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BOTANY wind project

Welcome to the Botany Wind Public Information Meeting

August 27, 2025

Welcome!

Thank you for coming to the first public meeting for the Botany Wind Project. We are here to share information with you about this wind energy project. Please keep in mind that we are early in the planning stages for Botany Wind; today's intent is to meet our team, learn about EDF power solutions, show the general project area, and collect additional input from the community to incorporate into the project design.

Please take your time to review the display boards and ask any questions you may have.

Your input is important in this process!

We'd like to hear from you–please complete a comment form to share your feedback. If you would like to be added to the Project mailing list, please sign up at the front desk.

EDF power solutions

EDF power solutions North America (EDFps) has been providing clean energy solutions throughout the U.S., Canada, and Mexico since 1987. We are a market-leading independent power producer and service provider, serving utilities, corporations, industries, communities, institutions, and investors with reliable, low-carbon energy solutions that help meet growing demand.

From developing and building scalable wind (onshore and offshore), solar, storage (battery and pumped storage hydropower), smart EV charging, microgrids, green hydrogen, and transmission projects to maximizing performance and profitability through skilled operations and maintenance and innovative asset optimization, our teams deliver expert solutions along the entire value chain—from origination to commercial operation.

Our portfolio consists of 23 gigawatts of developed projects and 16 gigawatts under service contracts. In Canada, the Company has 2.6 GW of wind and solar power facilities in service or under construction.

23 GW developed

16 GW service contracts

43 GW pipeline

1,600 employees

Est. 1987

U.S., Canada, Mexico

as of 12/31/24

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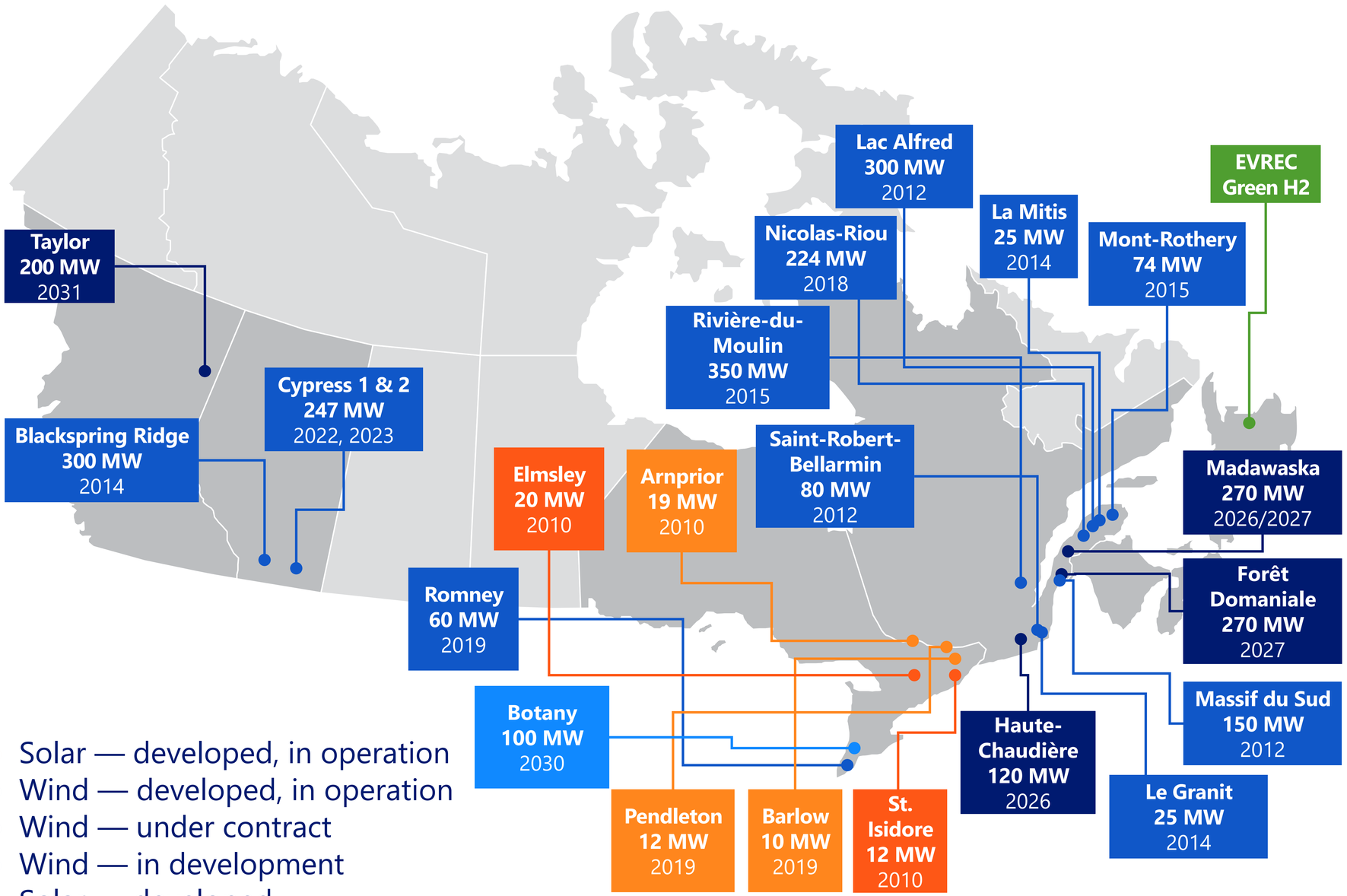
EDF power solutions in Canada



- Solar — developed, in operation
- Wind — developed, in operation
- Wind — under contract
- Wind — in development
- Solar — developed
- Green Hydrogen

Map not to scale.

