



OPEN HOUSE: PROPOSED BENJAMINS MILL WIND PROJECT

Natural Forces is hosting an open house to share information on the proposed Benjamins Mill Wind Project.

The proposed Project consists of an estimated 10-24 wind turbines, which would generate power to up to 61,000 Nova Scotian homes.

An open house is an event designed to allow stakeholders an opportunity to drop in to a location in their community to gather information and ask questions on a specific topic.

COVID-19 safety protocols will be in place during the open house, and masks will be mandatory.

ABOUT US

Natural Forces is a private independent power producer based in Halifax, NS that delivers renewable energy projects in partnership with local communities.

July 19th, 2021, 4-8pm
South West Hants Fire Hall, 1870 NS-14, Hants County

For more information, visit our website at www.naturalforces.ca



www.naturalforces.ca



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PROPOSED BENJAMINS MILL WIND PROJECT INFORMATION SESSION MATERIALS

19.07.21

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Project Overview

The proposed Benjamins Mill Wind Project is being developed by Natural Forces and Wskijnu'k Mtmotaqnuow Agency Ltd (WMA) and consists of up to 28 wind turbine generators. The Project could generate 50-150 MW of electricity to be distributed through the Nova Scotia Power electrical grid. The proposed turbines have an individual capacity of 4.2-5.5 MW with tower heights of approximately 120 m and blade lengths of approximately 75 m. The Project is proposed on a mix of privately-owned and provincial Crown lands along highway 14 in Hants County, approximately 13 km southwest of Windsor. The site lands have largely been used for forestry activities and have a network of existing forestry roads. This location was chosen due to its elevation, optimal windspeeds, distance from residences, and minimal environmental constraints.

Project Benefits

- Generate enough electricity to power up to 20,000 to 60,000 homes.
- Increase employment and revenue for local businesses due to activities associated with the development, construction, and operation phases of the Project.
- Produce emission-free energy that will displace energy produced from fossil fuels in Nova Scotia and therefore reduce greenhouse gas emissions.
- Assist Nova Scotia in meeting renewable energy regulations and targets.
- Stabilize energy costs for Nova Scotia Power customers.
- Increase property tax revenues for Windsor-West Hants Regional Municipality.

Environmental Studies

The proposed Benjamins Mill will have an installed capacity greater than 2MW and will require a Provincial Environmental Impact Assessment (EIA). Desktop and field studies are currently being completed as part of the EIA. These studies will help Natural Forces develop the project responsibly and mitigate environmental impacts. Members of the local community will have an opportunity to review and comment on the EIA document.

Topics of Study

- Wetlands and watercourses
- Breeding birds
- Migratory birds
- Common nighthawks
- Bats
- Archaeology
- Vegetation
- Wildlife and habitat
- Wind resource
- Noise
- Shadow flicker

Project Timeline

Work Completed to Date – 2020-21

- Site verification
- Initial discussions with regulators
- Initial engagement with Mi'kmaq bands

Ongoing Work – 2021-22

- Wind monitoring campaign
- Preliminary wind resource assessment
- Land security
- Field surveys
- Public consultation
- Nova Scotia Power feasibility study

Anticipated Future Work

2021-2022

- Work on this Project
- Green Choice Program Request for Proposals
- Municipal permitting
- Micro-siting turbine locations
- Environmental impact assessment submission
- Nova Scotia Power advanced interconnection studies
- Negotiation of Power Purchase Agreement

2022-23

- Pre-construction activities
- Turbine procurement
- Civil works
- Electrical works and interconnection
- Turbine erection
- Project commissioning

2024-54

- Operation of turbines
- Monitoring and site management
- Decommissioning and site reclamation

Preliminary Turbine Layout



Legend

- Preliminary Turbine Locations
- Residences and Buildings
- 1 km Buffer from Residences
- ★ Falls Lake Community
- 138kV Line on Site
- Private Lands
- Crown Lands

