

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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Storing power

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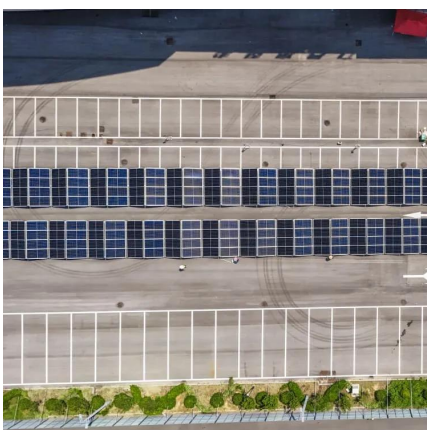
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Jun 13, 2024 · In terms of application, equipping energy storage in renewable electricity generation projects is the main application field for new type energy storage, with a cumulative ...

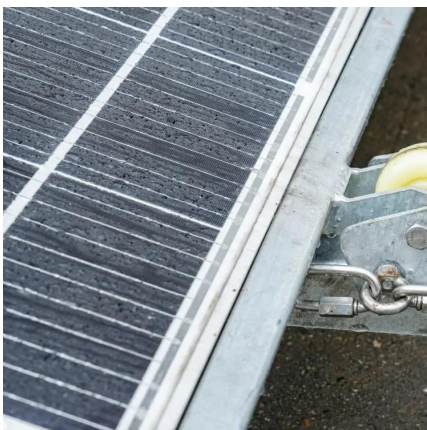


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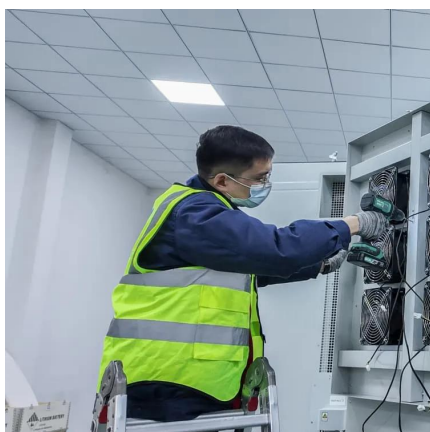
[China Focus: New energy-storage industry booms amid...](#)

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[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 ...

[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 ...



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