




# Nation Rise Wind Farm

United Counties of Stormont, Dundas, & Glengarry, Ontario

 Installed capacity: **100 MW**

 Online since: **2021**

 Generation is equivalent to the average consumption of more than **35,000 Ontario homes**.<sup>1</sup>

Nation Rise Wind Farm is located approximately 40 kilometers southeast of Ottawa, ON. The Nation Rise Wind Farm 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.



## Economic benefits



**\$30+ million**  
TOTAL PROJECT IMPACT<sup>2</sup>



**\$383,600**  
PAID TO LOCAL GOVERNMENTS<sup>4</sup>



**\$4.6 million**  
PAID TO LANDOWNERS<sup>3</sup>



**\$25.1 million**  
SPENT LOCALLY<sup>5</sup>



PERMANENT JOBS<sup>6</sup>  
**7 jobs created**



CONSTRUCTION JOBS<sup>6</sup>  
**69 jobs created**

### Energy security

Power generated at Nation Rise supports Ontario's electric grid. The wind farm also contributes to the **energy security for Canada**, 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.<sup>7</sup>

### Wind energy in Canada

With **341 wind energy projects producing power** across the country, Canada's wind energy capacity grew 35% in the past 5 years (2019–2024).<sup>8</sup>

## Nation Rise's environmental impact

The wind farm saves more than **177 million gallons** of water each year and prevents the air pollution that causes smog and acid rain.<sup>9</sup>



## EDPR NA's impact in North America from wind energy<sup>10</sup>



**\$575+ million**  
PAID TO  
LANDOWNERS



**\$558+ million**  
PAID TO LOCAL  
GOVERNMENTS



**7,400+**  
CONSTRUCTION  
JOBS CREATED

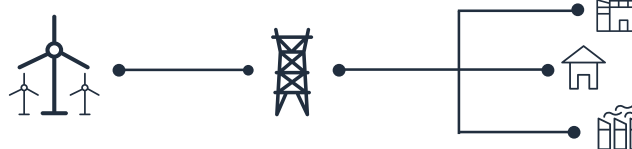


**610+**  
PERMANENT  
JOBS CREATED

## 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.<sup>11</sup>**

Canada ranks 9th in the world for installed wind energy capacity.<sup>12</sup>

## 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*



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

<sup>2</sup> Includes vendor spending, property taxes, and landowner payments through 2024.

<sup>3</sup> Cumulative landowner payments through 2024.

<sup>4</sup> Cumulative local government payments through 2024.

<sup>5</sup> 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.

<sup>6</sup> Full-time equivalent jobs calculated by dividing number of contractor hours worked during construction by 2080.

<sup>7</sup> American Clean Power Association, Wildlife and Wind Power Facts, 2021.

<sup>8</sup> Canadian Renewable Energy Association, January 2025; most recent data.

<sup>9</sup> Assumes 0.58 gallons of water consumed per kWh of conventional electricity from Lee, Han, & Elgowainy, 2016.

<sup>10</sup> Based on EDP Renewables North America's operational wind farms through 2024.

<sup>11</sup> Lazard's Levelized Cost of Energy 2024 (version 17.0)

<sup>12</sup> IRENA Renewable Electricity Capacity and Generation Statistics, 2023.

## About us

EDPR 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](http://www.edprnorthamerica.com).

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