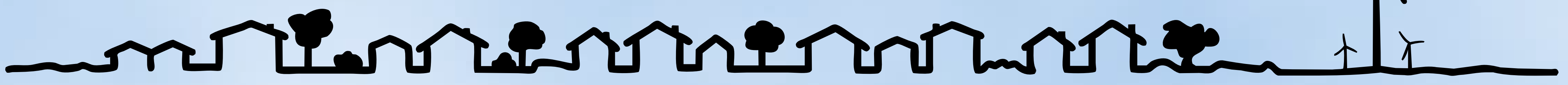
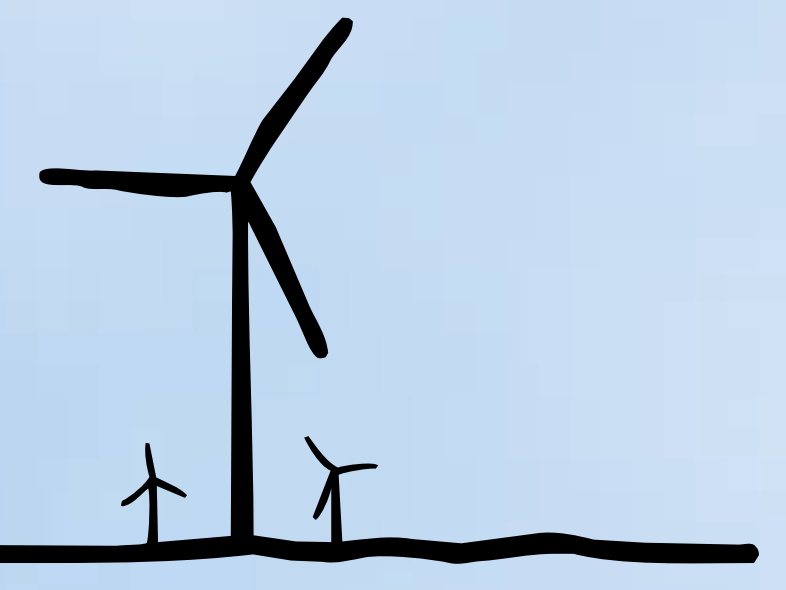


WHYNOTTS COMMUNITY WIND



Local Economic Development, Part of a Global Solution.

PROJECT BENEFITS

INVESTING IN LOCAL COMMUNITIES

- **Local Community Education** – Once constructed, the project will fund The Whynotts Community Renewable Education Program. This program will be managed by a local committee and provide an annual scholarship for members of the local community who want to expand their education in an undergraduate or postgraduate field related to renewable energy or sustainability.



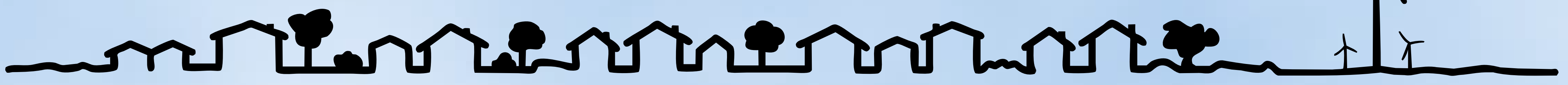
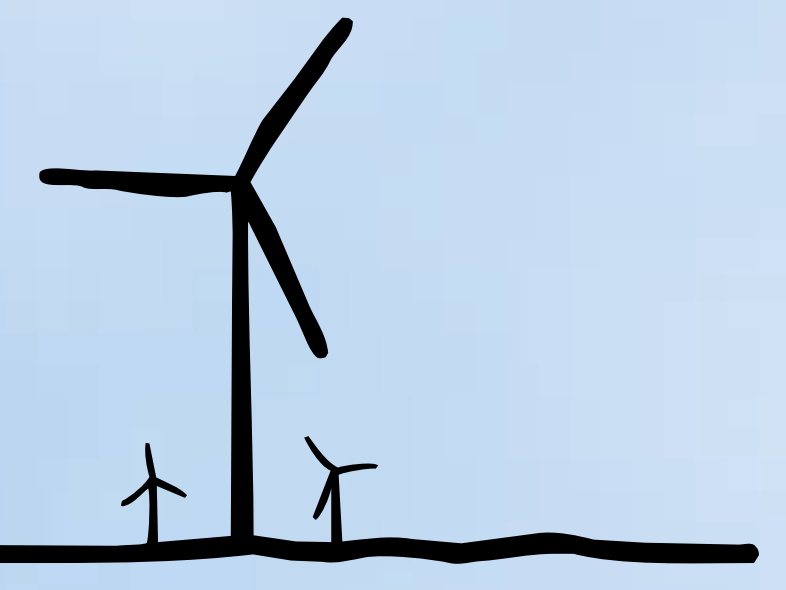
THE FUTURE IS GREEN

