

# How big is the volume of energy-saving wind power generation



## Overview

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Wind power is the nation's largest source of renewable energy, with more than 150 gigawatts of wind energy installed across 42 U. These projects generate enough electricity to power more than 40 million households. 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. Modern wind turbines are. Total annual U. Utility scale includes facilities with at. 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. in 2024, down from recent years.

## How big is the volume of energy-saving wind power generation



[WWEA Annual Report 2023: Record Year for Windpower](#)

Countries like Denmark, leading with 56% of its electricity generated from wind, alongside Germany, the Netherlands, Portugal, the UK, and Uruguay, demonstrate the potential and ...

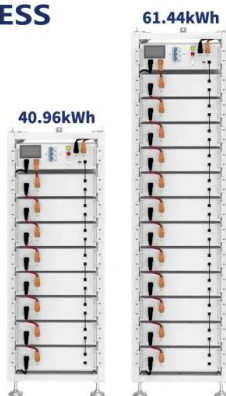
[Wind Energy , Department of Energy](#)

Wind power is the nation's largest source of renewable energy, with more than 150 gigawatts of wind energy installed across 42 U.S. States and Puerto Rico. These projects generate ...

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### Wind Energy Factsheet

In 2022, 9.6M customers procured 272 million MWh of renewable energy through the market, or 38% of the U.S. non-hydro renewable energy generation. 67% of market sales were from wind, while 33% ...

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

Wind power capacity totals over 155 GW, making it the fourth-largest source of electricity generation capacity in the country. This is enough wind power to serve the equivalent of nearly 50 million ...



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

About this data Share of electricity generated by wind power Measured as a percentage of total electricity produced in the country or region.

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

The largest wind farm in the US is the Alta Wind Energy Center (AWEC) near Mojave in California. It is also the third largest in the world, with 600 turbines and a capacity of 1.54 GW.



### [Wind Energy Growth , Energy Markets & Planning](#)

Just over 4 gigawatts (4,000 megawatts) of new wind power capacity was installed in the U.S. in 2024, down from recent years. Output from 154 gigawatts of installed wind now makes up 10.3% of the ...

## Global Statistics

The world's installed wind power capacity now meets well over 10% of global electricity demand - and much more than nuclear power. More than 30 countries now have a share of wind ...



## 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 ...



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