



Number of solar power generation users





Overview

Globally, hundreds of millions of people are benefiting from solar energy, either directly through on-grid or off-grid installations, or indirectly through grid systems supplemented by solar farms, making it one of the fastest-growing energy sources worldwide. Nearly every country in the world has the right combination of geographic conditions, weather, and sunlight to generate all the. Ember (2026); Energy Institute - Statistical Review of World Energy (2025) - with major processing by Our World in Data This dataset contains yearly electricity generation, capacity, emissions, imports and demand data for European countries. Global solar photovoltaic capacity has grown from around 40 gigawatts in 2010 to approximately 2. Only in that last year. The world currently has a cumulative solar energy capacity of 850. 4% of our global energy comes from solar power. SEIA reported that the United installed 50. 0 GW dc of PV in 2024— up 21% y/y. • In 2024, solar represented 13.



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Spring 2025 Solar Industry Update

- Together, utility -scale solar and wind generation accounted for more power than coal generation. -
- Solar overtook hydropower to be the second -largest source of renewable energy ...

[Which countries use the most solar energy? \[Top 13, 2026\]](#)

Germany used 4.6% of global solar energy in 2022, making it the fifth biggest national consumer overall. The nation is also the European leader for solar capacity, with over 66.6GW ...



Solar PV

Find up-to-date statistics and facts on the global solar photovoltaic industry.

How Many People Use Solar Energy?

Globally, hundreds of millions of people are benefiting from solar energy, either directly through on-grid or off-grid installations, or indirectly through grid systems supplemented by solar ...



[America's Electricity Generating Capacity](#)

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 ...



Global Solar Atlas

The Global Solar Atlas provides a summary of solar power potential and solar resources globally. It is provided by the World Bank Group as a free service to governments, developers and the general ...



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.



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



In this article, with the help of charts and key statistical data, we reveal the latest solar power statistics that demonstrate how the industry has grown so far, and the outlook and potential for ...

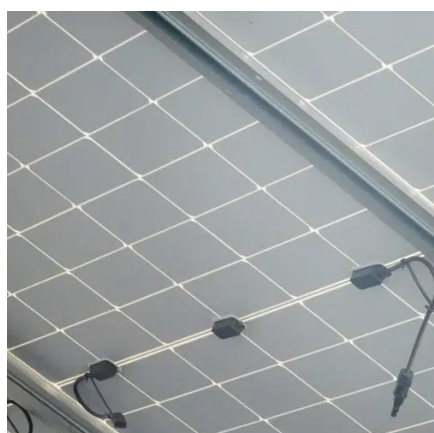


[90+ Solar Energy Statistics: The Green Gold Rush \(2025\)](#)

We've gathered over 90 key solar energy statistics to show you exactly what's happening in this fast-growing sector. Our data comes from trusted sources. These include IEA, SEIA, Forbes, ...

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

- Together, utility -scale solar and wind generation accounted for more power than coal generation. - Solar overtook hydropower to be the second -largest source of renewable energy ...



Solar power generation, 2025

This dataset contains yearly electricity generation, capacity, emissions, import and demand data for over 200 geographies. You can find more about Ember's methodology in this ...



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