



# Solar grid-connected power generation installed capacity

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These tables and corresponding charts are provided to show the total installed electric generation nameplate capacity of all power plants one megawatt (MW) ...

New interconnection applications have slowed, but an estimated 93 GW of solar and 139 GW of storage capacity sought grid connection in 2024.

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 ...

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

Solar accounted for 58% of all new electricity-generating capacity added to the US grid through the third quarter of 2025, with more than 30 GW installed. Solar and storage, combined, ...

Project developers and utility operators are preparing for a historic expansion of the US electric grid, with 86 GW of new utility-scale generating capacity slated to come online in 2026 ...

Shows the annual installed capacity of residential and non-residential grid-connected solar photovoltaic systems by the different user types.

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

Table 1.1 shows the sources from which electricity can be generated in the U.S. Natural gas facilities make up a plurality of America's current generation capacity, followed by coal, wind, and solar ...



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Data on renewable power capacity represents the maximum net generating capacity of power plants and other installations that use renewable energy sources to produce electricity.

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