Notes

1. Turbine markers are not to scale

Sources

- Basemap: ESRI World Map



Meters

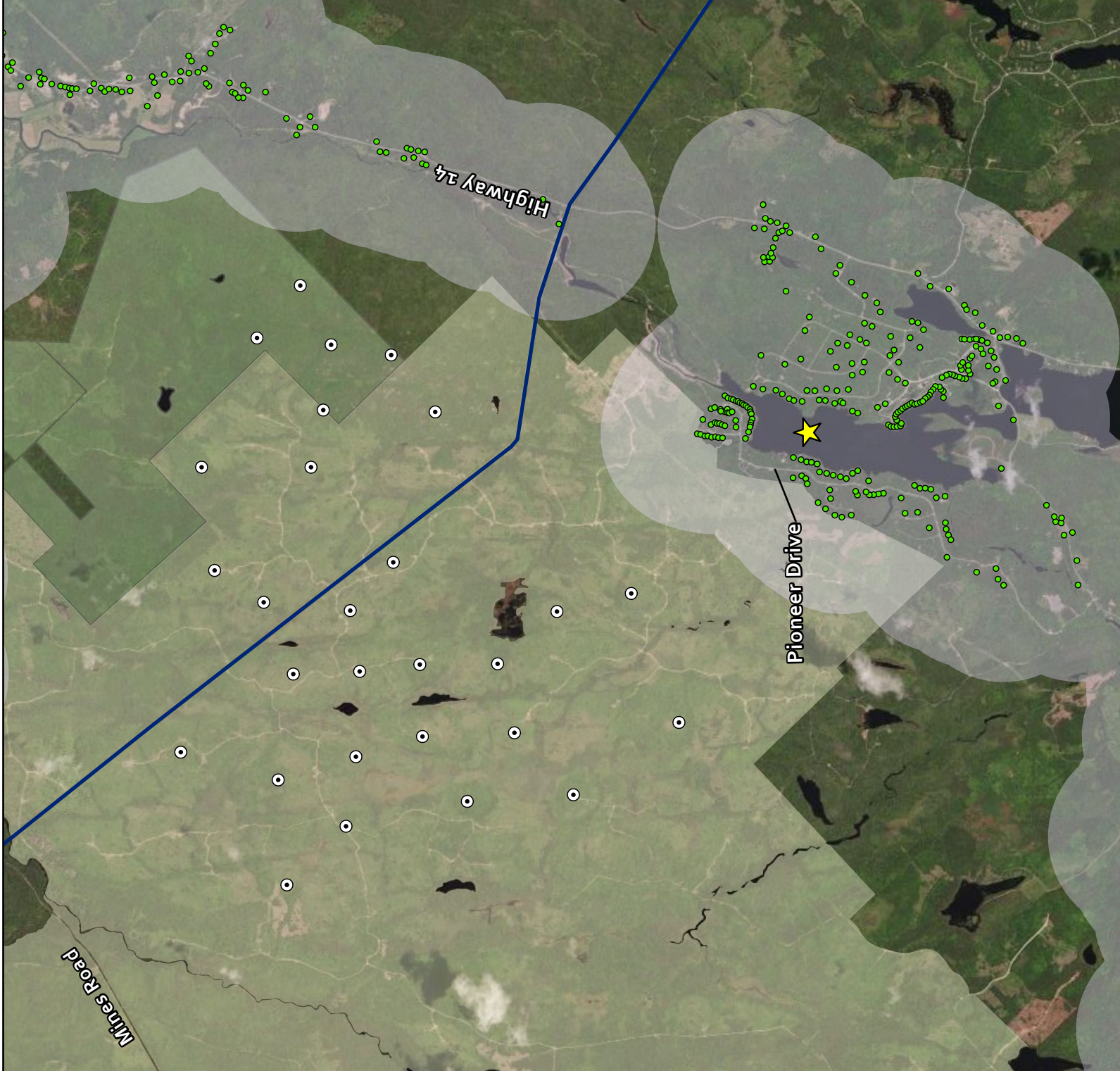


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Spatial Reference: NAD 1983 UTM Zone 20N

Page Size: 8.5" x 11"

Production Date: Jul 15, 2021



Sound Level Map - Worst Case



Legend

- ⊙ Preliminary Turbine Locations
- Residences and Buildings
- 40 db(A)
- 45 db(A)
- 50 db(A)

