



# Solar energy half-year report photovoltaic power generation

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o Utility-scale solar (including PV and CSP technologies) and C& I PV electricity production dropped by 46% from its summer peak (July 2024) to its winter low (December 2024), ...

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, ...

Each quarter, the National Renewable Energy Laboratory conducts the Quarterly Solar Industry Update, a presentation of technical trends within the solar industry.

The US has installed 17.92GW of new solar capacity in the first half of the year, with quarter-on-quarter declines in capacity additions for the utility-scale and residential sectors.

The US clean electricity transition continued as wind and solar generated more than coal for the first time. Electricity demand growth sped up and solar generation rose more quickly than gas ...

Solar energy in the United States is booming. Along with our partners at Wood Mackenzie Power & Renewables, SEIA tracks trends and trajectories in the solar industry that demonstrate the diverse ...

The IEA PVPS Trends in Photovoltaic Applications 2025 report provides comprehensive data and analysis on global PV deployment, technology, and market evolution from 1992 to 2024.

Developers added 12 gigawatts (GW) of new utility-scale solar electric generating capacity in the United States during the first half of 2025, and they plan to add another 21 GW in the ...

The Trends Report analyses how the photovoltaic sector developed over the past year from a global perspective. According to the report, global installed photovoltaic capacity rose to ...



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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 costs, relatively efficient permitting processes ...

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