



New Energy Storage Capacity





Overview

After a historic 2025, when global BESS capacity surpassed 250 GW and overtook pumped hydropower, momentum is set to accelerate in 2026. Solar, wind, and batteries are set to supply virtually all net new US generating capacity in 2026, according to EIA data reviewed by the SUN DAY Campaign, continuing their strong 2025 growth. EIA's latest monthly "Electric Power Monthly" report (with data through November 30, 2025), once again. We expect 63 gigawatts (GW) of new utility-scale electric-generating capacity to be added to the U. power grid in 2025 in our latest Preliminary Monthly Electric Generator Inventory report. This amount represents an almost 30% increase from 2024 when 48.6 GW of capacity was installed, the largest. 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. Annual deployments are also set to scale in Germany, the UK, Australia, Canada, Saudi Arabia and Sub-Saharan Africa, driven. Total global capacity now stands at approximately 270 GW, with projections indicating the market will reach 1,545 GW by 2034 - nearly a sixfold increase. Energy storage has established itself as a critical component of the global energy transition. The electricity produced during the day.



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[Global Energy Storage Boom: Three Things to Know](#)

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 ...

New forecast: solar, wind and battery storage to dominate in 2026

Solar, wind and battery storage are forecasted to provide 99% of new electricity generating capacity in 2026 according to new data released by the Energy Information Administration.



EIA: 99%+ of new US capacity in 2026 will be solar, wind + storage

Solar, wind, and batteries are set to supply virtually all net new US generating capacity in 2026, according to the latest EIA data.

Global energy storage market surpasses 100 GW annual installation

The global energy storage market achieved substantial 43% year-on-year growth in 2025, with 106 GW of new capacity added worldwide. This represents a significant increase from the 73 ...



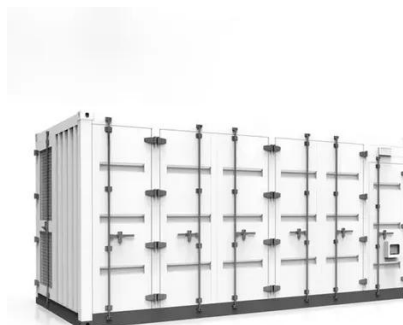
Energy Storage Outlook: The expanding role of BESS in global energy ...

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 ...



[China leads the world in new-type energy storage capacity](#)

According to China's National Energy Administration (NEA), by the end of 2024, the total installed capacity of new energy storage projects in China reached 73.76 million kilowatts, ...



Solar, battery storage to lead new U.S. generating capacity additions

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 ...

[Global installed energy storage capacity](#)



[by ...](#)

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



China aims to nearly double battery storage by 2027 in \$35 billion plan

Current installed new energy storage capacity, which is made up mostly of lithium-ion battery storage, was 95 GW as of June, the regulator, the National Energy Administration, said in

Energy-Storage.News

By the end of December 2025, China's cumulative installed capacity of new energy storage technologies including lithium-ion reached 144.7GW, representing an 85% year-on-year rise.





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