

Wind energy units

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. Since 2010, more than half of all new wind power was added outside the traditional markets of Europe and North America, mainly driven by the continuing boom in China and India. China alone had over 40% of the world's capacity by 2022.

Wind power is used on a commercial basis in more than half of all the countries of the world. 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.

Data are sourced from Ember and refer to the year 2023 unless otherwise specified. The table only includes countries with more than 0.1 TWh of generation.

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Dr. Shelie Miller was one of 85 recipients of the Presidential Early Career Awards for Scientists and Engineers, the highest honor bestowed by the United States government on science and engineering professionals in the early stages of their independent research careers. President Obama said. "I am confident that these individuals, who have shown such tremendous promise so early in their careers, will go on to make breakthroughs and discoveries that will continue to move our nation forward in the years ahead."

10. U.S. EIA (2024) International Energy Statistics: Total Electricity Net Consumption.<https://www.eia.gov/international/data/tools/total-electricity-net-consumption>

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