- **Provincial Energy Independence** – This project will be one of many steps to fulfill Nova Scotia's goal of 40% renewable sources by 2020.
- **Local Electricity Generation** – Nearly all the electricity generated by the project will be consumed locally with minimal upgrades to the existing electrical grid infrastructure.
- **Making the Local Price of Electricity More Stable** – All the electricity will be produced at a fixed price for the next 20 years and when combined with other wind projects, will reduce future increases in the price of electricity.



- **Local Community Investment and Economic Development** – Nova Scotia based companies will provide project development services such as environmental consulting, long-term management, construction, and website development.

WHYNOTTS COMMUNITY WIND

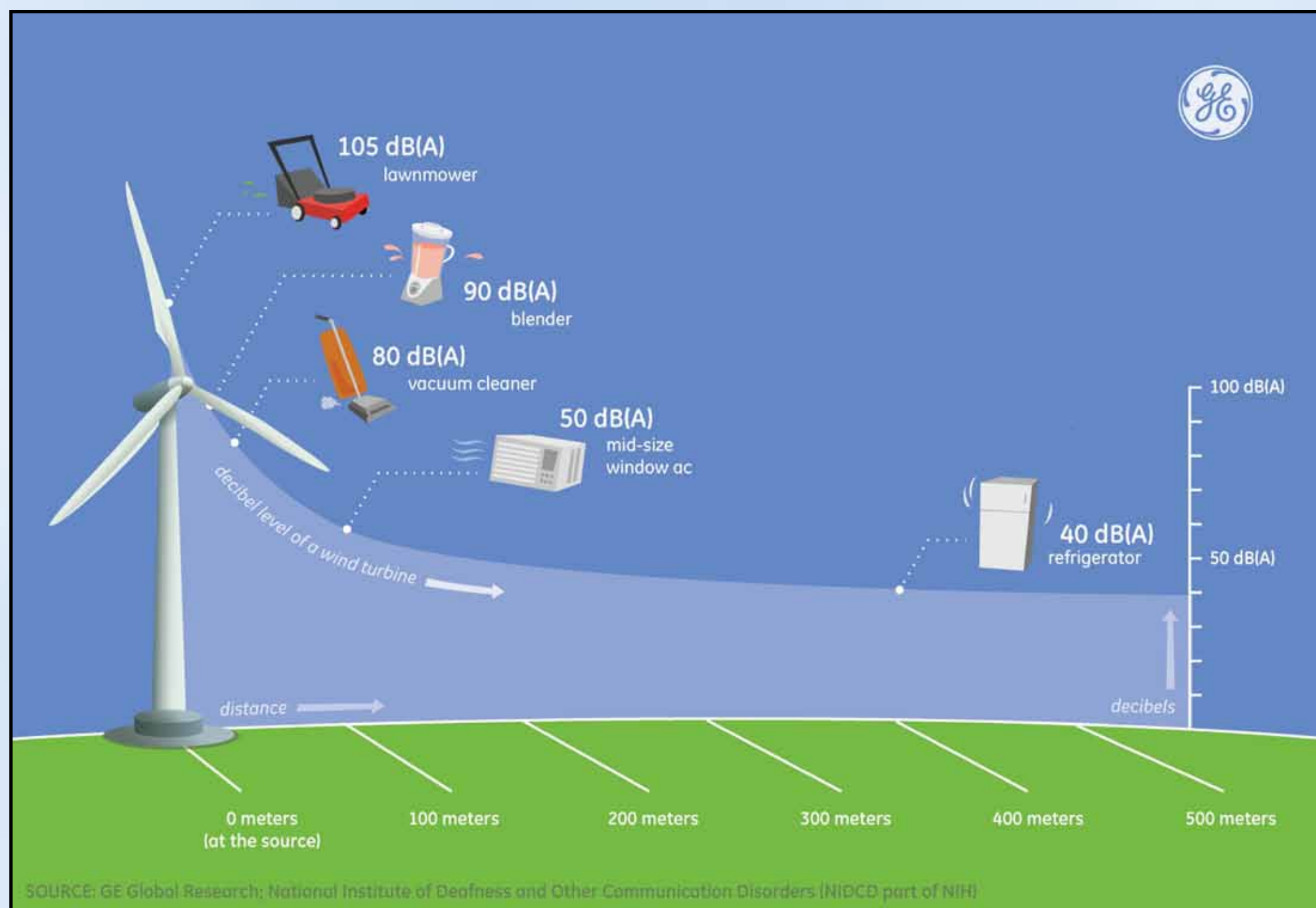


Local Economic Development, Part of a Global Solution.

