



Latest ranking of solar power generation

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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.

In April 2022, the total global solar power capacity reached 1 TW, increasing to 2 TW in 2024. The top installers of 2024 included China, the United States, and India. The following table lists these data for ...

The table provides the full Top 100 ranking using the latest harmonised full-year data available (2024, released/updated in 2025). This is a ranking of shares, not total production volumes.

Solar energy capacity is growing rapidly, driving the global transition to renewable energy. This graphic visualizes the top 15 countries by cumulative megawatts of installed ...

China remains the undisputed leader, producing nearly 400 billion kWh of solar energy in 2025. It holds more than one-third of the world's solar capacity, expanding by 45 per cent over the ...

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 ...

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 ...

7dChina added record wind and solar power in 2025, data showsThe record renewable additions were equivalent to about 17,000 wind turbines and 500 million solar panels, though gas and coal power also jumped.· 6dEconomic Survey Says India Ranks Third In Renewable Energy, Solar Capacity But Controversies ExistThe delays are beginning to impact future investments in the renewable energy sector, with developers facing uncertainty despite completed auctions and available generation capacity.pv magazine Intern...· 1dSenegal's solar capacity hits 671 MWSenegal has reached an 84% electrification rate, with 294 MW of residential PV installed, while several large-scale solar-plus-storage projects are under

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development, despite the start of production ...Climate Home Ne...· 22hAfrica records fastest-ever solar growth, as installations jump in 2025Installations of solar power in Africa jumped 54% in 2025, new data shows, marking the fastest annual growth on record, driven by governments and development agencies deploying utility-scale projects ...See allFeedbackThanks!Tell us moreSee more news.rcimgcol .cico {

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...See MoreThe table provides the full Top 100 ranking using the latest harmonised full-year data available (2024, released/updated in 2025). This is a ranking of shares, not total production volumes.

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.

OverviewGlobal use figuresAfricaAsiaEuropeNorth AmericaOceaniaSouth AmericaMany countries and territories have installed significant solar power capacity into their electrical grids to supplement or provide an alternative to conventional energy sources. Solar power plants use one of two technologies: o Photovoltaic (PV) systems use solar panels, either on rooftops or in ground-mounted solar farms, converting sunlight directly into electric power.

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.

Explore the top solar power countries in 2025, including China, the U.S., India, Japan, and Germany, plus emerging leaders like Brazil and Australia, driving the global shift to sustainable ...

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