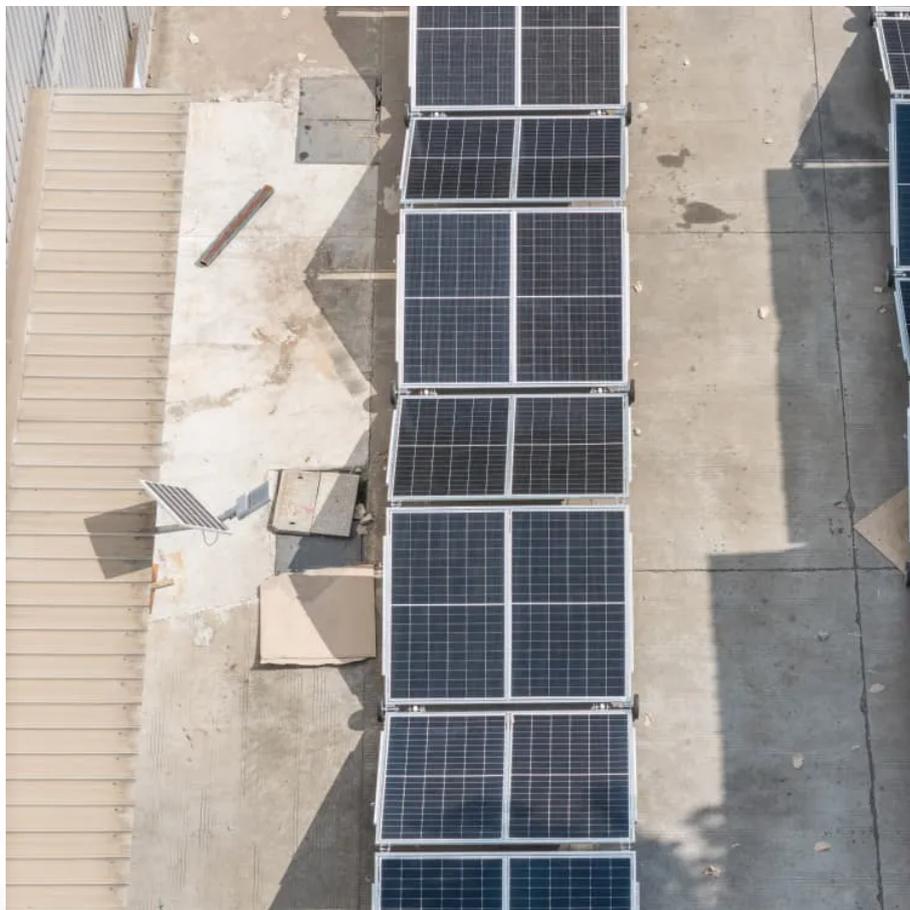


# **10 billion investment in wind solar and energy storage**





## Overview

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Is China entering a new era of energy storage demand?

Mainland China accounts for most of the global energy storage demand, driven in the near term by regional requirements for new utility-scale wind and solar projects to include energy storage capacity. However, the Chinese market is entering an era of change.

Can China scale up energy storage investments?

This study explores the challenges and opportunities of China's domestic and international roles in scaling up energy storage investments. China aims to increase its share of primary energy from renewable energy sources from 16.6% in 2021 to 25% by 2030, as outlined in the nationally determined contribution .

How much money has been invested in renewables in 2023?

This is higher than current levels but not a step change; BNEF estimates \$623 billion was invested in renewables worldwide in 2023, plus \$36 billion in energy storage and \$310 billion in the grid. In the first half of 2024, some \$313 billion was went to renewables around the world. Technologies beyond solar require a faster scale-up of capital.

What is the southern Thailand wind power and battery energy storage project?

The Southern Thailand Wind Power and Battery Energy Storage Project, funded by the Asian Development Bank (ADB) in 2020, was the first private sector initiative to support the development of 10 MW utility-scale wind power generation with an integrated 1.88 MWh BESS in Thailand.



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### China - World Energy Investment 2025 - Analysis

2 days ago · In 2024 China's clean energy investment was more than USD 625 billion, almost doubling since 2015. China also achieved its 2030 wind and solar capacity target in 2024, six ...

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### Chinese PV Industry Brief: Huaneng, TBEA ...

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### Chinese PV Industry Brief: Huaneng, TBEA announce GW ...

Mar 12, 2025 · The second phase, with a CNY 10 billion investment, will include a 1.7 GW wind-solar hybrid power plant and associated energy storage facilities, subject to policy and market ...

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### Energy storage investment of \$10 billion

Energy storage is essential to enabling utilities and grid operators to effectively adopt and utilize the nation's growing portfolio of clean energy resources, like solar and wind, on demand. ...

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### Türkiye to invest \$10B in energy storage to boost wind and solar energy

Dec 3, 2024 · The Energy Market Regulatory Authority (EMRA) approved a 35-gigawatt-hour (GWh) capacity allocation for grid-scale storage projects, with an estimated investment of \$10 ...

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### Nation's energy investments in 2023 reach \$391b

Jan 26, 2024 · The remarkable surge in investments in China's renewable energy sector, particularly in solar and wind, underscores the country's strategic focus on diversifying its ...

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### China's role in scaling up energy storage investments

Jun 1, 2023 · The existing literature on energy storage has primarily focused on technological innovation, leaving a research gap to be filled using a policy lens. Through qualitative analysis, ...

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### How China adds more renewable energy than any other ...

Dec 3, 2025 · China's approach to renewable energy buildout combines large-scale investment, technological innovation and market reform. China is installing more renewables than any ...

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### Global Energy Storage Growth Upheld by New Markets

Jun 18, 2025 · The global energy storage market is poised to hit new heights yet again in 2025.



Despite policy changes and uncertainty in the world's two largest markets, the US and China, ...

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China emerging as energy storage powerhouse

May 22, 2024 · The skyrocketing demand for energy storage solutions, driven by the need to integrate intermittent renewable energy sources such as ...

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BNEF

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