FACTS ABOUT SOUND AND SHADOW FLICKER

WIND TURBINE SOUND LEVELS ARE LOW ...

SHADOWS ARE NOT TAKEN LIGHTLY ...



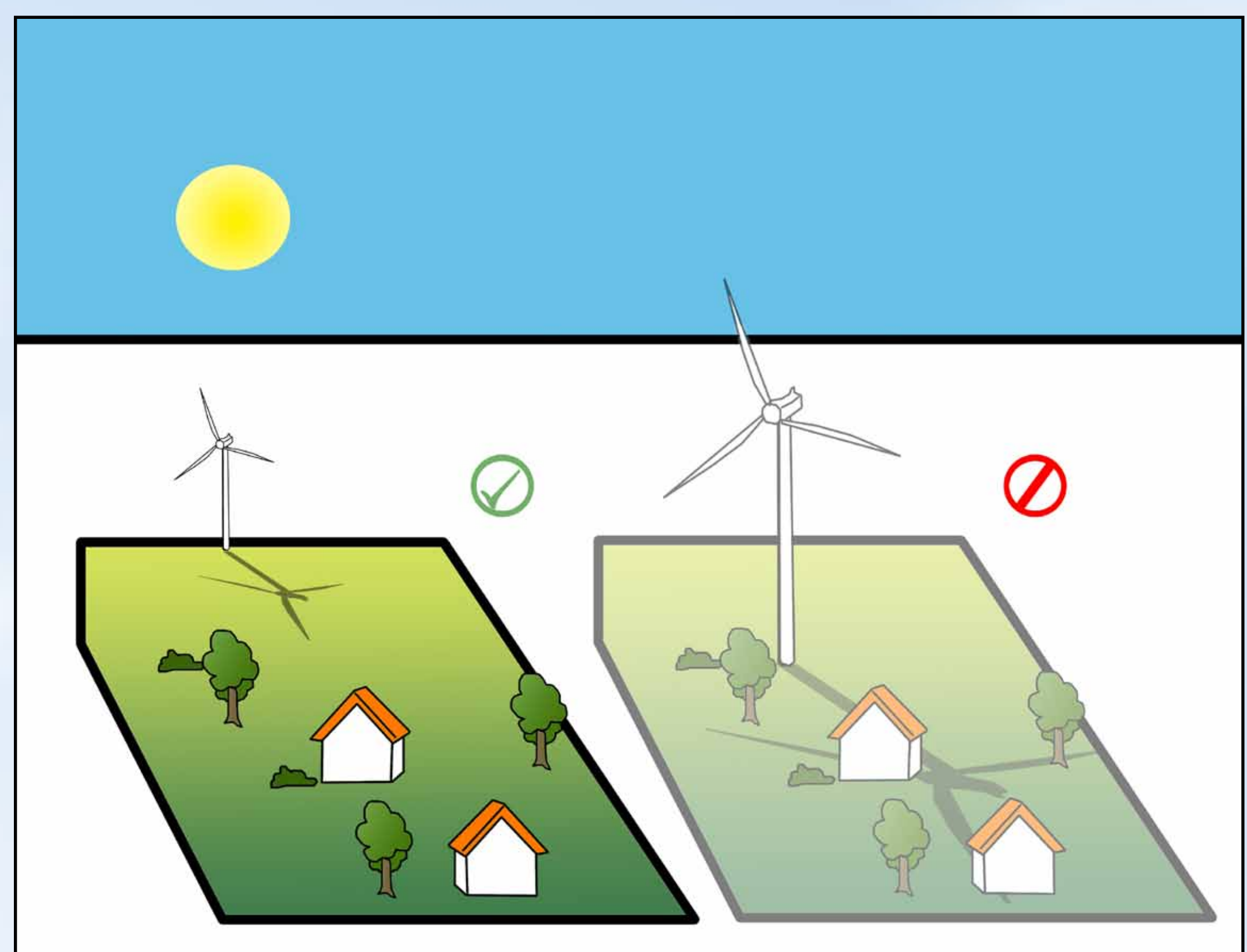
- You can stand below a wind turbine and carry on a normal conversation.
- Wind turbines have an aerodynamic blade design and sound-proofed generator enclosures.
- A sound analysis is currently in progress for the project using guidelines developed by the Ontario Ministry of the Environment. Results will be presented in the Environmental Assessment Registration Document.
- All turbines for the project will be located a minimum of **700 m** from any residence or unidentified building.

