

# Expected new energy storage in 2025





## Overview

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Will energy storage growth continue through 2025?

With developers continuing to add new capacity, including 9.2 GW of new lithium-ion battery storage capacity in 2024 through November 2024 and comparable levels of growth expected through the fourth quarter of 2024, energy storage investments and M&A activity are expected to continue this trajectory through 2025.

How many GW of battery storage will be installed in 2025?

The pace of deployment is accelerating dramatically. In 2023 alone, global battery storage additions reached 42 GW—more than double the previous year's installations. Looking ahead, experts predict 80 GW of new additions in 2025, representing an eightfold increase from 2021 levels.

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.

Is energy storage on track for a record year in 2025?

The global energy storage sector is on track for another record year in 2025 as utility-scale projects expand into new regions. 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).

Why did energy storage surge in Q1 2025?

That makes Q1 2025 the biggest first quarter for energy storage in US history. The surge was led by utility-scale projects, which accounted for over 1.5 GW of the new capacity, a 57% jump compared to Q1 2024. Surging energy



demand is putting the electric grid under strain,” said John Hensley, SVP of markets and policy analysis at ACP.

How much storage capacity will be installed in 2025?

In the near term, the report expects 15 GW/49 GWh of new storage capacity to be installed across all segments in 2025, with utility-scale installations projected to grow 22% year-over-year. However, the utility-scale segment is at risk for a potential 29% contraction in 2026 due to policy uncertainty.



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### **TrendForce: Global Installations Outlook for Energy Storage ...**

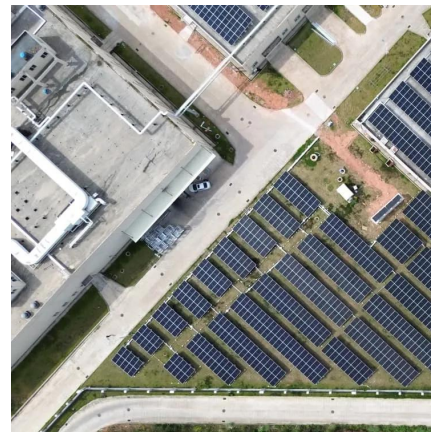
It is expected that Europe will have 26/37GWh new energy storage installed capacity in 2024/2025. The withdrawal of subsidies in some areas has led to a reduction in ...

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### **India set to add 30 GW of storage by 2027, outpacing demand ...**

India is projected to add 30 GW of new energy storage capacity by June 2027 through standalone and firm and dispatchable renewable energy (FDRE) projects, according to ...

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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 ...

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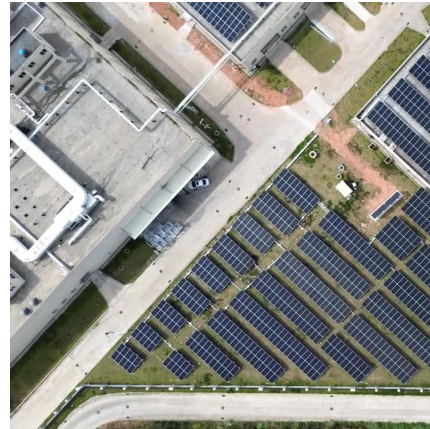
### **Energy storage: 5 trends to watch in 2025 , Wood Mackenzie**

The scene is set for significant energy storage installation growth and technological advancements in 2025. Outlook and analysis of



emerging markets, cost and supply chain risk, ...

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### **US energy storage set a new record in Q1 2025 but the future ...**

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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, ...

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