Notes

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Sources

- Basemap: ESRI World Map



Meters

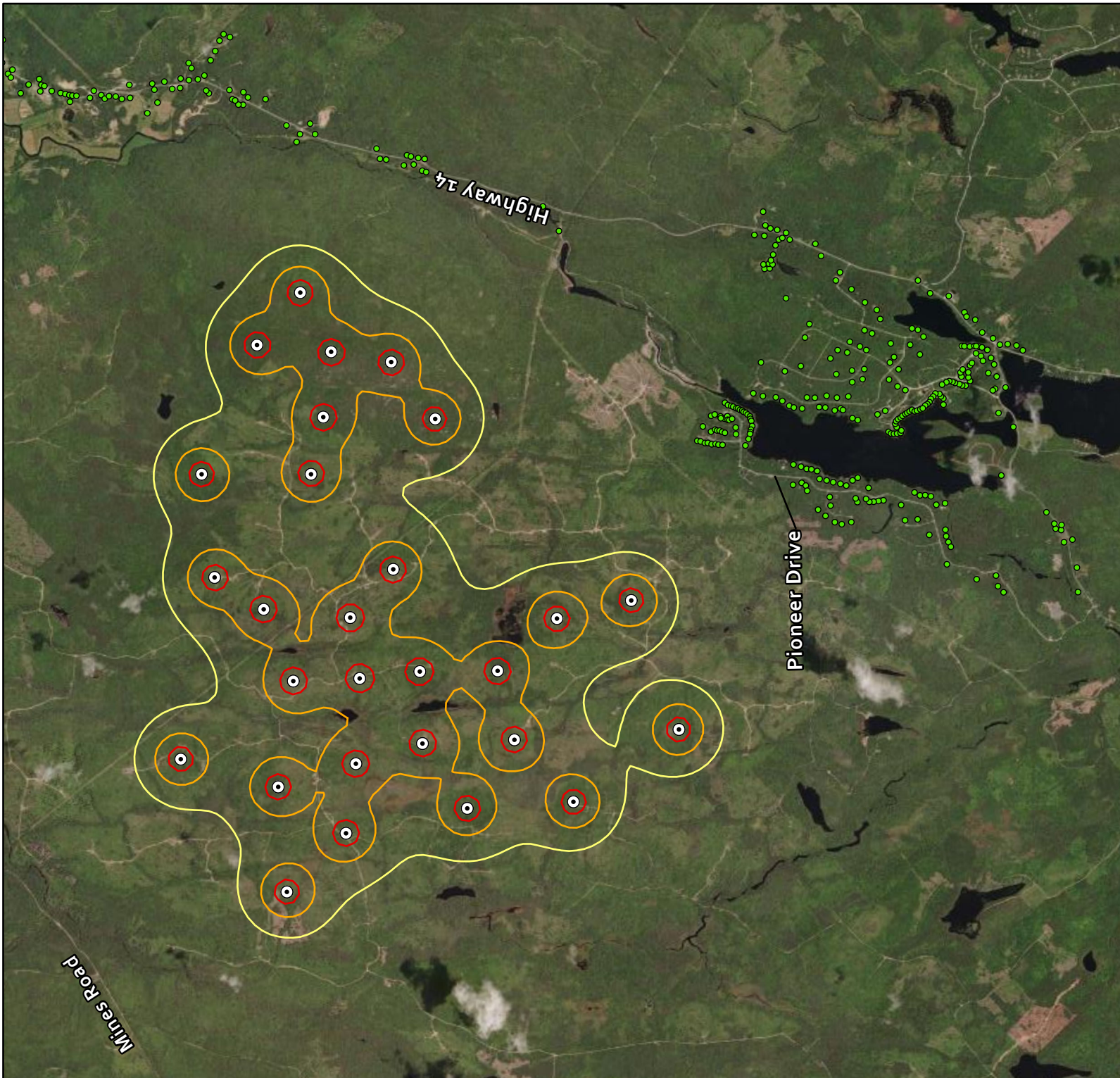


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PROJECT UPDATE: PROPOSED BENJAMINS MILL WIND PROJECT

November, 2021

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Our Work

At our open house, we noted that we had undergone site constraint analysis, started discussions with regulators, began environmental studies, installed wind measurement instruments and started engagement with Mi'kmaq bands. We continue to work with Nova Scotia Power on a feasibility study and continue to conduct environmental studies. The results of these studies will be included in our environmental assessment, which will be made publicly available.

CALL FOR SUPPORT

Do you want to see more renewables in our province? If you support this project, or wind projects in general, we would love to hear from you.

Contact Kathleen Funke at the below information today!

GOVERNMENT PROCUREMENT

As we mentioned at our open houses, Natural Forces intends to bid this project to upcoming government energy procurement programs.

