

# Outlaw Trail Wind Project

## Project Overview

**230 MW**  
Nameplate Capacity

**100,000**  
Homes Powered

**7 Full-Time**  
Operations Positions

**\$800,000**  
RM Annual Tax Revenue

The Outlaw Trail Wind Project is a 230 MW wind facility proposed on private and Crown land near Big Beaver, Saskatchewan. This Project would consist of up to 51 wind turbines and provide clean, renewable energy for approximately 100,000 homes annually.

The Project is located in the Rural Municipalities of Happy Valley and Hart Butte, approximately 5 km north of Big Beaver and 22 km south of Bengough.

BluEarth Renewables first began outreach efforts on this Project in 2016. Over the last year, our team has been working to obtain approval from the Ministry of Environment, consulting with stakeholders and completing further technical and environmental studies as part of the development process.

We plan to submit the Project in the upcoming SaskPower renewable energy procurement, awarding long-term generation contracts for wind energy in Saskatchewan. If the Project is successful in securing a power purchase agreement, we anticipate that construction could begin as early as 2022.

### About BluEarth Renewables

BluEarth Renewables brings together extraordinary people with the power to change the future™ by delivering renewable energy to the power grid every day. Headquartered in Calgary, we are a leading, independent, power producer that acquires, develops, builds, owns and operates wind, hydro and solar facilities across North America. Our portfolio includes 333 MW net (405 MW gross) of nameplate capacity in operation and under construction and over 1,000 MW under development.

BluEarth Renewables is committed to ongoing engagement with the community, if you have any additional questions, please email us at [projects@bluearth.ca](mailto:projects@bluearth.ca) or call 1-844-214-2578

### Proposed Project Facilities Include:

- 34.5kV electrical collector system
- 34.5kV to 230kV Project substation
- 230kv transmission line from Project substation to the SaskPower point of interconnection to the west, to be constructed by SaskPower
- An operations and maintenance building
- A concrete batch plant during construction
- Temporary and permanent access roads
- SCADA communications
- Other associated facilities



*Power to Change* THE FUTURE™

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## Frequently Asked Questions

### How will this project benefit the local economy?

The Outlaw Trail Wind Project will benefit the local economy with an average of 120 full-time workers during peak construction, and during operations will employ six full-time wind technicians and one full-time site supervisor. The Project will also provide indirect revenue to the community in the form of local services and supplies, and will pay taxes to the rural municipalities with an estimated annual tax revenue of \$800,000 between Hart Butte and Happy Valley. Wind projects provide stable income to local farmers and landowners from land lease agreements and allow farming up to the base of the turbine gravel pad, leading to increased diversification of local landowner income.

### Are there environmental and health impacts from wind energy?

The global wind industry collectively continues to engage with experts in science, medicine and occupational and environmental health to monitor ongoing credible research in the area of wind turbines and human health (CanWEA, 2018). Health Canada published its own study in 2014, which found that wind turbine noise exposure was not associated with self-reported medical illnesses and health conditions.

We understand some individuals have concerns about wind facility construction and operation, and we take these concerns seriously. The Outlaw Trail Wind Project has been designed to meet or exceed all provincial regulations and guidelines in place to protect human health.

Below are studies on the relationship between wind turbines and human health, which can be accessed online. Links to these studies are available at [www.blueearth.ca/outlaw-trail](http://www.blueearth.ca/outlaw-trail)

- Health Canada: Wind Turbine Noise and Health Study: Summary of Results
- Journal of Occupational and Environmental Medicine: Wind Turbines and Health: A Critical Review of the Scientific Literature

### Are wind turbines noisy?

The noise emissions produced by a wind turbine vary depending on the model and size. As there are currently no regulatory requirements for noise control in Saskatchewan, we are completing detailed noise modeling on the Project to align to the Alberta Utilities Commission regulatory requirement of 40dBA at night time at all residences. This is the strictest noise regulation in Canada. The sound pressure level of 40dBA is considered comparable to a quiet library.

### Will the project have an impact on surround property values?

The most comprehensive study on wind facilities and property values to-date was conducted by the Lawrence Berkeley National Laboratory. The study analyzed more than 50,000 home sales near 67 wind facilities across nine U.S. states over 10 years and found no statistical evidence that operating wind facilities have had any measurable impacts on home sale prices.

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- Lawrence Berkeley National Laboratory: A Spatial Hedonic Analysis of the Effects of Wind Energy Facilities on Surrounding Property Values in the United States
- Canadian Journal of Agricultural Economics: The Effects of Wind Turbines on Property Values in Ontario: Does Public Perception Match Empirical Evidence?
- Journal of Real Estate Research: Wind Energy Facilities and Residential Properties: The Effect of Proximity and View on Sales Prices

### Will my TV / internet be impacted by the wind project?

No. TV and internet signals are now primarily digital and will not be impacted by this Project.

Learn more at  
[www.blueearth.ca/outlaw-trail](http://www.blueearth.ca/outlaw-trail)