



WALMER ENERGY

# Accelerate the scale-up of new energy storage





## Overview

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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.

How can energy storage technologies address China's flexibility challenge in the power grid?

The large-scale development of energy storage technologies will address China's flexibility challenge in the power grid, enabling the high penetration of renewable sources. This article intends to fill the existing research gap in energy storage technologies through the lens of policy and finance.

How can energy storage accelerate the transition away from coal?

The development of energy storage will offer an opportunity to accelerate the energy transition away from coal by providing greater flexibility and reliability to the power grid, thereby enabling high penetration of renewable sources.

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.



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

Sep 12, 2025 · The "Special Action Plan for Large-Scale Construction of New Energy Storage (2025-2027)" released by the National Development and Reform Commission (NDRC) and the ...

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China to boost new-energy storage manufacturing industry, ...

Feb 18, 2025 · The plan will also accelerate the construction of smart factories in relevant industries. It will promote the digital transformation of key processes in new-energy storage ...

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National Energy Administration: China's New ...

Aug 26, 2025 · Wang Hongzhi, member of the Party Leadership Group of the National Development and Reform Commission and Head of the National ...

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China's role in scaling up energy storage investments

Jun 1, 2023 · The large-scale development of energy storage technologies will address China's flexibility challenge in the power grid, enabling the high penetration of renewable sources. This ...

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China Surpasses 100 GW of New Energy ...

Aug 25, 2025 · The government's target to deploy at least 300 GW of new energy storage by 2030 will require sustained diversification to ensure ...

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New Energy Storage Technologies Empower Energy ...

Nov 15, 2025 · Foreword Stepping up efforts to develop new energy storage technologies is critical in driving renewable energy adoption, achieving China's 30/60 carbon goals, and ...

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National Energy Administration: China's New Energy Storage Scale ...

Aug 26, 2025 · Wang Hongzhi, member of the Party Leadership Group of the National Development and Reform Commission and Head of the National Energy Administration, ...

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New energy storage key to spur economy

May 6, 2025 · Bian said the administration will further promote the orderly development of new energy storage technology, while vigorously ...

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China unveils three-year action plan to boost new-type energy storage

Sep 12, 2025 · 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 ...

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New energy storage key to spur economy

May 7, 2025 · Furthermore, Bian highlighted the ongoing efforts to "accelerate the improvement of the new energy storage standard system ...

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### New energy storage key to spur economy

May 7, 2025 · Furthermore, Bian highlighted the ongoing efforts to "accelerate the improvement of the new energy storage standard system and strive to promote innovation in the new energy ...

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### New energy storage key to spur economy

May 6, 2025 · Bian said the administration will further promote the orderly development of new energy storage technology, while vigorously supporting technological innovation, continuing to ...

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### CHINA'S ACCELERATING GROWTH IN NEW TYPE ...

Jun 13, 2024 · The Coverage and Intensity of Policies Continuing to Increase Technological breakthrough and industrial application of new type storage are included in the 2023 energy ...

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### China Surpasses 100 GW of New Energy Storage as Capacity ...

Aug 25, 2025 · The government's target to deploy at least 300 GW of new energy storage by 2030 will require sustained diversification to ensure resilience against supply chain bottlenecks ...

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