



PROPOSED SALMON RIVER WIND PROJECT - INFORMATION SESSION

May 7, 2025



Wolastoqey Nation
In New Brunswick



Natural
Forces

Contact

Ellen McDonald, Project Manager

Email: community@naturalforces.ca

Phone: 902-483-9592

Website: <https://www.naturalforces.ca/projects/salmonriver-wind-project/>

May 7th, 2025

Project Overview

The Wolastoqey Resource Developments Inc. and Natural Forces are proposing to develop a wind energy project in southern New Brunswick called the Salmon River Wind Project (the Project).

The Project will play a crucial role in displacing energy produced by fossil fuels from the electrical grid, significantly reducing greenhouse gas emissions and contributing to the fight against climate change. By contributing to the transition to renewable energy sources, the Project supports global environmental goals and aligns with New Brunswick's objective of adding 1,400 MW of wind power to the grid by 2035, while also diversifying the energy mix. This transition will strengthen energy security, ensuring a more sustainable and resilient energy future for the province.

The proposed Project is located approximately 9 km southwest of Hammondvale on provincial Crown land. The Project would consist of up to 34 wind turbines with a total installed capacity of approximately 203 megawatts (MW). This size of project would supply enough electricity to power an estimated 43,000 New Brunswick homes annually.

An Environmental Impact Assessment (EIA) is required for the Project. Field studies began in Fall 2024 with submission of the EIA to the province scheduled for Summer 2025. Pending approvals, pre-construction activities could begin as early as Summer 2026.

Project Benefits

- Generate enough electricity to power an estimated 43,000 New Brunswick homes annually.
- Provide annual tax revenue to local and provincial governments over the life of the Project.
- Create local employment and contracting opportunities during the development, construction, operation, and decommissioning phases of the Project.
- Increase revenue to local businesses due to economic spinoff from Project activities.
- Produce emission-free electricity that will both increase energy security and displace generation from fossil fuels, thereby reducing greenhouse gas emissions.
- Increase own-source revenue to Wolastoqey Resource Developments Inc. through project ownership.
- Assist the province with its energy strategy of developing 1400 MW of new wind power, outlined in Powering our Economy and the World with Clean Energy - Our Path Forward to 2035.

May 7th, 2025

Project Partners

The Project is being developed by a partnership between Wolastoqey Resource Developments Inc. and Natural Forces.

[Wolastoqey Resource Developments Inc.](#)

Wolastoqey Resource Developments Inc. is the economic development corporation for the Wolastoqey Nation. Governed by the elected Chiefs of the six communities, Wolastoqey Resource Developments Inc. has been established for the purpose of advancing economic development and projects on behalf of the Wolastoqey Nation.

[Natural Forces](#)

Natural Forces is a private independent power producer that delivers renewable energy projects in partnership with local communities across Canada, Ireland, and France. Natural Forces develops, constructs, owns and operates wind, solar, hydro and storage projects with Indigenous communities, universities, municipalities, and local community funds. Partnering with local communities for these projects not only generates clean and renewable electricity but delivers local economic prosperity and raises awareness of the challenges of climate change.

Environmental Studies

The Project requires approval through the provincial Environmental Impact Assessment (EIA) review process. Field studies began in Fall 2024 with submission of the EIA to the province scheduled for Summer 2025. To fully assess the potential environmental impacts of the project, comprehensive studies including the following are being conducted:

- Wetlands and watercourses
- Vegetation
- Terrestrial wildlife and habitat
- Bats
- Breeding and migratory birds
- Archaeology
- Geology
- Sound levels
- Shadow flicker
- Visual Impact Studies
- Wind Resource Assessment
- Local economy and land use
- Radiocommunication Impact Assessment



May 7th, 2025

The results of these studies will shape the Project to ensure it is developed responsibly and to mitigate environmental and sociocultural impacts.