2,646 MW

in operation, construction, or under contract

Domestic Presence

- 1,876 MW in operation
- 570 MW under contract
- 2,000+ MW wind, solar, and storage in development

Canadian Profile

- $5.2 Billion invested in Canada
- 3,000 jobs at peak construction period
- 475,000 homes in Canada supplied with electricity by wind and solar power
- Offices in Montreal, Toronto, and Calgary
- 215+ EDF power solutions employees across Canada

Operations & Maintenance

- 1,820 MW wind
- 457 MW solar

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Ontario Energy Context

"Demand for clean, reliable and affordable power is expected to increase by 75% by 2050...the equivalent of 4.5 cities of Toronto."

-Ontario's Affordable Energy Future

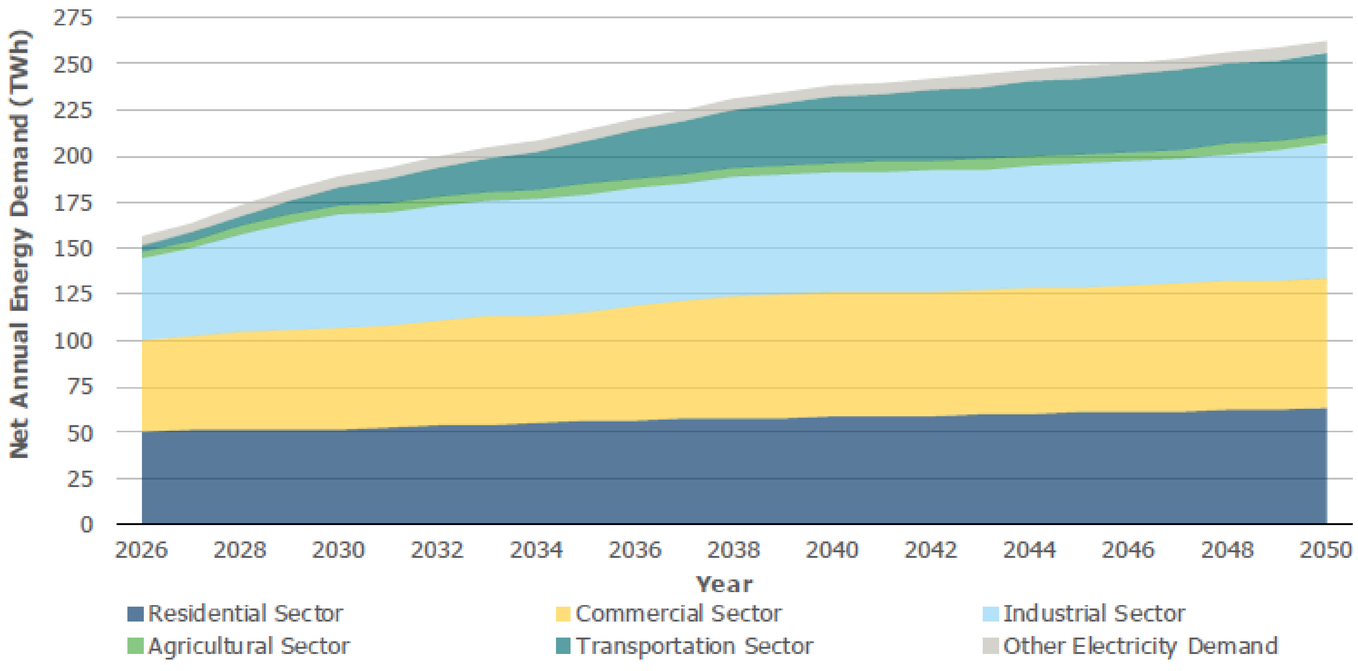
The **increased energy demand** will be driven by:

- **Economic Growth**
- **Population Increase**
- **Industrial Electrification**

To meet this demand, Ontario has issued long-term procurements for new energy resources.

Wind energy is a cost competitive technology that can quickly bring energy to the market.

Figure 2 | Annual Energy Demand



Source: 2025 Annual Planning Outlook, Ontario IESO

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Botany Wind Project: Location

Our aim is to avoid or minimize potential impacts on the environment, the community, and cultural heritage.

