

# **Installed capacity of energy storage batteries in 2025 gwh**





## Overview

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How much battery storage capacity does a generator have in 2024?

In the United States, cumulative utility-scale battery storage capacity exceeded 26 gigawatts (GW) in 2024, according to our January 2025 Preliminary Monthly Electric Generator Inventory. Generators added 10.4 GW of new battery storage capacity in 2024, the second-largest generating capacity addition after solar.

Will battery storage set a record in 2025?

In 2025, capacity growth from battery storage could set a record as operators report plans to add 19.6 GW of utility-scale battery storage to the grid, according to our January 2025 preliminary electric generator inventory data.

How big will energy storage be in 2025?

BloombergNEF forecasts a record 94 GW (247 GWh) of utility-scale storage in 2025—a 35% rise—driven by China’s storage mandates. US tariffs, policy shifts and LFP dominance will drive growth to 220 GW/972 GWh by 2035. The global energy storage sector is on track for another record year in 2025 as utility-scale projects expand into new regions.

How much battery capacity will developers add in 2035?

BloombergNEF (BNEF) forecasts that developers will add 94 gigawatts (247 gigawatt-hours) of battery capacity this year, a 35% increase over 2024 and the highest annual total to date (excluding pumped hydro). Through 2035, BNEF expects the market to grow at a 14.7% compound annual rate, reaching annual additions of 220 GW/972 GWh.



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### [China National Energy Administration ...](#)

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### **Worldwide battery storage installations up 54% in first half of 2025**

Jul 15, 2025 · Deployed global capacity for the first half of 2025 culminates to 86.7 GWh of battery energy storage system (BESS) capacity, representing a year-on-year increase of 54%. The ...



### [China National Energy Administration Released Official ...](#)

Aug 3, 2025 · The China New Energy Storage Development Report 2025 represents a major milestone in the institutionalization of NES planning and governance in China. By quantifying ...

### [NEA: New-Type Energy Storage Installed Capacity Reached ...](#)

Aug 1, 2025 · The total installed capacity reached 94.91 GW / 222 GWh, representing a 29% increase compared to the end of 2024. Among regions, Inner Mongolia and Xinjiang each



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### [Cleanview January 2025 report](#)

Feb 11, 2025 · of clean energy capacity in 2025, according to developer projections. If those numbers hold, that would represent 26% growth, compared to 2023's growth rate of 47%.



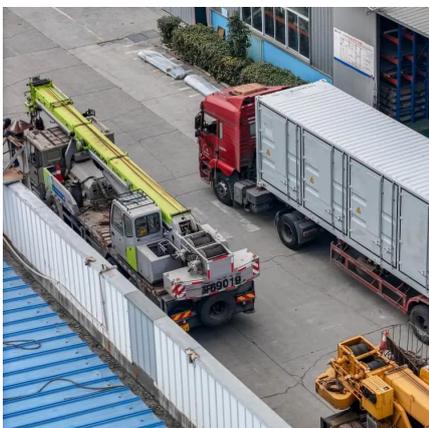
### [U.S. battery capacity increased 66% in 2024](#)

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### [Global Energy Storage to Hit 94 GW in 2025, ...](#)

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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, ...



### [Record 13.6 GWh of Battery Energy Storage Capacity Added ...](#)

Feb 21, 2025 · Rho Motion has reported a record addition of 13.6 GWh in global battery energy storage systems (BESS) for January 2025. This data comes from their "Battery Energy ...



## [European Market Outlook for Battery Storage 2025-2029](#)

May 7, 2025 · In 2024, Europe<sup>1</sup> installed 21.9 GWh of battery energy storage systems (BESS), marking the eleventh year of record-breaking annual additions since 2013, when our records ...



## [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 to Hit 94 GW in 2025, Says BNEF](#)

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