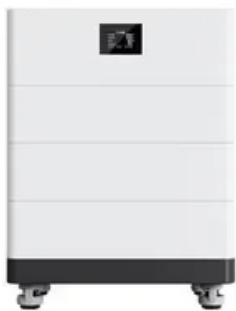


US Solar Energy and Energy Storage



Overview

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. power grid in 2025 in our latest Preliminary Monthly Electric Generator Inventory report. This amount represents an almost 30% increase from 2024 when 48. energy storage market set a record for quarterly growth in Q2 2025, with 5. 6 gigawatts (GW) of installations, according to the latest U. Energy Storage Monitor report released today by the American Clean Power Association (ACP) and Wood. The Office of Electricity's (OE) Energy Storage Division's research and leadership drive DOE's efforts to rapidly deploy technologies commercially and expedite grid-scale energy storage in meeting future grid demands. The Division advances research to identify safe, low-cost, and earth-abundant. The new tax law, commonly referred to as the One Big Beautiful Bill Act, rolled back many clean energy tax credits and imposed new restrictions, pressuring early-stage wind and solar pipelines.

US Solar Energy and Energy Storage



[Solar, battery storage to lead new U.S. generating capacity additions](#)

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. We expect this trend will continue in 2025, with 32.5 GW of new utility-scale solar ...

[SEIA Announces Target of 700 GWh of U.S. Energy Storage by 2030](#)

-- The Solar Energy Industries Association (SEIA) is unveiling a vision for the future of energy storage in the United States, setting an ambitious target to deploy 10 million distributed storage installations ...



[U.S. solar and energy storage poised for explosive growth 2025](#)

The landscape of energy in the United States is undergoing a significant transformation, with solar power and energy storage poised for remarkable growth by 2025.

[Solar And Storage Drive U.S. Energy Growth In 2025](#)

Solar and storage dominate U.S. power growth in 2025, cutting costs, boosting jobs, and securing America's clean energy future.



[US Energy Storage Installations Reach New Quarterly Record in Q2 with ...](#)

While early adopters continue leading in deployment, activity across the country shows clear demand for utility-scale energy storage as a solution to rising electricity prices and soaring energy demand. ...



[2026 Renewable Energy Industry Outlook . Deloitte Insights](#)

2025 has been a challenging year for renewables. The new tax law, commonly referred to as the One Big Beautiful Bill Act, rolled back many clean energy tax credits and imposed new restrictions, ...



[Utility-Scale Solar and Battery Storage Fuel US Power Growth](#)

While natural gas, coal, and nuclear power remain dominant, their combined share of generation is expected to decline as renewable energy expands. Utility-scale solar is the fastest-growing source, driven ...



[US solar group seeks major energy storage expansion , Reuters](#)

A U.S. solar industry group on Wednesday unveiled an aggressive goal to deploy vast amounts of energy storage capacity by 2030 to help renewables serve power-hungry customers.



[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.



Energy Storage

The Division advances research to identify safe, low-cost, and earth-abundant elements for cost-effective long-duration energy storage. OE's development of innovative tools improves storage ...



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