



Ranking of wind power generation capacity

How many GW of wind power are there in 2022?

The worldwide total cumulative installed electricity generation capacity from wind power has increased rapidly since the start of the third millennium, and as of the end of 2022, it amounts to almost 900 GW.

Which country has the most wind power?

China is the world leader in wind energy, with over one-quarter of the world's wind power capacity. The country has the world's largest onshore windfarm in Gansu Province, built out of the Gobi Desert. The project's 10GW peak capacity sits a long way above its closest rival at time of writing, though announced projects will soon rival it.

Which countries produce the most wind power in 2022?

Denmark produced 55% of its electricity from wind in 2022, a larger share than any other country. Latvia's wind capacity grew by 75%, the largest percent increase in 2022. In November 2018, wind power generation in Scotland was higher than the country's electricity consumption during the month.

What percentage of Canada's energy comes from wind?

Wind accounts for approximately 5% of Canada's renewable energy supply. Canada's many mountains and rivers allow it to generate 67.5% of power from hydroelectric sources. Annual wind power additions peaked in 2014 and have significantly reduced since. The state of Ontario has the largest amount of wind energy, with over 5GW installed.

Which country has the highest installed wind capacity?

Germany - installed wind capacity of 64GW In Europe, Germany has the highest installed wind capacity, with more than 60GW. Its largest offshore windfarms are the Gode Windfarms (phase 1 & 2), which have a combined capacity of 582MW.

Which countries have the highest wind turbine capacity in 2023?

Here are the countries with the highest wind turbine capacity as of 2023: Capacity figures include both onshore and offshore wind on an alternating current basis. China leads the world in wind energy, boasting a wind turbine capacity of 441,895 megawatts--nearly three times that of the U.S., which ranks second.

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