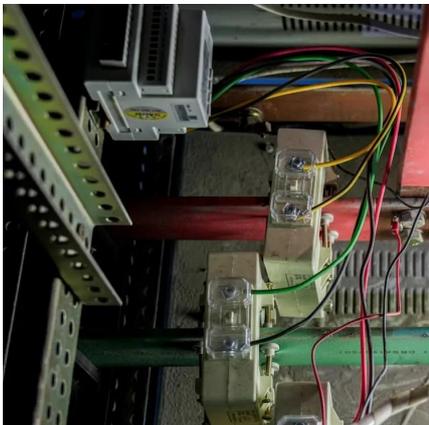
In a major policy shift towards electricity market liberalization, China has introduced contract for difference (CfD) auctions for renewable energy plants and removed the energy storage mandate, which has ...

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## **Intensive Policy Releases Transform China's Energy Storage ...**

Intensive Release of Energy Storage Policies! A Deep Dive into the Industry Reshuffle from Document 136 to Document 394 Published on: May 14, 2025 When one door ...

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## **Legal Issues on the Construction of Energy Storage Projects ...**

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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## [From Document No. 136 to Document No. 394: The Great ...](#)

Previously, in February 2025, the National Development and Reform Commission (NDRC) and the National Energy Administration (NEA) issued Document No. 136, explicitly ...

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## **China scraps energy storage mandate for renewable energy ...**

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