



New solar power generation production

China's solar energy production is reaching simply staggering levels, dragging energy costs down around the globe.

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. Almost 70 ...

Newly published data from the Federal Energy Regulatory Commission (FERC), reviewed by the SUN DAY Campaign, reveal that solar accounted for over 75% of US electrical generating ...

Solar continues to be the main fuel type for new additions, with over 30,000 MW of solar energy added in 2024, nearly double the amount added in 2023. This report also analyzes prospective generation ...

The report finds that the U.S. solar industry installed 10.8 GW of new electricity generating capacity in Q1, and solar and storage account for 82% of all new generating capacity ...

Electricity generation from solar, measured in terawatt-hours.

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, ...

Efforts to reshoring module production are growing. An estimated \$8 billion was used to bring new solar, wind, battery and electrolyzer manufacturing online in 2024.

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 ...

Solar deployment and electric vehicle (EV) sales broke records in 2023 and 2024. Renewables now dominate new power generation capacity, while new domestic clean energy ...



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