TYPICAL SOUND PRESSURE LEVELS

Source	Distance from Source		Sound Pressure Levels in dB (A)
	feet	meters	
Freight Train	100	30	70
Freeway	100	30	70
Wind in Trees	40	12	55
Light Traffic	100	30	70
Average Home			50
Soft Whisper	5	2	30
Quiet Bedroom			20

Source: AWEA 2011

- Shadow flicker occurs when rotating wind turbine blades cast shadows upon stationary objects.
- Shadow flicker only appears during very specific conditions:
 - The sun is shining and there is no cloud cover, fog, etc.
 - Windows of the residence have to directly face the wind turbine.
 - No obstructions (trees, hills, other structures) are in sight.
 - Turbine blades directly face toward or away from the sun.



- A shadow flicker analysis is currently in progress for the project. Results will be presented in the Environmental Assessment Registration Document.

Project Benefits



THE FUTURE IS GREEN

- **Provincial Energy Independence** – This project will be one of many steps to fulfill Nova Scotia's goal of 40% renewable sources by 2020.
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YOUR INPUT IS IMPORTANT TO US ...

Your comments and feedback on the proposed wind project are important to us. For additional information please visit the project website www.whynottswindfarm.ca or email us at info@whynottswindfarm.ca

... THANK YOU FOR COMING!

WHYNOTTS COMMUNITY WIND



PROJECT DESCRIPTION

Whynotts Community Wind is a proposed wind energy generation facility located on private land, approximately 5 km east of Bridgewater, Nova Scotia. The project is proposed under Nova Scotia Department of Energy's Community Feed-In-Tariff program. Project development will occur over the next few years, and will require a full Environmental Assessment to ensure that the project is developed in a manner fitting of the biological and cultural surroundings. Once constructed, the project will likely consist of two wind turbines capable of generating approximately 4 megawatts of energy. This is enough energy to power more than 1,200 Nova Scotia homes with stable, local, renewable energy.



MEET YOUR TEAM



Kwilmu'kw Maw-klusuaqn Negotiation Office
Mi'kmaq Rights Initiative

Our Rights. Our Future.

The **Kwilmu'kw Maw-klusuaqn** (KMK) Negotiation Office works on behalf of the Assembly of Nova Scotia Mi'kmaq Chiefs in the negotiations and consultations between the Mi'kmaq of Nova Scotia, the Province of Nova Scotia and the Government of Canada. The KMK is the lead proponent of the project and will help the team maximize local economic benefit through job creation and the utilization of local contractors.



Community Wind Farms Inc.

Community Wind Farms is the local project developer and will be responsible for all day to day development, community relations, and permitting work associated with the project. Community Wind Farms is working with municipalities, First Nations, community groups and landowners across Nova Scotia to develop a portfolio of wind farms under the Community Feed-In Tariff (COMFIT) program introduced by the Nova Scotia Department of Energy.



juwi Wind Canada's role will be to lead technical aspects of wind project development, to fund early development activities, and to be the lead arranger in project financing and construction. The juwi Group has an extensive track record of completing community based projects with local investment opportunities, as well as turnkey projects for local municipalities and co-operatives.

ASSESSMENT AND DEVELOPMENT

- Baseline studies are ongoing to determine and mitigate any effects of the project on the environment and local interests.
- Public consultation is an integral part of this process.
- Provincial and federal government stakeholders will also have an opportunity to review the Environmental Assessment and provide comments.

