

# The scale of new solar energy storage cabinet storage capacity doubled

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How many GW of solar & battery storage will be added in 2024?

Together, solar and battery storage account for 81% of the expected total capacity additions, with solar making up over 50% of the increase. Solar. In 2024, generators added a record 30 GW of utility-scale solar to the U.S. grid, accounting for 61% of capacity additions last year.

How much energy storage does the US have in 2024?

In 2024, the US installed 12.3 gigawatts of energy storage. This year, new grid battery installations are on track to almost double compared to last year. Battery storage capacity now exceeds pumped hydro capacity, totaling more than 26 gigawatts. There's still plenty of room to expand--and a pressing need to do so.

Will battery storage set a record in 2025?

Battery storage. In 2025, capacity growth from battery storage could set a record as we expect 18.2 GW of utility-scale battery storage to be added to the grid. U.S. battery storage already achieved record growth in 2024 when power providers added 10.3 GW of new battery storage capacity.

How has grid battery capacity changed between 2021 and 2024?

Between 2021 and 2024, grid battery capacity increased fivefold. In 2024, the US installed 12.3 gigawatts of energy storage. This year, new grid battery installations are on track to almost double compared to last year. Battery storage capacity now exceeds pumped hydro capacity, totaling more than 26 gigawatts.

By 2028, grid-scale energy storage capacity is expected to more than double, reaching 63.7GW, while residential and C& I projects will add 10GW and 2.1GW, respectively.

A report from the American Clean Power Association (ACP) and Wood Mackenzie indicates the utility-scale energy storage sector added 4.9 GW in the April-to-June quarter, ...

The U.S. energy storage market experienced significant growth in the second quarter, with the grid-scale segment leading the way with 2,773 MW and 9,982 MWh deployed.

Community-scale, commercial and industrial (CCI) storage expanded more modestly at 38 MW. This represents an 11% year-over-year increase. California and New York led Q2 CCI ...

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The amount of grid-scale energy storage deployed in the US almost doubled in 2023, data from Wood Mackenzie shows. Grid-scale installations reached 7.9GWh last year, up from ...

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Global energy storage additions are on track to set another record in 2025 with the two largest markets - China and US - overcoming adverse policy shifts and tariff turmoil.

The EIA forecasts 18.2 GW of new utility-scale battery storage, building on the record 10.3 GW added in 2024. "This growth underscores the critical role of battery storage in balancing supply ...

In 2025, capacity growth from battery storage could set a record as we expect 18.2 GW of utility-scale battery storage to be added to the grid. U.S. battery storage already achieved record growth in 2024 ...

The addition of 4.7 GW established Q3 2025 as the strongest third-quarter on record for new storage capacity installations. It ranks as the second-largest quarter for new storage additions in ...

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