

How many GW of wind a year?

Over the twelve months from July 2024 to June 2025, the sector added 148 GW, compared with 125 GW during the preceding twelve-month period. By the end of June 2025, total installed wind power capacity reached 1'245 GW (1,25 terawatts), representing a 13,5% annual growth rate.

How much wind power does the world have?

According to preliminary statistics published today by the World Wind Energy Association, global wind power capacity has now reached 1'173'581 Megawatt- well below the estimates published by WWEA in autumn 2024.

How much wind power will the world produce in 2025?

By the end of 2025, global cumulative wind capacity is projected to exceed 1'320 GW, sufficient to generate around 12% of the world's electricity. Country Highlights

How much wind power does the United States have?

Wind power capacity totals 151 GW, making it the fourth-largest source of electricity generation capacity in the country. This is enough wind power to serve the equivalent of 46 million American homes." Wind in the US is currently the largest source of renewable electricity generation, providing 9.8% of the country's electricity.

The 2 TW milestone is expected to be achieved in just seven years Compared with the 2030 global outlook released alongside last year's Global Wind Report, GWEC Market Intelligence ...

Find up-to-date statistics and facts on the global wind power market.

Share of wind power in electricity generation and consumption The world's installed wind power capacity now meets well over 10% of global electricity demand - and much more than nuclear ...

Aenert news. Energy Market & Energy Statistics The Global Wind Report -2025 represented by Global Wind Energy Council (GWEC) gives an overview on the wind energy industry ...

Wind power generation, 2025 Annual electricity generation from wind is measured in terawatt-hours (TWh) per year. This includes both onshore and offshore wind sources.

China, the global leader in wind energy generation, produced 466. 5 MWh in 2022, accounting for over 40 percent of the world's wind energy. The United States followed closely behind, ...

In the US less wind power capacity has been added each year compared to the years preceding the signing of the influential 2022 Inflation Reduction Act and the EU has also experienced ...

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The world's wind power sector recorded strong growth in the first half of 2025, with global installations rising by 64% compared to the same period of 2024. A total of 72,2 gigawatts ...

Net Zero emissions by 2050 Scenario, generation must increase on average 18% per year during 2021-2030. It is also necessary to raise annual capacity additions to 310 GW of onshore wind and 80 GW ...

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