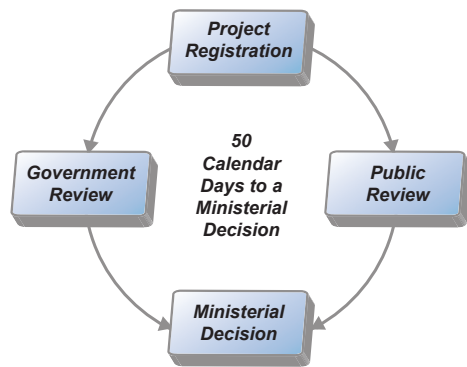


Fig. 1 - Regulatory Review Process

Baseline studies will include:

- Birds, Bats and General Wildlife
- Plants and Wetlands
- Watercourses and Fish Habitat
- Groundwater and Geology
- Sound and Shadow Flicker
- Visual Aesthetics
- Cultural and Heritage Resources
- Socio-economic Conditions
- Mi'kmaq Ecological Knowledge Study

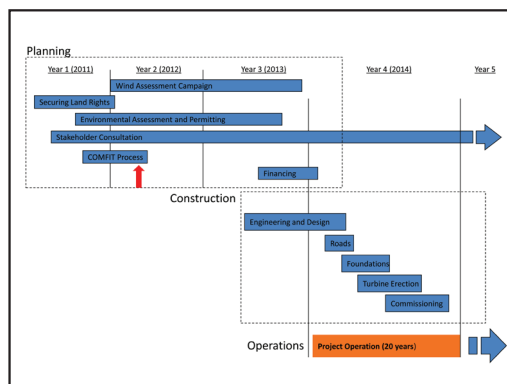


Fig. 2 - Project Timeline

Wind Farm Viewscape



Photo 1
Looking east at the project site.
Photo location: Highway 325, adjacent to the Oakhill and District Fire Department

