



# How much wind power accounts for the total electricity generation





## Overview

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The world's installed wind power capacity now meets well over 10% of global electricity demand – and much more than nuclear power. Ember (2026); Energy Institute - Statistical Review of World Energy (2025) – with major processing by Our World in Data This dataset contains yearly electricity generation, capacity, emissions, imports and demand data for European countries. Government requirements and financial incentives for renewable energy in the United States and in other countries have contributed to growth in wind power. In the US, the figure is higher than it is globally. 2% of electricity in the United States. 6. Electricity generation from wind involves a series of processes where wind turbines capture the wind's kinetic energy and transform it into electrical energy.



## How much wind power accounts for the total electricity generation



### Global Statistics

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 ...

### [Wind Energy: Global Electricity Generation 2024 , Low ...](#)

Wind generates 8.4% of global electricity as a clean energy source. Compare Wind power generation by country with 2024 data and track the low-carbon transition.

### ESS



### [Share of electricity production from wind, 2025](#)

This dataset contains yearly electricity generation, capacity, emissions, import and demand data for over 200 geographies. You can find more about Ember's methodology in this ...



### Wind Energy Factsheet

Wind supplies 57% of Denmark's electricity generation and over 20% in ten other countries. 7 Global wind additions reached a record 117 GW in 2023. 7 In 2024, onshore installations surpassed 100 GW ...



### America's Electricity Generating Capacity

The largest fuel source for this capacity is natural gas (42.7%), followed by coal (15%). Wind, nuclear, solar, and hydro together account for more than one-third of capacity. Solar continues to be the main ...



### **Electricity generation from wind**

In 2022, wind turbines were the source of about 10.3% of total U.S. utility-scale electricity generation. Utility scale includes facilities with at least one megawatt (1,000 kilowatts) of electricity ...



### How Much Of The Us Energy Comes From Wind Power?

Wind energy is now the leading source of renewable power generation in the US, accounting for roughly nine percent of electricity generation. In 2022, wind power generated 434 ...



### **Wind & Solar Share in Electricity**



## Production Data , Enerdata

In 2024, global renewable installation reached new records, with over 450 GW of new solar capacity and over 110 GW of new wind capacity. China accounted for over 60% of these renewable installations, ...



## [Wind Power Facts and Information , ACP, ACP](#)

Utility-scale wind energy is the largest source of renewable electricity generation in the United States, providing 10% of the country's electricity and is continuously growing.

## [13 Compelling Wind Energy Statistics & Facts \(Updated 2026\)](#)

It would take around 2.5 Million onshore wind turbines to provide enough electricity to power the whole world in 2026. This calculation was first done by GWEC secretary Steve Sawyer ...





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