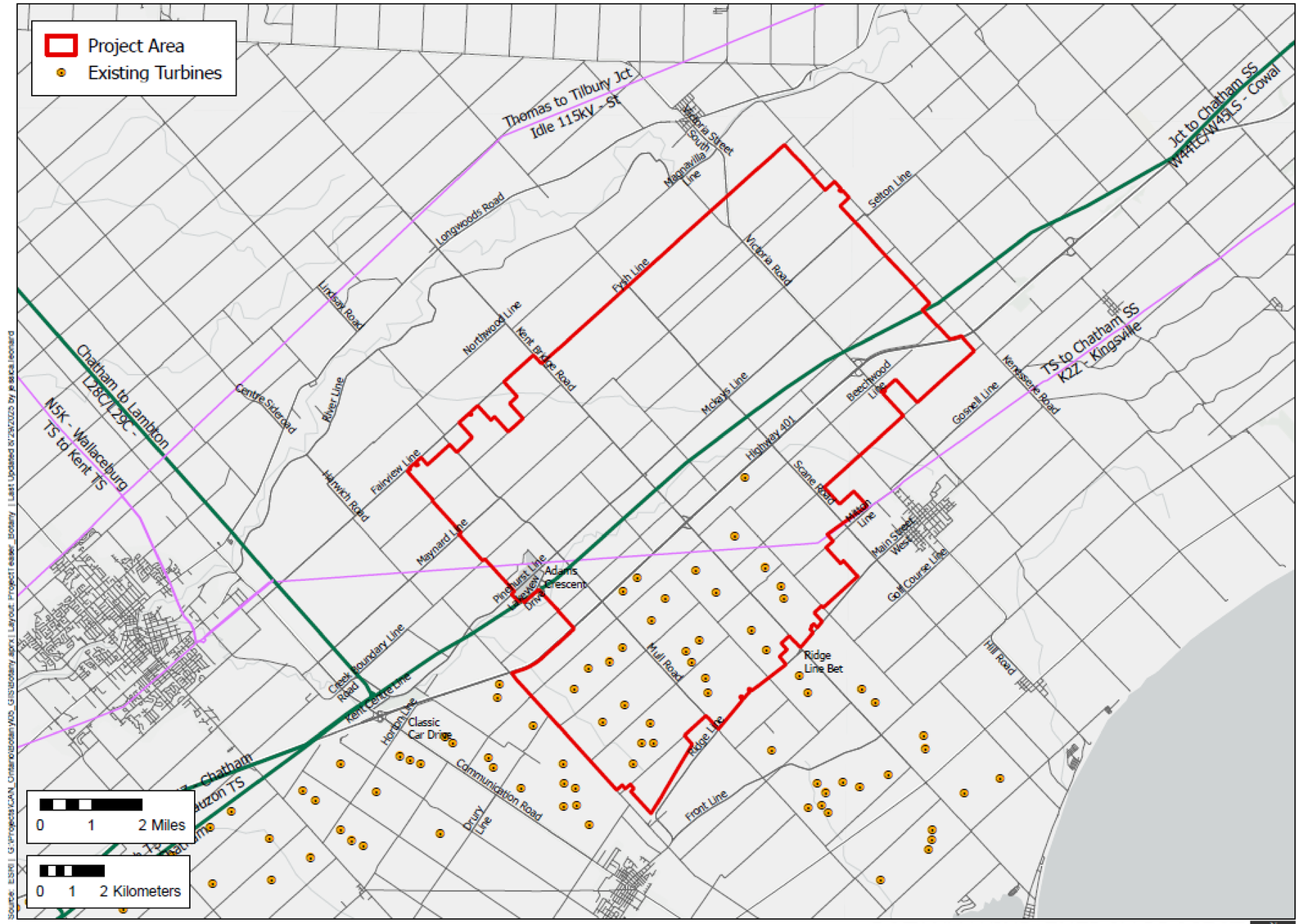
Why study this location?

- Existing wind data shows strong wind energy generation in the area.
- Proximity to existing transmission lines with adequate capacity.

What is the project size?

- The total project size is approximately 15-20 turbines with a target of 100 MW.
- There is interest by private landowners to host wind turbines with ~3,000 acres signed to date and more in negotiation.

Final locations of project infrastructure will be considered later through public consultation and engineering/ environmental studies.



BOTANY WIND ENERGY PROJECT
Chatham-Kent, Ontario

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Chatham Kent Municipal Benefits

Community Support Agreement: An annual payment to Chatham-Kent in support of municipal priorities. We anticipate this will be in the range of $300,000/year. This represents approximately $6 million over the life of the project to support the municipality.

Host Community Fund: This is an annual fund set up by Botany Wind to support local priorities. Approximately $25,000/year; totaling approximately $500,000 over the life of the project will be allocated to support community driven initiatives, such as ***educational scholarships, school nutrition programs,*** and ***recreation facilities/trails.***

Increased Property Tax Revenue: Paid by Botany Wind to offset increasing municipal services or infrastructure costs. This would be an in addition to the approximately $2 million per year that Chatham-Kent already receives from wind energy.

Lease payments: Participating landowners receive lease payments.

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Economic Benefits

EDF power solutions prioritizes procurement of materials and labour as locally as possible.

- **Construction jobs:** approximately 150 staff during peak construction
- **Long-term operator positions**: full-time positions from the local community to support and service the facility over its 20-year lifespan
- **Local Investment**: this project will bring significant local spending for:
  - Lodging, food, and small businesses in support of construction workers
  - Concrete and rebar supply
  - Equipment rentals

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Host Community Fund: Romney Wind

In 2019, EDF power solutions launched the *Wheatley Area Community Fund* with a goal to award $25,000 annually for local community-driven initiatives in the village of Wheatley.

The Fund is pleased to have supported these organizations in 2024:

- Talbot Trail Golf Club
- The Meadows of Wheatley
- Two Creeks Mountain Bike Trail Assoc.
- Village Resource Centre
- Wheatley Two Creeks Assoc.
- Wheatley Junior Hockey Club
- Wheatley Recreation
- Wheatley BIA
- Wheatley Community Chest
- Wheatley Fish Fest Committee
- Wheatley Horticultural Society

Total donations to date:

$150,000

Wheatley Recreation's "Learn to Play Pickleball"

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*We understand there are concerns that the construction of wind turbines could potentially affect water wells in the area, and **we take those concerns seriously**.*

Water Wells

- We are in the very **early stages of design** and will ensure that this concern is investigated thoroughly, and factors into design choices and the location of infrastructure, including wind turbines.
- We are **gathering data on water well locations**, to ensure we have all the information needed. Please share your knowledge about any wells you think we should know about.
- If Botany Wind proceeds, we will reach out to participating landowners and project neighbors to gather necessary details and **perform baseline studies** as needed.