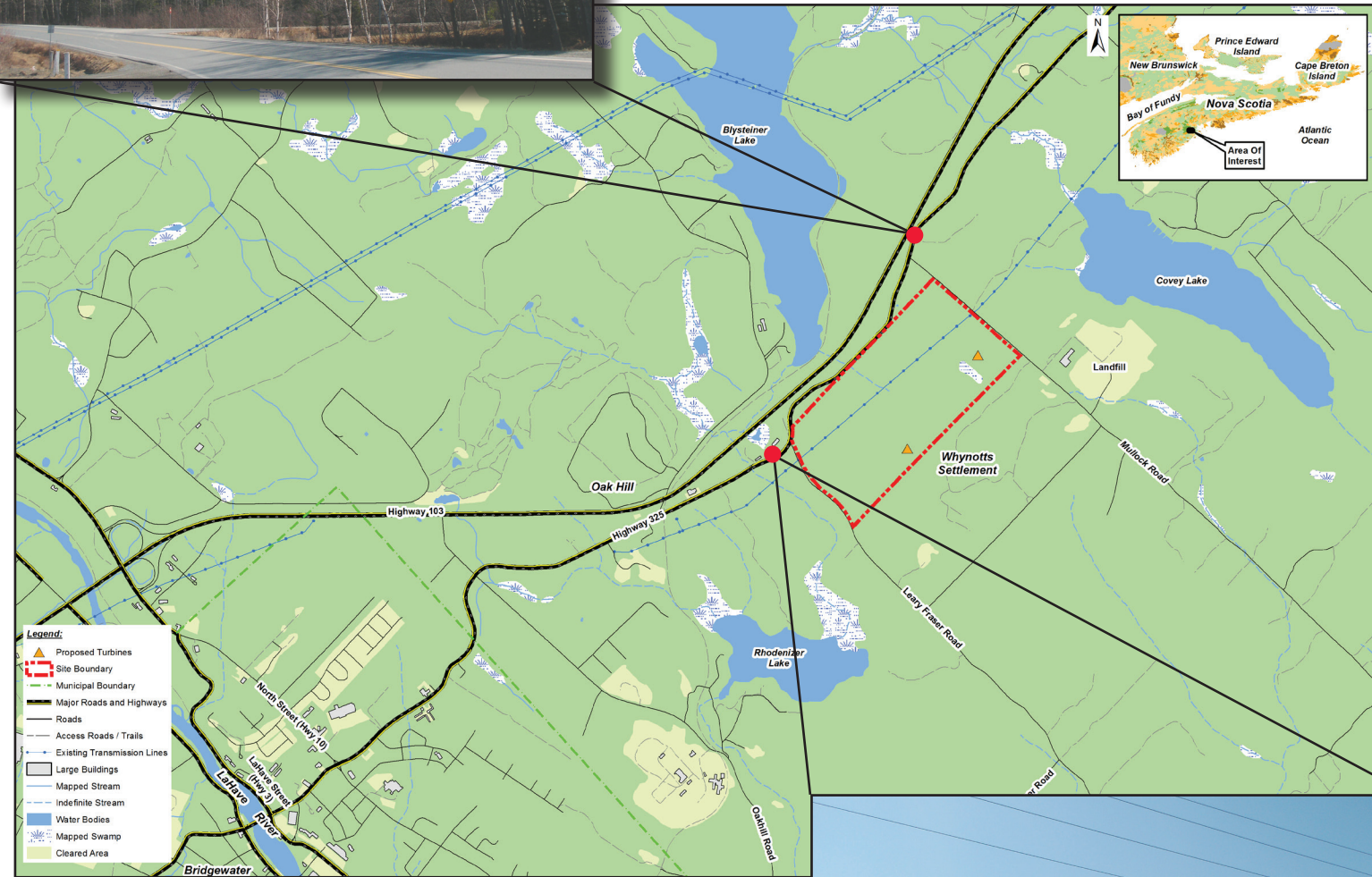


Photo 2
Looking south/southwest at the project site.
Photo location: Highway 325, just northeast of the junction with Mullock Road

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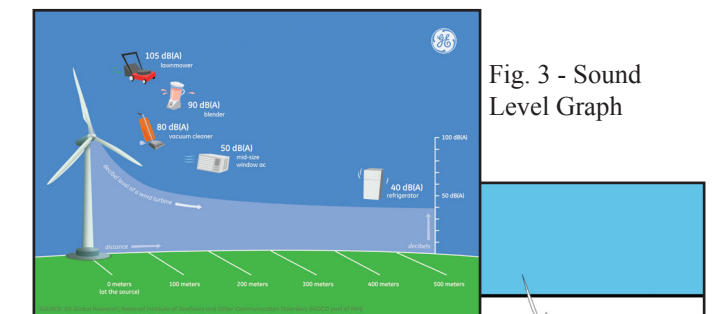


Fig. 3 - Sound Level Graph

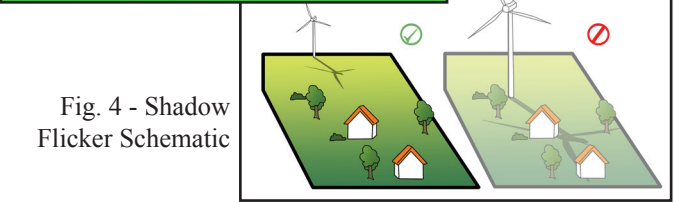
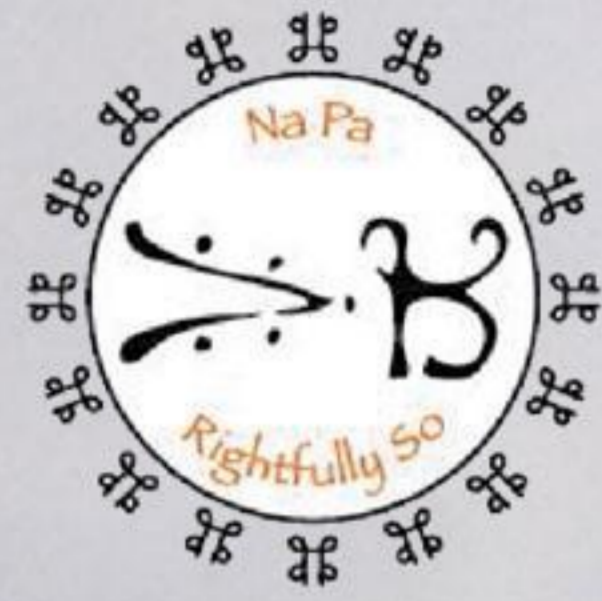


Fig. 4 - Shadow Flicker Schematic

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Whynotts Wind Farm

Open House



Whynotts
COMMUNITY WIND



**May 16th, 6:00 to 9:00 pm at
Oakhill Fire Hall, 2104 Highway 325,
Whynotts Settlement**

**Simulated view of
wind farm from
Highway 325**



Presents Guest Speaker Dr. Lukas Swan, PEng

Wind Energy 101

Open to the public



April 11th – 7:00pm

Oakhill Fire Hall

2104 Highway 325 – Whynotts Settlement – Nova Scotia B4V 6M5

Topics to include:

- energy and how we use it
- Nova Scotia's renewable energy policy
- wind energy technology
- wind energy benefits and impacts
- placement & permitting