



# Building solar power generation capacity

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Growth in utility-scale and distributed solar PV more than doubles, representing nearly 80% of worldwide renewable electricity capacity expansion. Low module ...

About this data Total solar capacity Total solar (on- and off-grid) electricity installed capacity, measured in gigawatts. This includes solar ...

Solar and battery storage are set to account for 79% of 86 GW of new utility-scale capacity planned in the United States in 2026, marking the largest annual increase in more than two decades ...

Solar power continues its run as the fastest-growing source of new generation. Developers plan to add 43.4 GW of utility-scale solar in 2026, a 60% increase over the record-setting 27.2 GW ...

In the first half of 2025, solar and wind together accounted for 91% of all new U.S. power generating capacity, continuing solar's dominance as the largest source ...

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 ...

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 ...

Solar and wind accounted for 91% of new US electrical generating capacity added in H1 2025, according to data just released by FERC.

This year, utility-scale solar is expected to continue its winning streak as the largest source of new electricity generation. More than half of new ...

Solar accounted for 58% of all new electricity-generating capacity added to the US grid through the third



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quarter of 2025, with more than 30 GW installed. Solar and storage, combined, ...

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