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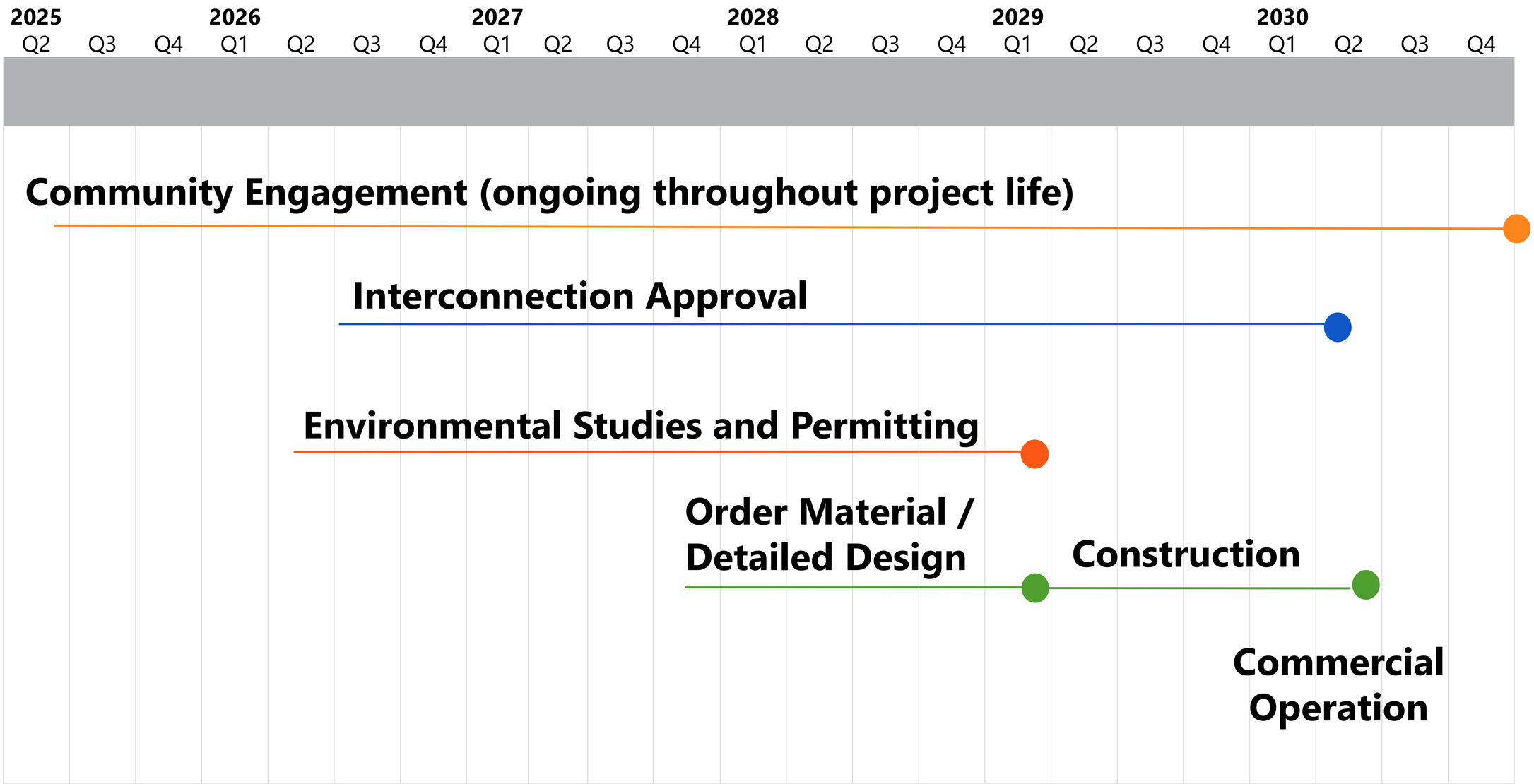
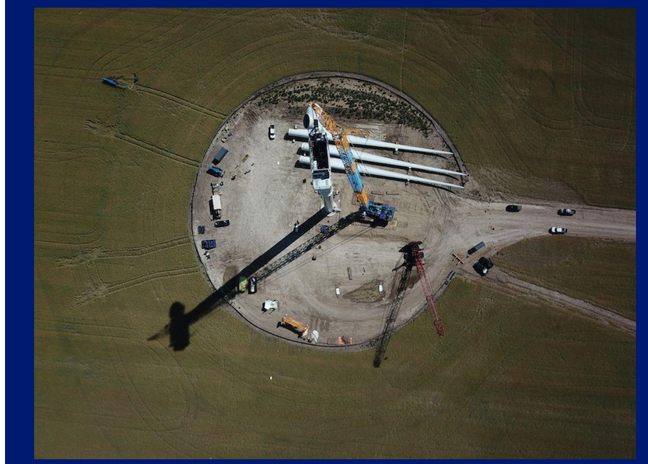
Preliminary Schedule



How Much Space Will a Wind Turbine Take?