New Brunswick Environmental Impact Assessment

The following is a high-level summary of the environmental impact assessment process:

1. Proponent conducts Environmental Impact Assessment (EIA) (1-2 years)
2. EIA is submitted to the New Brunswick Department of Environment and Local Government (NB DELG)
3. NB DELG and the Technical Review Committee (TRC) conducts their review. They have 30 days to request additional information if any is required.
4. Once sufficient information is provided, the Minister of DELG has 30 days to make their decision.
5. Minister approves project with a Certificate of Determination, typically with certain conditions that must be upheld.

Sound Levels

The most significant factor when limiting sound impacts to nearby residences is where wind turbines are sited. As such, the wind turbine locations are no closer than 1 km from year-round dwellings. Based on this siting, Natural Forces assessed the impact of sound levels from the Project on nearby residences. This assessment uses industry best practices to model how the sound created by the wind turbines will travel over the landscape.

A third-party consultant reviewed the methodology used to carry out this modelling and to validate the results. The consultants, Aercoustics Engineering, concluded that the methodology used is appropriate and provides conservative results, likely overestimating the expected sound levels.

Results of early-stage modelling indicate that turbine sound levels experienced at nearby year-round dwellings during the Project operation will be below 40 decibels, which is comparable to a soft whisper.

Project Timeline

Complete/Ongoing Work:

- Wind data collection
- Interconnection studies
- First Nation engagement
- Public and stakeholder consultation
- Transportation studies

May 7th, 2025

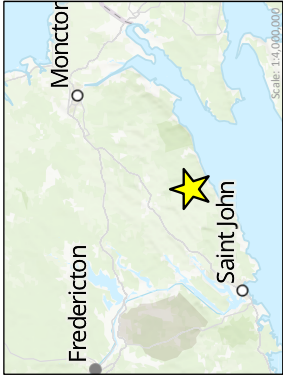
- Site suitability assessment with turbine manufacturer
- Environmental Impact Assessment field and desktop studies
- Municipal development permitting
- Securing a Power Purchase Agreement

Future Work

- Environmental Impact Assessment submission and approval
- Pre-construction site activities
- Turbine procurement
- Civil work
- Electrical works and interconnection
- Turbine erection
- Project commissioning
- Site reclamation from construction activities
- Operation of turbines
- Post-construction environmental studies
- Site maintenance and upkeep
- Decommissioning and site reclamation

Proposed Salmon River Wind Project

Preliminary Project Layout



Legend

- Preferred Turbine Locations
- Alternative Turbine Locations
- Installed Wind Measurement Instrumentation
- Proposed Substation Locations
- Proposed Overhead Collector Line
- Existing Project Roads
- Proposed Roads to Construct
- Provincial Roads
- Protected Natural Areas
- Fundy Trail Parkway Road
- Fundy Trail Parkway
- New Brunswick Crown Lands

Notes

- Turbine markers are not to scale
- This map illustrates all turbine locations currently being considered/permitted and does not represent final design of the project. Up to 29 turbines may be installed.

