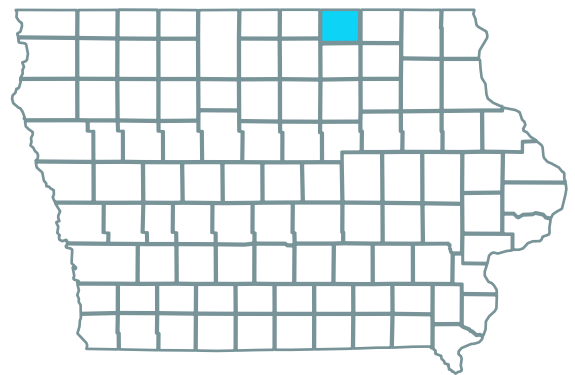




Turtle Creek Wind

Mitchell County, Iowa

- ⚡ Installed capacity: **199 MW**
- 🏠 Commercial operation: **2018**
- 🏠 Homes powered: **57,200 Iowa homes.**¹



Turtle Creek Wind is located in northeastern Iowa, 25 miles northeast of Mason City and approximately 110 miles southeast of Minneapolis. The site complements the area's robust crop production and provides local agricultural producers with a stable revenue stream in the form of landowner lease payments.



\$61 million
Total project impact



\$6 million
Revenue for public services



\$22.7 million
Revenue for landowners



\$32 million
Local spending



8
Permanent jobs



146
Construction jobs

Energy security

Power generated at this site **will strengthen Iowa's electric grid while contributing to broader U.S. energy security** by diversifying domestic power supply.

Wind energy and land use

Wind turbines have a minimal land footprint, leaving approximately **98% of leased land available** for continued farming, wildlife habitat, ranching, or recreation.²

Wind energy supports American manufacturing

The U.S. wind industry supports a robust domestic supply chain, with **more than 450 factories and over 130,000 American jobs** nationwide.³

Turtle Creek's environmental impact

This project will conserve **over 353.8 million gallons** of water annually and reduce air pollution linked to smog and acid rain.⁴



EDPR NA: Powering North America with wind energy⁵



2.5 million
Homes powered



\$584.9 million
Revenue for
landowners



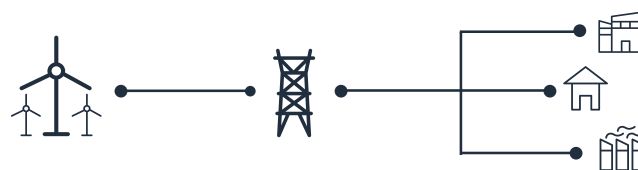
\$615 million
Revenue for
public services



8,200 jobs
Permanent &
construction

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.



As one of **the most cost-effective energy sources available** today, wind energy already provides at least **25% of electricity generation** in eight U.S. states.^{6,7}

Local experience with EDPR NA

“I think that EDPR fits well in our town. They're so gracious to come on board with our community, work with us, and help us to keep that small town, big heart alive.”

Lindsey F., Business Owner, Iowa



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.*



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

²American Clean Power Association, Wildlife and Wind Power Facts, 2021.

³American Clean Power Association, Wind Power Facts, 2024.

⁴Assumes 0.58 gallons of water consumed per kWh of conventional electricity from Lee, Han, & Elgowainy, 2016.

⁵Based on EDP Renewables North America's operational wind sites through 2025.

⁶Lazard's Levelized Cost of Energy 2024 (version 17.0)

⁷American 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, 29 solar parks, four energy storage sites, and eight regional offices across North America, EDPR NA has developed more than 12,900 megawatts (MW) and operates more than 12,300 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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