Example: Construction Phase – 3.5 acres per turbine

Example: Operations Phase – approx. 0.11 acres per turbine

A temporary laydown area of approx. 400 ft by 400 ft will be created at each turbine to deliver and store all parts required for assembly.

After construction, the access road width and laydown yard area is reduced to limit environmental and agricultural impacts.

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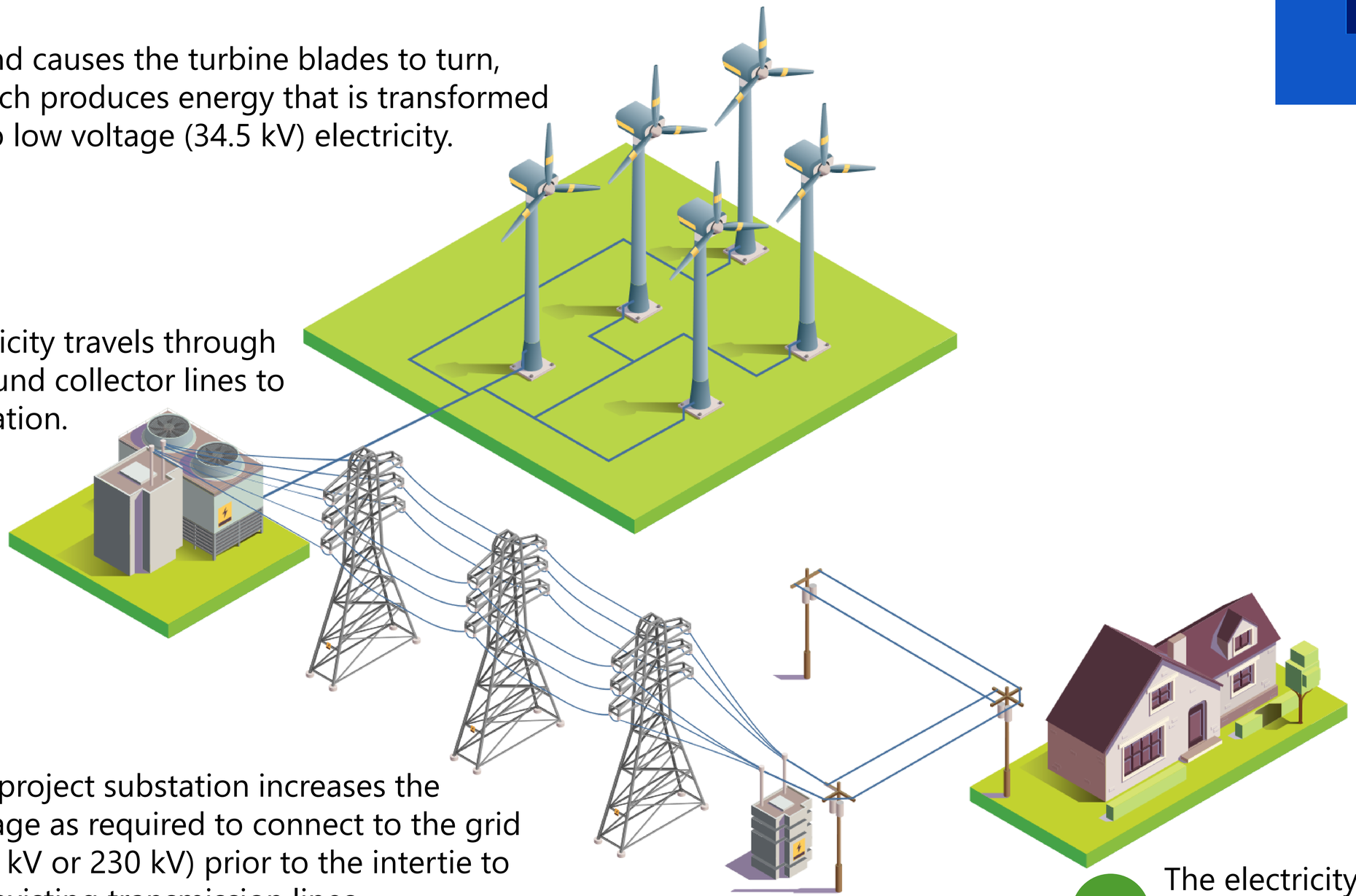
How Does Wind Make Energy?

1 Wind causes the turbine blades to turn, which produces energy that is transformed into low voltage (34.5 kV) electricity.



2 The electricity travels through underground collector lines to the substation.

3 The project substation increases the voltage as required to connect to the grid (115 kV or 230 kV) prior to the intertie to the existing transmission lines.

4 The electricity is reduced to a lower voltage and distributed to our homes and businesses.

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End-of-Life Management & Decommissioning

*Botany Wind is expected to be **operational for about 20 years.** At the end of the project's life, the project could be decommissioned or re-powered, depending on market conditions and energy needs.*

Decommissioning

- The project is de-energized. Turbines and all other above-ground infrastructure are removed, and the land is restored to its original state.
  - Construction equipment will be utilized to remove infrastructure.
  - Underground infrastructure, including electrical collector lines, will be removed to 4' beneath ground surface.
  - Access roads will be removed or left in place, according to landowner preferences.
- Waste and debris generated during decommissioning activities will be collected for recycling or disposed at an approved facility. **EDF power solutions is committed to reuse, recycle, or recover the decommissioned wind turbine blades from this project.**

Re-powering

- With landowner permission (i.e. extending lease agreements), turbines and/or other infrastructure is upgraded to extend the project's life.
- Re-powering would require permitting approval through the Province, associated environment studies, and community engagement.

