

By technology, solar photovoltaics held 99.35% of the United States solar energy market share in 2025, while concentrated solar power expanded at only 2.1% CAGR through 2031. By grid type, on-grid ...

Expert industry market research on the Solar Power in the US (2015-2030). Make better business decisions, faster with IBISWorld's industry market research reports, statistics, analysis, data, trends and forecasts.

In our STEO forecast, utility-scale solar is the fastest-growing source of electricity generation in the United States, increasing from 290 BkWh in 2025 to 424 BkWh by 2027.

Market leadership in the US solar sector reflects a mature industry experiencing sustained growth across all major segments, with residential installations showing 18% year-over-year growth while utility-scale projects ...

Solar power includes solar farms as well as local distributed generation, mostly on rooftops and increasingly from community solar arrays. In 2024, utility-scale solar power generated 219.8 terawatt-hours (TWh) in the ...

Solar is still growing fast, but experts disagree on how fast from 2025 to 2030. Some reports show strong growth tied to the Inflation Reduction Act and falling costs. Others expect a near-term dip because of policy shifts, ...

According to the U.S. Energy and Employment Report 2022, solar employment opportunities are on the rise in 47 U.S. states, buoyed by an increase in consumer, commercial, and utility demand. The solar industry ...

WORLDMETRICS REPORT 2026 Us Solar Industry Statistics The U.S. solar industry is booming, growing rapidly in capacity, jobs, and investment.

Lawrence Berkeley National Laboratory compiled and synthesized empirical data on the U.S. utility-scale solar sector. The focus is on ground-mounted systems larger than 5M AC, including photovoltaic (PV) standalone ...

The US solar industry installed 11.7 gigawatts direct current (GWdc) of capacity in Q3 2025, a 20% increase from Q3 2024, a 49% increase from Q2 2025, and the third largest quarter for deployment in ...

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