For more information on these programs, visit:

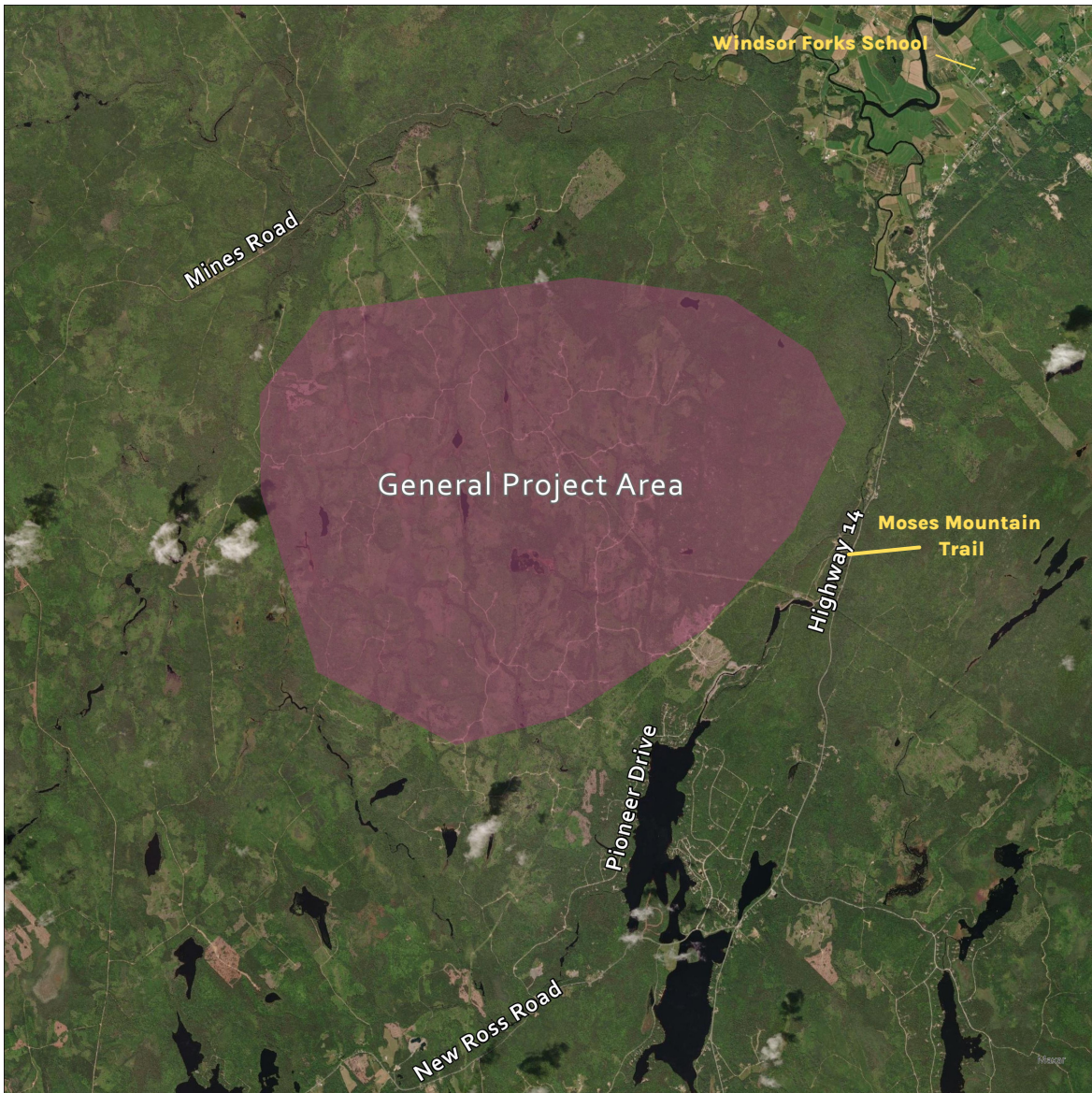
novascotiarbp.com/public-faq



Timelines

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|-------------------------|--|
| Fall 2021 | Ongoing work on environmental and wind resource studies. |
| Winter 2022 | Environmental assessment submitted, public comment + open house. |
| Spring - Summer 2022 | Government of NS to announce successful projects through Rate Based Procurement Program. |
| Fall 2022 - Winter 2023 | Open house, pre-construction and construction activities. |
| 2023-2025 | Timeframe for construction and commissioning of project. |

Map



Note: Map is approximate. Please note that all turbines will be at least 1KM from residential structures.