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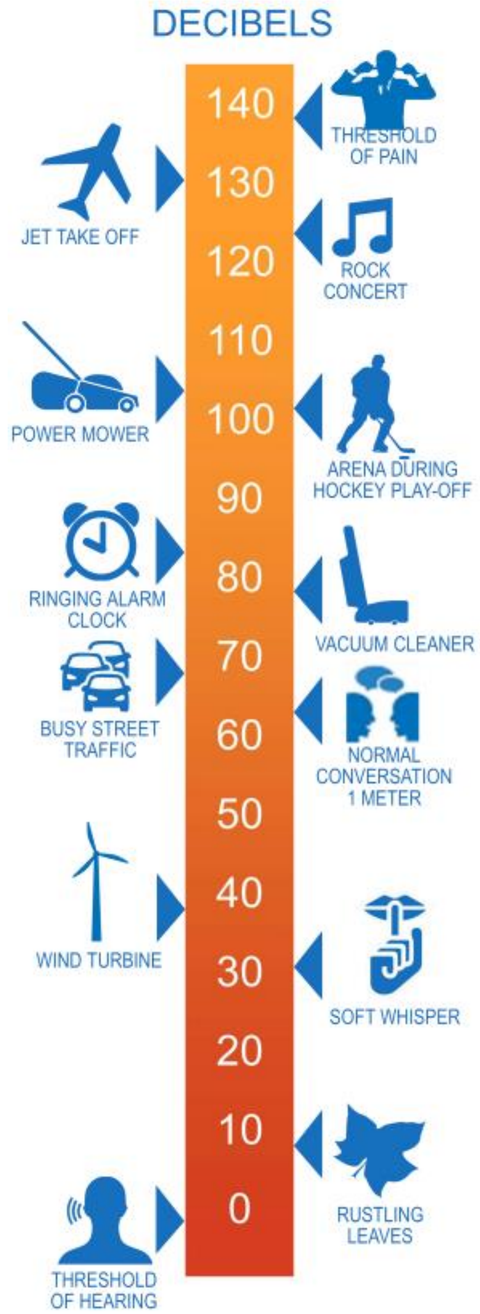
Wind Energy, Regulations, and Health

According to the Government of Canada, research into the impact of wind turbines on human health indicates that *when constructed properly at the permitting authority's approved setback distances*, **wind turbines do not pose a risk to people's health.**



Sound:

- Wind turbines emit sound from the rotating blades passing through the air.
- Sound is emitted over a wide frequency range, including low frequency noise and infrasound.
- While low frequency sound levels may be heard, infrasound near wind turbines does not exceed hearing thresholds, which at these levels, **studies show does not cause health issues.**
- Ontario has rigorous regulations governing residential sound levels, limiting sound to 40 decibels.
- Detailed sound assessments will be completed to confirm turbine locations are sited taking into account these regulations.

Source: Government of Canada – Wind turbine Noise and Health Study: Summary of Results

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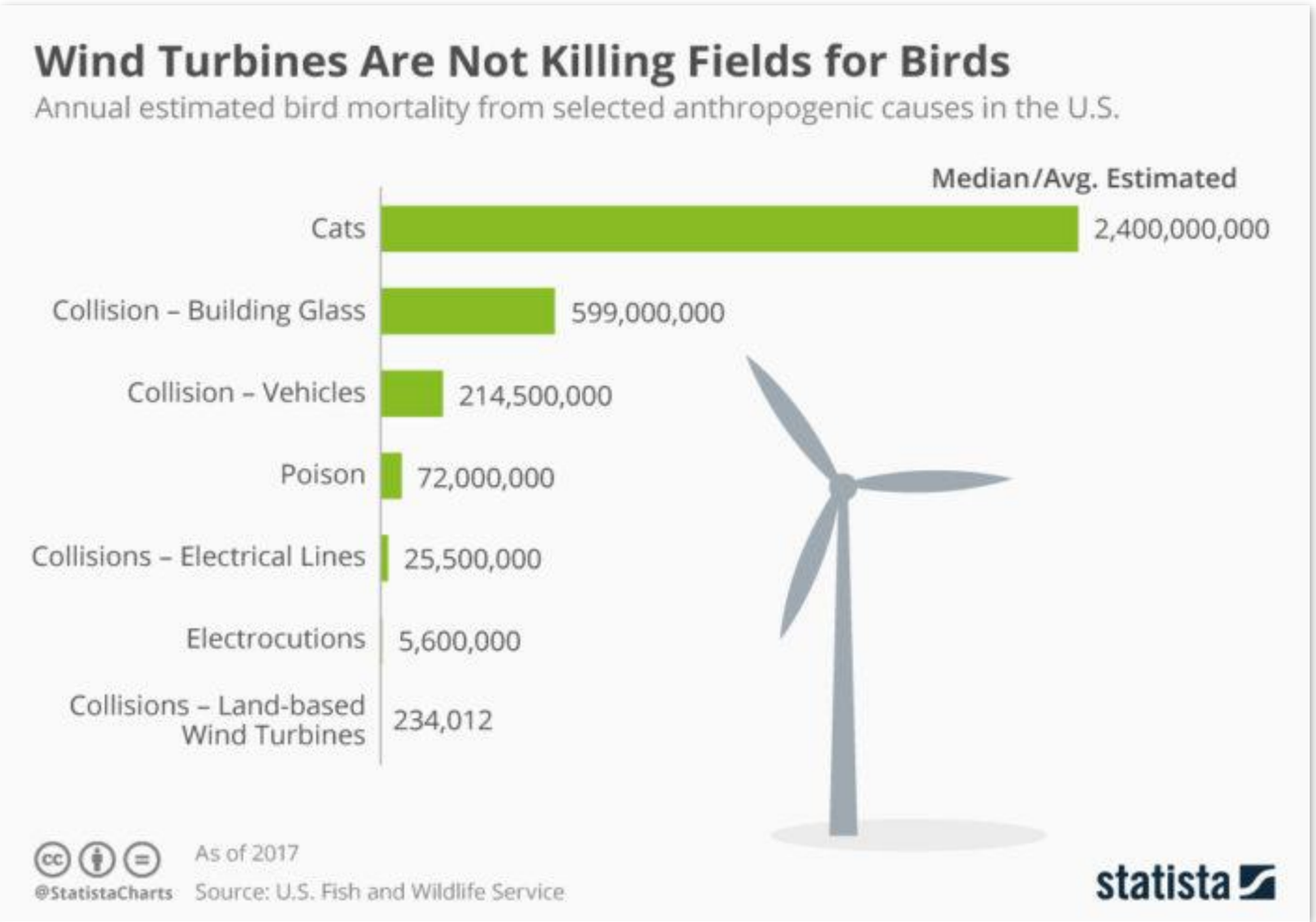
Impacts on Bird and Bat Populations

