



# Ranking of solar power stations in my country

Which country has installed the most solar power in 2024?

In 2024, China has installed more solar than the entire capacity of most countries combined, which is astonishing, 278,000+ MW, which is just not making China the leading country in the installation of solar power, but China is setting the global pace in solar power installation. 2. United States - 177,470 MW (Growth: 27.5%)

Which countries have installed solar power?

Over a year, Italy was one of the leading countries in Europe for the installation of solar, but again Italy is adding capacity of solar power installed in every area through a mix of small-scale and utility-scale installations. 10. South Korea - 26,645 MW (Growth: 13.4%)

Which country has the most solar power in the world?

1. China - 887,930 MW (Growth: 45.6%) China remains the mega global leader in solar power installation. With nearly 888 gigawatts of installed capacity, it has outpaced the rest of the world by a huge margin.

Which countries are leading the solar energy transition?

Overall, the Asia Pacific region is leading the solar energy transition, with six countries in this region: China, Japan, India, Australia, South Korea, and Vietnam, ranking among the top 15. Asian countries are making a concerted effort to transition to renewable energies, given their high energy demand and heavy reliance on coal for energy.

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. [Home](#) > [Data](#) > [View ...](#)

We present the list of solar photovoltaic plants and parks ranking as the largest on our planet. The table does not include the projects under construction or development, but it is regularly updated, so you ...

Top-10 Countries with the Most Solar Power Plants Installed, Check the List China leads the world in solar power with nearly 888 GW installed - more than most countries combined. Massive ...

Discover the top countries with the most solar power installed in 2025. Explore global solar growth trends, annual installation rates, and how nations are embracing clean, renewable ...

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 ...

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 ...

What We're Showing This treemap chart shows the state of the world's solar photovoltaic (PV) installations



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as of 2024, broken down by region with the top 15 countries labeled. The chart's ...

In 2025, global solar averages 6.7kWh/m<sup>2</sup>/day with LCOE of \$0.043/kWh, accounts for 78% of renewable capacity, and saves US\$ 467 billion in fossil fuel costs.

This ranking highlights countries where renewable sources already deliver most grid electricity. The metric is the share of domestic electricity generation coming from hydro, wind, solar, ...

Top countries for utility-scale (4-MWac+) solar projects at end 2023 [a] These top 30 countries account for 570-GWac, ~94% of the world total. [b] GWac total for projects over 4MWac; ...

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