Global battery energy storage capacity

Energy storage installations globally will keep gaining momentum over the next decade as other markets pick up pace. BloombergNEF expects cumulative energy storage capacity in 2035 to reach 2 ...

In 2023, battery storage continued to be the fastest growing energy storage technology, with increased investment and policy attention. By the end of 2023, 43 jurisdictions had in place policies for energy storage, ...

Rystad Energy says it expects global battery energy storage system (BESS) additions to exceed 130 GW/350 GWh in 2026, led by China, the United States, the United Kingdom, Australia, and Germany.

This graphic highlights the top 20 battery storage capacity markets by current and planned grid capacity in gigawatt hour (GWh).

The battery energy storage market continues its rapid growth, reshaping power systems worldwide. After a historic 2025, when global BESS capacity surpassed 250 GW and overtook pumped hydropower, ...

Strong growth occurred for utility-scale battery projects, behind-the-meter batteries, mini-grids and solar home systems for electricity access, adding a total of 42 GW of battery storage capacity globally.

Last year, a record 200 GWh of new BESS projects came online globally, bringing the world"s total operational battery storage capacity to 375 GWh. China maintained its leading position, with over 100 ...

Global battery energy storage systems, or BESS, rose 40 GW in 2023, nearly doubling the total increase in capacity observed in the previous year, according to a special report published by the ...

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

Find the latest statistics and facts on energy storage.

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