

# What percentage of electricity is generated by solar energy



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### [Share of electricity generated by solar power](#)

About this data Share of electricity generated by solar power Measured as a percentage of total electricity produced in the country or region.



### [USA Solar electricity generation, percent](#)

The USA: Solar electricity generation, percent: The latest value from 2023 is 5.68 percent, an increase from 4.84 percent in 2022. In comparison, the world average is 4.92 percent, based on data from 185 ...



### [What Percentage Of Electricity Is Produced By Solar Power](#)

In 2023, solar energy accounted for approximately 5.5% of global electricity generation, up from 4.6% in 2020. Wind and solar generated nearly 12% of electricity globally in 2021, with 50 ...



### [Solar Power by Country 2026](#)

By the end of 2023, photovoltaic solar arrays provided an estimated 6.5% to 7% of the world's electricity, marking a continued rise in its contribution to global energy generation.



[Solar generation up 27%, accounting for 6.8% of all electricity](#)

Over the past 12 months, solar photovoltaic sources accounted for more than 6.8% of all electricity generated in the U.S., up from 5.5% in 2023, a 24% year-over-year increase, according to ...



[35 Latest Solar Power Statistics, Charts & Data \[2026\]](#)

4.4% of our global energy comes from solar power. China generates more solar energy than any other country, with a current capacity of 308.5 GW. The US relies on solar for 3.9% of its ...



[Renewables generated 24.2% of US electricity in 2024 - EIA data](#)

Together, solar was nearly 7% (6.91%) of total US electrical generation for the year. In December alone, electrical generation by utility-scale solar expanded by 42% compared to December



[Solar generation was 3% of U.S. electricity in 2020, but we project it](#)

According to our Electric Power Annual, solar power accounted for 3% of U.S. electricity generation from all sources in 2020. In our Short-Term Energy Outlook, we forecast that solar will ...



**ESS**



[Solar energy penetration U.S. 2024, Statista](#)

Solar energy accounted for some 6.91 percent of electricity generation in the United States in 2024, up from a 5.62 percent share a year earlier. California was the state with the largest

[What percent of the world uses solar energy? 2026](#)

In 2022, 4.6% of the world's electricity generation came from solar energy, an increase from the previous year. China consumed the largest share of the world's solar energy at 32.3%, with ...



[35 Latest Solar Power Statistics, Charts & Data \[2026\]](#)

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