



BUHLE POWER

Cumulative installed capacity of energy storage projects





Overview

By the end of 2024, the cumulative installed and operational capacity of new energy storage projects nationwide reached 73.76 GW/168 GWh, approximately 20 times that of the end of the 13th Five-Year Plan and more than 130% higher than at the end of 2023. How big is energy storage in 2024?

By the end of 2024, the cumulative installed and operational capacity of new energy storage projects nationwide reached 73.76 GW/168 GWh, approximately 20 times that of the end of the 13th Five-Year Plan and more than 130% higher than at the end of 2023.

How much energy storage does China have in 2023?

By the end of 2023, China had completed and put into operation a cumulative installed capacity of new type energy storage projects reaching 31.4GW / 66.9GWh, with an average storage duration of 2.1 hours. The newly added installed capacity in 2023 was approximately 22.6GW / 48.7GWh, which is three times that for 2022 (7.3GW / 15.9GWh).

What percentage of a project has a 10 MW capacity?

Projects with an installed capacity of 10-100 MW accounted for 32.8%, while projects below 10 MW accounted for 4.9%. Projects with storage durations of 4 hours or more accounted for 15.4% of total installed capacity, a rise of about 3 percentage points compared to the end of 2023.

How much storage capacity does a project have compared to 2023?

Projects with storage durations of 4 hours or more accounted for 15.4% of total installed capacity, a rise of about 3 percentage points compared to the end of 2023. Projects with durations of 2-4 hours accounted for 71.2%, while those with durations of less than 2 hours made up 13.4%.



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Nov 28, 2025 · The installed capacity of new energy storage projects that were put into operation during the first half of this year in China has ...

Storing power

Feb 26, 2025 · By the end of 2024, the cumulative installed capacity of new-type energy storage projects in operation nationwide reached 73.76 million kilowatts/168 million kilowatt-hours, up ...



[New energy storage sector sees fast growth](#)

Feb 7, 2025 · China's new energy storage sector saw rapid growth in 2024, with installed capacity surpassing 70 million kilowatts, said an official with ...

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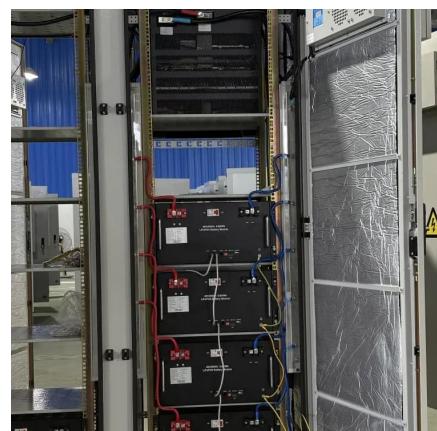
In 2024, new energy storage maintained a rapid development trend, with installed capacity exceeding 70 million kilowatts. By the end of 2024, the cumulative installed capacity of new ...



[China's new energy storage capacity exceeds 70 million KW](#)

Jan 24, 2025 · Geographically, the top five provincial-level regions in China for cumulative installed capacity of new energy storage are Inner Mongolia, Xinjiang, Shandong, Jiangsu, and

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[Global energy storage market: review and outlook](#)

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US BESS installations 'surged' in 2023 with

Mar 18, 2024 · The cumulative output and capacity of battery storage installed in the US have reached 17,027MW and 45,588MWh, ...

Global installed energy storage capacity by scenario, 2023 ...

Apr 25, 2024 · Global installed energy storage capacity by scenario, 2023 and 2030 - Chart and data by the International Energy Agency.



Global Energy Storage Market to Grow 15 ...

Oct 12, 2022 · More ambitious policies in the US and Europe drive a 13% increase in forecast capacity versus previous estimates New York, ...



CHINA'S ACCELERATING GROWTH IN NEW TYPE

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Jun 13, 2024 · In terms of application, equipping energy storage in renewable electricity generation projects is the main application field for new type energy storage, with a cumulative

...



CNESA Major Release on the 10th Western China Energy Storage ...

Aug 20, 2025 · 1. Scale of New Energy Storage Projects Cumulative Power Storage Installed Capacity Reaches 164.3GW, Share of Pumped Storage Falls Below 40% for the First Time ...

Global energy storage

Feb 27, 2025 · Global pumped storage capacity 2024, by leading country Energy Battery storage cumulative capacity in Europe 2022-2030 Batteries Lithium-ion battery price worldwide 2013 ...



China Focus: New energy-storage industry booms amid ...

May 24, 2024 · By the end of the first quarter of 2024, the cumulative installed capacity of new energy-storage projects in China had reached 35.3 million kW. This marks an increase of ...



[China New Energy Storage Installed Capacity Exceeds 30 ...](#)

Apr 19, 2024 · According to the data released at the National Energy Administration's press conference in the first quarter of 2024, China's new energy storage has developed rapidly, and

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[CNESA Global Energy Storage Market Tracking](#)

Nov 16, 2024 · China market: Pumped Hydro Storage share falls below 50% for the first time. Non-hydro Storage accumulative installations surpass 50GW for the first time. According to ...

[The development of China's new energy storage industry in ...](#)

Mar 13, 2024 · The cumulative installed capacity of new energy storage is about 88.2GW, accounting for 30.0%, and pumped storage is about 201.3GW, accounting for 68.4%. The ...



[Anticipating a Surge: Global New Installations ...](#)

Dec 18, 2023 · From 2021 to 2023, the global energy storage installation base remained at a low ebb, but with burgeoning market demand, annual ...



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