



Ranking of domestic solar power generation





Overview

California once again takes first place among the top states generating electricity from solar power this month. 4% of the United States' total of 24,519 thousand megawatt-hours, according to ChooseEnergy.com's February 2026 solar energy generation report. The report. Explore the latest solar market insights and policy updates in all 50 states and Washington, D. All market data is current through Q3 2025. Solar power is effectively infinite in supply and can be generated at any point at which sunlight reaches the ground in every. In 2023, the United States generated approximately 4.18 trillion kilowatt-hours of total electricity at utility-scale power generation facilities, with renewable energy sources contributing roughly 21% of this total and solar power making up 3. Meanwhile, utility-scale wind installations produced 425,235 GWh of electricity — a 2% drop compared to 2022 due to lower wind. This dashboard ranks countries/areas to their renewable energy power capacity or electricity generation. The data can be further refined based on region, technology or year of interest.



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Solar State By State - SEIA

Texas has the fastest growing solar economy with the largest utility-scale solar and energy storage projects in the nation. Ranking 2nd in the nation, Texas has 48.2 GW installed and is expected to ...

Electricity production by source, World

Solar (photovoltaic) panels cumulative capacity
Solar and wind power generation
Solar energy generation by region
Solar energy generation vs. capacity
Solar photovoltaic module prices vs. ...



[Chart: Which US states generate the most solar and... , Canary Media](#)

Nevada and California are among the states with the highest share of utility-scale solar generation as a percent of their overall electricity mix -- 23 % and 19 %, respectively.

Country Rankings

This dashboard ranks countries/areas to their renewable energy power capacity or electricity generation. The data can be further refined based on region, technology or year of interest.



[Solar Energy Generation by State Report February 2026](#)

The following table ranks the best and worst states for solar energy production (shown in thousand megawatt-hours) in October and November, number 1 represents the best state for solar ...

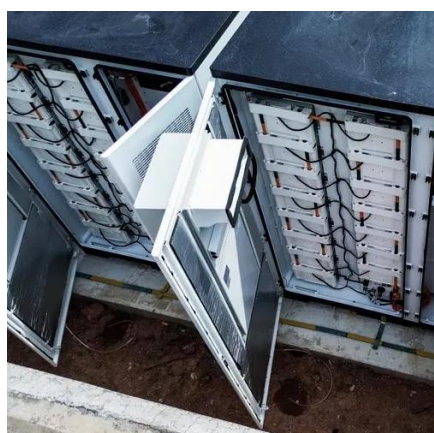
Solar power in the United States

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 ...



[Ranking of domestic solar power generation technologies](#)

This revised third edition of Power Generation Technologies explores even more renewable technologies in detail, from traditional fossil fuels and the more established alternatives such



[Which State Generates The Most Solar Power?](#)



Discover which U.S. state generates the most solar power and how solar capacity varies nationwide.



Solar Power by Country 2026

Data and analysis including a list of solar power in every country in ...

Solar Capacity by State 2026

This report summarizes the latest statistics on solar power capacity by state and highlights the top U.S. states in solar power generation.



Solar Power by Country 2026

Data and analysis including a list of solar power in every country in the world, countries with the most solar power, and countries that generate the highest percentage of their electricity from solar power.





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