



# What is the national solar power generation capacity

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

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 ...

Lawrence Berkeley National Laboratory compiled and synthesized empirical data on the U.S. utility-scale solar sector.

In 2024, over 30,000 MW of solar capacity came online, which is a 30% increase in operating solar capacity. An additional 34,000 MW are under preparation, testing, or construction and projected to ...

According to the 2025-2026 National Power Supply and Demand Analysis and Forecast Report released by the China Electricity Council on Monday, the combined installed capacity of wind ...

By the end of 2023, the U.S. had an estimated total capacity of 139 gigawatts (GW) from utility- and small-scale solar installations -- an increase of more than 26 GW or 23% from 2022.

In the first nine months of 2025, more than three-quarters of the electrical generating capacity added in the United States was solar power, according to new data published by the ...

Over 400 GW of new generation capacity is expected in 2026 China's installed solar power capacity is set to surpass coal for the first time in 2026. According to the 2025-2026 National Power ...

Almost 70 gigawatts (GW) of new solar generating capacity projects are scheduled to come online in 2026 and 2027, which represents a 49% increase in U.S. solar operating capacity ...



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In total, solar capacity in the United States grew 26% year-over-year to 184 GW.

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