A report published in "Avian Conservation & Ecology" stated:

"Overall…the effects of collisions, nest mortality, and lost habitat on birds associated with wind farms appear to be relatively small compared to other sources of mortality."

Source: Zimmerling, R. J., Pomeroy, A.C., d'Entremont, M. V., and Francis, C.M. (2013)



Well-sited wind projects have minimal impacts on local bird and bat populations:

- EDF power solutions will perform environmental studies to measure the potential risks and to implement the necessary mitigation measures to ensure sustainable development.
- When the construction phase of the project is completed, a multi-year environmental monitoring program for birds and bats will be established.

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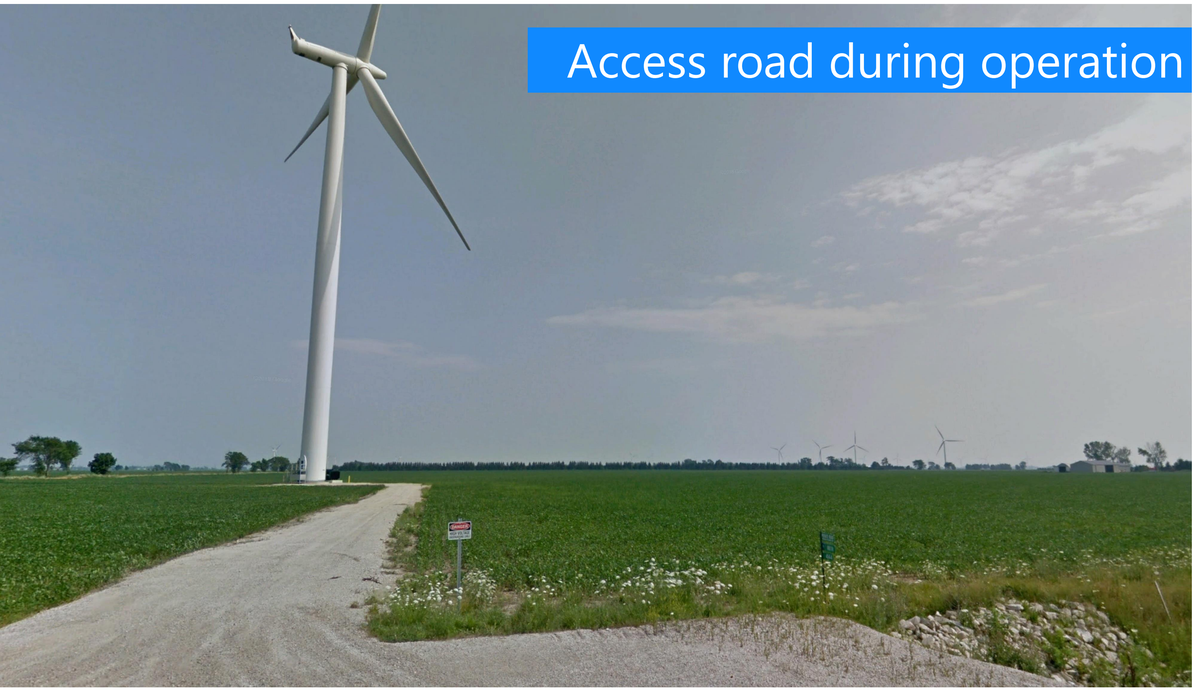
Considerations on Agricultural Land

Temporary MET Mast



Access road during operation

EDF power solutions knows that there is no project without the support of local landowners, and we work diligently to make sure we listen and co-operate.

Well-designed wind energy complements farming activity with minimal disruption, by:

- Using existing roads where possible
- Maintaining agriculture to the foot of the turbines
- Seeking the shortest distances for collector lines
- Avoiding, where possible, areas sensitive to erosion
- Respecting property orientation to avoid perpendicular roads impacting agricultural operations
- Maintaining functioning tile drainage systems
- Keeping appropriate setbacks from agricultural buildings

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Community Engagement

EDF power solutions prioritizes having an active presence in the community and responding to local interests. We engage with stakeholders, connecting during the siting and permitting process, and nurturing these relationships through installation and operation.

