



# About Wind

## U.S. Wind Energy Facts\*

Wind power capacity totals **151 GW**, making it the **fourth-largest source of electricity** generation capacity in the country.



## Wind is America's largest source of renewable energy.



Wind power capacity totals

**151 GW nationwide**

Wind energy provides a **quarter** of the electricity produced in **eight states**



**346M**

CO2 emissions avoided

Equivalent to taking 76 million cars off the road



**10.3%**  
of the country's electricity

Largest source of renewable energy in the U.S.



Powers the equivalent of

**46 million homes**



Supports more than

**300,000**

Americans across all 50 states



**80%**

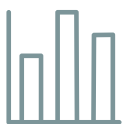
above the nation average

The wind industry employs America's veterans



**Turbine Technician**  
Second fastest growing job

Need increasing by 44% over the next decade



**\$148B**  
spent in the last decade

Wind is a major economic contributor to the American economy



**\$2B**  
paid out locally

In state and local taxes and land-lease payments last year



**\$10B**  
invested in 2023 alone

Investment in new projects nationwide

\*American Clean Power Association, Wind Power Facts and Statistics, 2025.



## Where does the energy go?

The grid isn't like a pipeline that takes power from point A to point B — it's more like a bathtub, where water can be added and taken out, but it's impossible to know which exact water molecules those are. Wind projects add energy to the grid, and those electrons strengthen the local grid, flowing through the path of least resistance wherever the power is needed. This project will help strengthen the overall grid for all users by adding additional capacity to power the homes and businesses that need it.



## Wind Energy Overview

About **2 percent** of the land is needed for the turbines themselves. The vast majority of land used to host turbines can continue to be used for its original purposes, such as ranching, farming, wildlife habitat, and recreation.

The energy produced by our wind farms provides power to hundreds of thousands of American homes and businesses.

## How does EDPR sell energy?

Owner-operators like EDPR make money by selling energy through power purchase agreements (PPAs). Through PPAs, customers — such as utilities, electric cooperatives and commercial or industrial companies — purchase a set percentage of the energy generated by the wind farm at a fixed price for a number of years. Owner-operators like EDPR use the long-term commitments from buyers to secure the capital needed to build the projects, and buyers use the agreements to help build a diverse portfolio of reliable, predictable electricity supply, as well as to firm their electricity input costs for the long term. In addition to having locked-in energy prices for their operations, by purchasing from the wind farm, customers are able to demonstrate to stakeholders and regulators that they are powered by renewable energy specifically, which is an increasingly common goal for many corporations and utilities.

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## About us

EDP Renewables North America LLC (EDPR NA), its affiliates, and its subsidiaries develop, construct, own, and operate wind farms, solar parks, and energy storage systems throughout North America. Headquartered in Houston, Texas, with 61 wind farms, 26 solar parks, and eight regional offices across North America, EDPR NA has developed more than 12,000 megawatts (MW) and operates more than 11,400 MW of onshore utility-scale renewable energy projects. With more than 1,000 employees, EDPR NA's highly qualified team has a proven capacity to execute projects across the continent.

For more information, visit [edprnorthamerica.com](https://edprnorthamerica.com).

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