



Nation Rise Wind

United Counties of Stormont, Dundas, & Glengarry, Ontario

⚡ Installed capacity: **100 MW**

🏠 Commercial operation: **2019**

🏠 Homes powered: **11,600 Ontario homes.**¹

Nation Rise Wind is located approximately 40 kilometers southeast of Ottawa, ON. The site is situated in the Municipality of North Stormont within the United Counties of Stormont, Dundas, and Glengarry. The area is mainly comprised of agriculture land predominantly used for dairy farming, corn, and soybeans.



\$30 million
Total project impact



\$508,700
Revenue for public services



\$4.6 million
Revenue for landowners



\$25 million
Local spending



7
Permanent jobs



69
Construction jobs

Energy security

Power generated at this site **will strengthen Ontario's electric grid while contributing to broader Canadian 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

With **341 wind energy projects producing power** across the country, Canada's wind energy capacity grew 35% in the past 5 years (2019-2024).³

Nation Rise's environmental impact

This project will conserve **673 million liters** 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

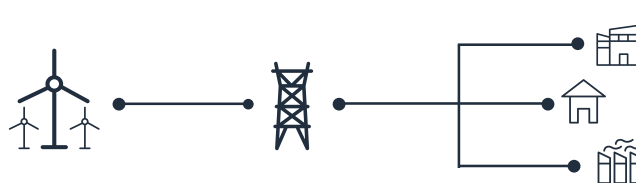
 **\$582 million**
Revenue for landowners

 **\$614 million**
Revenue for public services

 **8,000 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.



Wind is one of the cheapest forms of energy.⁶

Canada ranks 9th in the world for installed wind energy capacity.⁷

Local experience with EDPR NA

“The wind project has helped the township lower its taxbase, which helps everyone in the community.”

Arnie H., Landowner and Farmer, Ontario, Canada



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.

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¹Power generation calculated using a 35% capacity factor. Household consumption based on the 2024 EIA Household Data monthly average consumption by state.

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

³Canadian Renewable Energy Association, January 2025.

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)

⁷IRENA Renewable Electricity Capacity and Generation Statistics, 2023.

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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