Engagement:

- We have begun engaging with Landowners, the Indigenous Community and the Municipality.
- Today's meeting is the first of many public engagements as the project progresses.
- We will continue to expand stakeholder engagement as the project progresses.

Support:

- We are looking for opportunities to support education, recreation, and community building organizations.

Your Recommendations are Appreciated!

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Saulteau First Nation Pemmican Days 2025

Indigenous Partnerships

EDF power solutions has a history of partnering with Indigenous communities to delivery energy projects.

- More than 1,900 MW of projects in partnership with Indigenous communities.
- Our Romney Wind Project in Chatham-Kent was developed in partnership with Aamjiwnaang First Nation.
- The goal for Botany Wind Project is to bid with an Indigenous partner.
- This summer, EDF power solutions was pleased to join our partner for Taylor Wind, Saulteau First Nation, at their Pemmican Days celebration.

Alignment with Chatham-Kent Sustainability Plan

Preserves agricultural and rural character

Supports rural heritage, proper land use, and protects prime agricultural land from urban development.

Enables cost effective growth

Contributes clean, locally generated energy and efficient, low-impact land development to reduce long-term public costs.

Protects natural and cultural resources

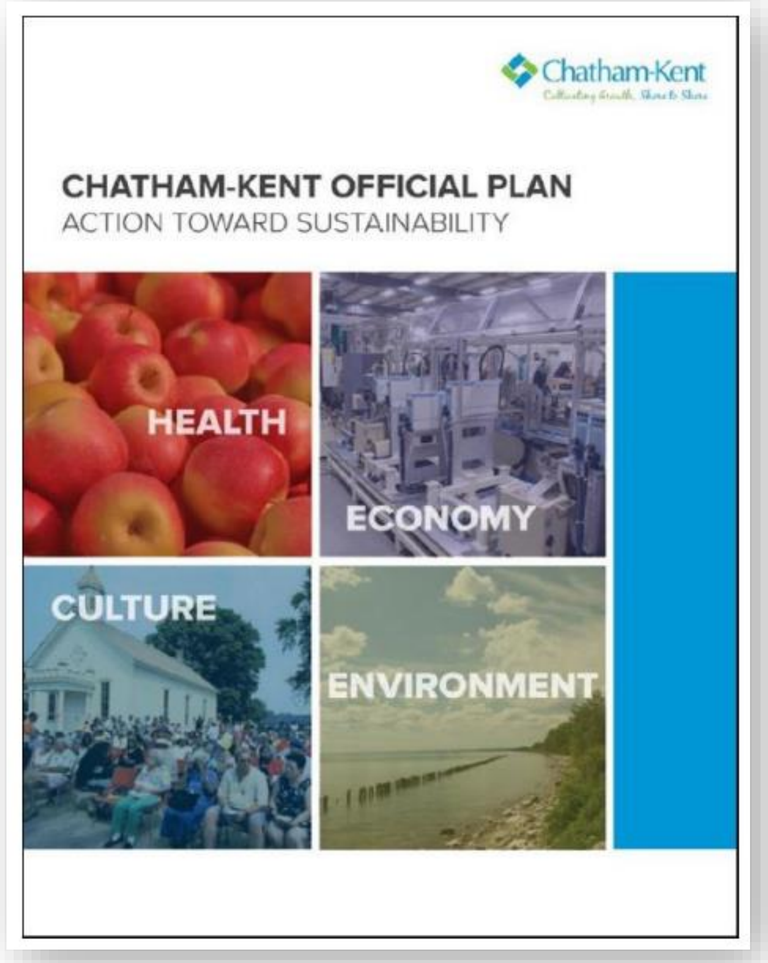
We prioritize natural heritage areas, wetlands, and wildlife corridors, while avoiding cultural and historical sites through community input and assessments.

Sustainable economic development

Botany Wind generates tax revenues, creates local jobs, and provides stable lease income for landowners.

Promotes community engagement and transparency

Stakeholders shape the project's future through community meetings, Indigenous consultation, and responsive project design.



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Benefits of Wind Development

Economic Opportunities for Landowners

Landowners can earn a steady, reliable income by leasing their land to energy companies, helping them preserve the rural way of life and pass land on to future generations.

Renewable Energy Generation

Wind is one of the safest and environmentally friendly sources of electricity – emitting no greenhouse gases or pollutants using no fresh water – resulting in a healthier, cleaner environment for crops, livestock, and farmers.

Continued Farming Operations

- A typical wind farm leaves 98 percent of land undisturbed, allowing landowners to continue their farming or ranching operations near the base of the turbine.
- The construction process often includes construction of new roads or upgrading existing roads, which can improve operations.
- If crops are damaged during construction, landowners are reimbursed for lost revenue.

Financial Boost for Rural Communities

Host communities enjoy many economic and social benefits of wind energy, through municipal tax revenues and the creation of high-value jobs for local tradespeople and contractors during the construction phase, as well as fulltime permanent jobs once the project is operational.

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Thank you

Thank you for attending, and we hope to continue conversations with you about Botany Wind as the project progresses.

CA-ontariowind@edf-re.com

Energy Designed *for the Future.*