

# Solar power generation has the highest share

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 ...

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.

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

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 ...

The worldwide growth of photovoltaics is extremely dynamic and varies strongly by country. In April 2022, the total global solar power capacity reached 1 TW, increasing to 2 TW in 2024. The top ...

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

Chart: Which countries get the most power from solar and wind? These two clean energy sources are growing quickly around the world. Here are the 10 countries that rely on them the most.

Clean power surpassed 40% of global electricity generation in 2024, driven by record growth in renewables, especially solar. Heatwaves contributed to high growth in electricity demand ...

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.

This ranking tracks the share of electricity generated from renewable sources (hydro, wind, solar, bioenergy and other renewables) as a percentage of a country's total electricity generation.

In 2024, Hungary was the leading country in solar energy penetration, with solar power accounting for almost \*\* percent of the country's electricity mix that year.



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