WHEAT FIELD
WIND FARM®

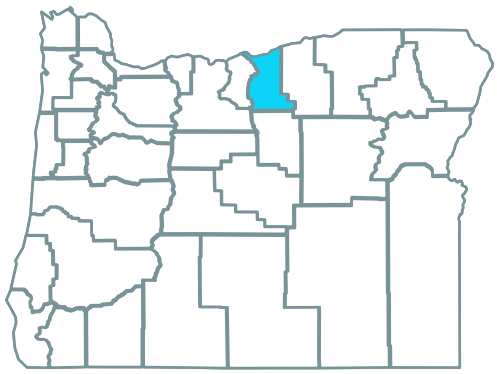
Wheat Field Wind Farm

Gilliam County, Oregon

Installed capacity: **97 MW**

Online since: **2009**

Generation is equivalent to the average consumption of more than **26,198 Oregon homes**.[1]



Wheat Field Wind Farm is located in Gilliam County near the city of Arlington in Oregon. The wind farm spans approximately 8,500 acres of private ranchland that overlooks the windswept banks of the Columbia River Gorge.

Economic benefits

$19.6 million
TOTAL PROJECT IMPACT[2]

$8.7+ million
PAID TO LOCAL GOVERNMENTS[4]

$10.8+ million
PAID TO LANDOWNERS[3]

Millions of dollars
SPENT LOCALLY[5]

PERMANENT JOBS[6]
Multiple jobs created

CONSTRUCTION JOBS[6]
Hundreds of jobs created

Energy security

Power generated at Wheat Field supports the state of Oregon's electric grid. The wind farm contributes to the **energy security for the United States**, helping diversify domestic supply.

Wind energy and land use

Wind turbines have a limited footprint, **leaving 98 percent of the project's leased land undisturbed** and available for farming, wildlife habitat, ranching, or recreation.[7]

Wind energy supports American manufacturing

More than 450 American factories produce parts and materials for the U.S. wind industry, which **employs more than 130,000 Americans**.[8]

All economic data reflects the economic contributions of the project through 2024.

Wheat Field's environmental impact

The wind farm saves more than **172 million gallons** of water each year and prevents the air pollution that causes smog and acid rain.[9]

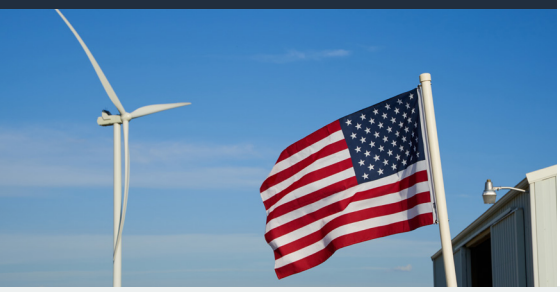
EDPR NA's impact in North America from wind energy[10]

$575+ million
PAID TO LANDOWNERS

$558+ million
PAID TO LOCAL GOVERNMENTS

7,400+
CONSTRUCTION JOBS CREATED

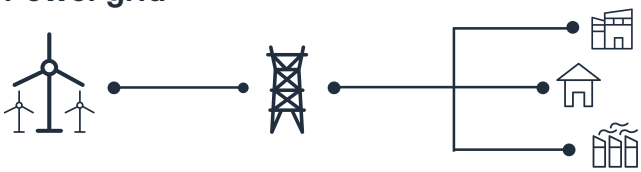
610+
PERMANENT JOBS CREATED



How wind energy works

EDPR NA uses wind turbines to harness the natural resource of wind to generate mechanical energy. This energy is transformed into electricity via a generator and is sent to the electrical grid after being converted to the proper voltage.

Power grid



Wind is one of the cheapest forms of energy.[11]

Wind energy provides at least a quarter of the electricity produced in eight states.[12]

Local experience with EDPR NA

"I became a county comissioner because I was concerned about economic development. What can we do to develop our county and make life better for our residents and our community? Renewable energy plays a big part in us reaching that. I never imagined that our county would look like it does today, or would have the potential to go where it can go. It's just mind-boggling to me."

Pat S., County Commissioner, Oregon

Scan the QR Code to explore educational resources on renewables and how we are empowering local economies, as well as meeting today's rising energy demands.

Scan the QR Code using the camera on your mobile device.

[1] Power generation calculated using a 35% capacity factor. Household consumption based on the 2023 EIA Household Data monthly average consumption by state.

[2] Includes vendor spending, property taxes, and landowner payments through 2024.

[3] Cumlative landowner payments through 2024.

[4] Cumlative local government payments through 2024.

[5] Cumulative local vendor spending including payments to contractors, suppliers, and service companies, as well as donations within 50-miles of the project area through 2024.

[6] Full-time equivalent jobs calculated by dividing number of contractor hours worked during construction by 2080.

[7] American Clean Power Association, Wildlife and Wind Power Facts, 2021.

[8] American Clean Power Assocaciation, Wind Power Facts, 2024.

[9] Assumes 0.58 gallons of water consumed per kWh of conventional electricity from Lee, Han, & Elgowainy, 2016.

[10] Based on EDP Renewables North America's operational wind farms through 2024.

[11] Lazard's Levelized Cost of Energy 2024 (version 17.0)

[12] American Clean Power Association, Wind Power Facts and Statistics, 2025.

About us

EDP Renewables North America LLC (EDPR NA), its affiliates, and its subsidiaries develop, construct, own, and operate wind farms and solar parks 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 **www.edprnorthamerica.com.**

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