

Wind power and photovoltaic power generation ranking



Overview

The leading countries for per capita solar and wind generation capacity (W/person) are Sweden, Australia, Netherlands, Germany and Denmark, according to the latest IRENA data. Apart from Australia, all the leading countries are in Europe. This dashboard ranks countries/areas to their renewable energy power capacity or electricity generation. Wind power is clean, renewable, sustainable, affordable to construct, and easy to scale up or down in size to attain the optimal power output. Capacity has grown more than fourfold (466%) between. In a new monthly column for pv magazine, the International Solar Energy Society (ISES) reveals that Sweden, Australia, Netherlands, Germany and Denmark are the leading countries for per capita solar and wind generation capacity.

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[Who are the solar and wind champions?](#)

In a new monthly column for pv magazine, the International Solar Energy Society (ISES) reveals that Sweden, Australia, Netherlands, Germany and Denmark are the leading countries for ...

[Chart: Which countries get the most power from solar and wind?](#)

Wind and solar are on the rise worldwide -- here are the 10 countries that rely on the clean-energy sources most for their electricity. All of these countries used wind and solar to produce ...



Deye inverters and Deye batteries are more compatible.

[Wind and solar year in review 2024](#)

Global operating capacity increased by 14% in 2024, as at least 240 gigawatts (GW) of utility-scale solar and wind came online. Despite their 45% share of global gross domestic product ...

[Wind And Solar Energy: Global Electricity Generation 2024 , Low ...](#)

Compare Wind And Solar power generation by country with 2024 data and environmental impact.



[Top 100 Countries by Share of Renewable Energy in Power ...](#)

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.



[Wind Power by Country 2026](#)

Wind power and its synonym wind energy are terms that refer to ...



[Top Solar & Wind Deployment by Country](#)

Three of the top countries in terms of total capacity - Germany, Spain, and the UK - were also among the world leaders in percentage of domestic generation from wind and solar at ...



[Global wind and solar ownership rankings , S& P Global](#)

Collectively, global top 30 asset owners held 626 GW of solar and wind assets, accounting for 32% of the world's total. This marks a noticeable increase in market consolidation, up ...



[Wind Power by Country 2026](#)

Wind power and its synonym wind energy are terms that refer to electricity that has been generated by harnessing the power of wind, as opposed to other methods such as solar panels or the burning of ...

[Solar and wind 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 ...



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.

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