



Total solar capacity and energy storage capacity

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Discover how advancements in solar, battery storage, and AI are driving the U.S. generating capacity expansion, with a projected 63 GW increase in 2025.

Solar accounted for 56% of all new electricity-generating capacity added to the US grid in the first half of 2025, with a total of 18 GW installed. Combined, solar and storage accounted for 82% ...

All capacity data--including solar capacity--in this report is reported in MWac, not MWdc. This enables comparison across technologies (e.g. solar, wind, batteries, gas turbines, etc).

The Energy Information Administration said cumulative solar installations are expected to double from 91 GW to 182 GW from the end of 2023 to the end of 2026. Meanwhile, battery energy ...

Together, solar and battery storage account for 81% of the expected total capacity additions, with solar making up over 50% of the increase. Solar. In 2024, generators added a record ...

Solar, in line with the previous year, accounted for the largest share of the global total, with a capacity of 1 865 GW. Renewable hydropower¹ and wind energy accounted for most of the remainder, with total ...

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

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.

Together, solar and energy storage represented 81% of grid capacity additions in 2024, with 52% represented by solar and 29% by battery energy storage.



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Battery energy storage capacity meanwhile is undergoing unprecedented growth. A record 10.3 GW of grid-scale storage was added in 2024, and this record is expected to be smashed ...

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