Sources

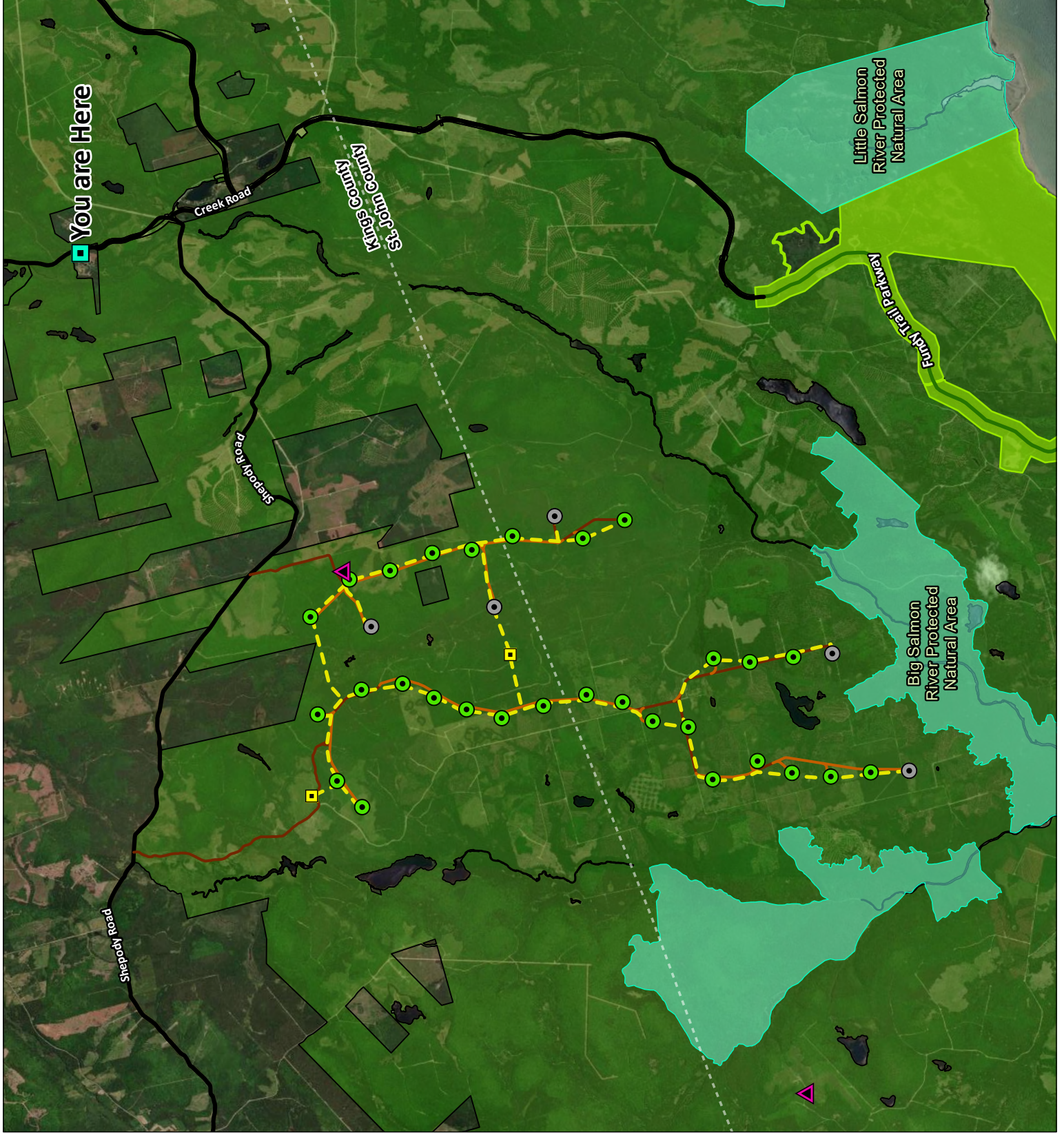
- Base data provided by the Province of New Brunswick
- Basemap: ESRI World Imagery Map

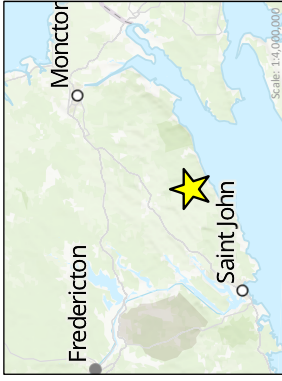


Scale: 1:80,000

Spatial Reference: NAD 1983 UTM Zone 20N
Page Size: 6.5" x 11"

Production Date: Apr 28, 2025 | Prepared By: G. McLaughlin





Legend

- Preferred Turbine Locations
- Alternative Turbine Locations
- Residences
- Camps/Cottages
- 1km from Surrounding Residences
- Fundy Trail Parkway

Modelled Turbine Sound Levels

- 35 dBA
- 40 dBA
- 45 dBA

Notes

- Turbine markers are not to scale
- This map illustrates all turbine locations currently being considered/permitted and does not represent final design of the project. Up to 29 turbines may be installed.

Sources

- Basemap provided by the Province of New Brunswick
- Basemap: ESRI World Imagery Map



Scale: 1:80,000

Spatial Reference: NAD 1983 UTM Zone 20N
Page Size: 6.5" x 11"

