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# Battery Energy Storage Field 2025

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.

What is the future of battery energy storage?

Demand for energy storage continues to escalate, the global battery energy storage (BESS) landscape is poised for significant installation growth and technological advancements.

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).

What is the future of energy storage?

Global installed energy storage is on a steep upward trajectory. From just under 0.5 terawatts (TW) in 2024, total capacity is expected to rise ninefold to over 4 TW by 2040, driven by battery energy storage systems (BESS). Last year saw a record-breaking 200 gigawatt-hours (GWh) of new BESS projects coming online, a growth rate of 80%.

The energy transformation continues apace globally, deploying meaningful capital across many sectors. As the analysis reveals, 2025 will be a pivotal year for renewable energy ...

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Lithium-ion batteries are pivotal in modern energy storage, driving advancements in consumer electronics, electric vehicles (EVs), and grid energy storage. This review explores ...

The data shows that over half of June's installations were concentrated in China, maintaining the country's dominance in the global energy storage market. Deployed global capacity for the first half of 2025 ...

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