APPENDIX C ENGAGEMENT

MI'KMAQ ENGAGEMENT



October 13, 2021

Chief Deborah Robinson Acadia First Nation 10526 Highway 3 Yarmouth, NS B5A 5J7

New Opportunity for Local Clean Electricity: Renewable to Retail

Based in Halifax, Nova Scotia in Canada, our team at Roswall have all been involved in various aspects of Nova Scotia's transition to 40% renewables. We have been on the front lines of the significant energy transition that has taken place worldwide over the past decade. Collectively, we are proud to have helped build 70MW of utility scale wind in Nova Scotia, conducted energy efficiency retrofits of over 100 public buildings and installed onsite renewable energy systems at over 1,000 locations, helping to save hundreds of millions of dollars in energy costs.

Roswall Development Inc is responding to the need for locally produced, competitive renewable energy in Nova Scotia by offering a new avenue to purchase electricity through the Renewable to Retail Program (RTR). This program, enabled by changes to the Electricity Act in 2015, means that private entities may register as Licensed Retail Suppliers to sell electricity directly to consumers using Nova Scotia Powers infrastructure with predetermined tariffs. After 18 months of modelling the tariffs with a large commercial client, we are sufficiently confident that the resulting price of this clean electricity will be competitive for consumers.

Wind Project
Company

PPA

Licensed Retail
Supplier

Customers
Supplied by 100%
clean energy

RTR Tariffs

Proposella

Proposella

REPA

Licensed Retail
Supplied by 100%
clean energy

The backbone of our electricity supply will come from a wind project that we have started developing in the region of Queens, slated to commence operation in the second half of 2023. We intend to sell that electricity to a mix of local commercial, industrial and institutional customers as well as small commercial and residential customers. We intend to focus first on larger customers whose electricity demands require in-depth assessment. In 2022, we will start engagement with all remaining customers.

Last week, Roswall submitted an application for a Retail Supplier Licence via the RTR Program. We do not plan to comment publicly on this application until it is reviewed by the UARB, however remain available to discuss this exciting opportunity privately with key stakeholders.

The purpose of this letter to Acadia First Nation is to clearly announce our intentions early in the process, so that we can facilitate thorough engagement and collaboration throughout the project.

This is a new and creative way to tackle the looming challenges of climate change with responsible, clean, local and competitive electricity for Nova Scotia. We look forward to the collaborations to come.

Please contact us if you would like more information.

Regards

Mitch Underhay, Development Manager



November 1, 2021

Chief Deborah Robinson Acadia First Nation 10526 Highway 3 Yarmouth, NS B5A 5J7

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Wind Project

PPA

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Roswall was approved by the UARB to act as a License Retail Suplier Retail Supplier Licence via the RTR Program on October 27, 2021. The retail supplier license will allow Roswall to provide Nova Scotians with the choice to have clean, renewable electricity supplied directly to their homes and business facilities.

The purpose of this letter to Acadia First Nation is to clearly announce our intentions early in the process, so that we can facilitate thorough engagement and collaboration throughout the project.

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Mitch Underhay, Development Manager



April 28, 2022

Chief Deborah Robinson Acadia First Nation 10526 Highway 3 Yarmouth, NS B5A 5J7

Opportunity for Involvement in Local Clean Electricity

Roswall Development Inc (RDI) is responding to the need for locally produced, competitive renewable energy in Nova Scotia by offering a new avenue to purchase electricity through the Renewable to Retail Program (RTR). In October 2021, RDI was approved as a Licensed Retail Supplier in Nova Scotia. Since that time we have advanced the development of the Mersey River Wind Project located near Milton, south of the Mersey River.

Further to our previous correspondence, RDI would like to offer Acadia First Nation (Acadia) the opportunity to be involved in this project. Our intention is to be clear and collaborative throughout all stages of our projects. The opportunity include:

- 1. Opportunity to secure up to 10% of equity in one or more of the phases of the (RTR)Mersey River Wind projects:
 - Phase 1, 33MW
 - o Permitted by Dec 2022
 - Constructed and commissioned by Dec 2023
 - Phase 2: 50 MW
 - Permitted by Dec 2022
 - Constructed and commissioned by Dec 2024
 - Phase 3: 50 MW
 - o Permitted by Dec 2022
 - Constructed and commissioned by Dec 2025
 - Timeline:
 - Work together in order to sign a memorandum of understanding by May 15, 2022
- 2. Invite Acadia to subscribe for common shares in Roswall Development Inc (RDI) as part of an IETC approved \$3million offering. These shares will be offered first to current shareholders, and then to a select group of investors. There may be a limit on the size of the investment available. We will provide the investor package on May 16, 2022 and any subscription for shares would be open to May 30, 2022 with full settlement on or before June 30, 2022.
- 3. RDI would also offer to commission Acadia's involvement and assistance with the completion of ecological and/or archeological studies as part of our Environmental Assessment.

This is a new and creative way to tackle the looming challenges of climate change with responsible, clean, local and competitive electricity for Nova Scotia. We look forward to the collaborations to come.

Regards,

Mitch Underhay, Development Manager Roswall Development Inc.



Mersey River Wind - Update and Collaboration

1 message

Mitch Underhay <mitch@roswall.ca>

Tue, Aug 23, 2022 at 10:52 AM

To: Rachel Stevenson <rstevenson@acadiaband.ca>

Cc: Dan Roscoe <dan@roswall.ca>, David Howell <david@roswall.ca>, Michel Samson <michel@roswall.ca>

Hi Rachel,

I hope that your summer is going well! I'd like to give you a quick update on the Mersey River Wind Project, and mention some possible next steps.

The field work is almost complete and we will be submitting the EA this September. Membertou Geomatics is conducting the Mi'kmaq Ecological Knowledge Study and is coordinating a site visit with an elder followed by interviews.

We hosted another public meeting in Milton in August. The response was generally positive, with a few letters of support from residents and councillors. If you or others in your community are interested, we are happy to share the same information with you, either in person or digitally.

With the Rate Based Procurement process complete, the opportunity to participate in our projects is still available. We would be pleased to assist the Acadia, Bear River and Annapolis bands to become more energy independent while building internal capacity. For our part, we would like to include traditional knowledge into our projects at every stage. We have spoken a few times about about building retrofits, investment opportunities, hiring first nation contractors, and working with knowledge keepers

With all of the ways that we could work together, Roswall would be willing to cost-share in a full-time position for someone to coordinate all of the possible collaborations. This may be a person from Acadia, Bear River or Annapolis. Their goal would be to liaise between ourselves and the different communities of southwest Nova Scotia.

We would like to have a call before we submit our EA about how we could work together.

Regards,

Mitch



Mitch Underhay Development Manager Roswall Development Inc c: 647 472 2020 roswall.ca





Chief Robinson and Council Acadia First Nation 10526 Highway 3 Yarmouth, NS B5A 5J7

Proposed Mersey River Wind Farm, New Opportunity for Local Clean Electricity

Below is a copy of the letter sent to all Mi'kmaq communities in Nova Scotia for your knowledge, since Acadia is already fully aware of the Project.

We acknowledge that we are in Mi'kma'ki, the unceded land of the Mi'kmaq people and that we are all bound by the Treaties of Peace and Friendship. As the closest community to the project, we have had a number of conversations with Acadia First Nation over the last year. Now, we would like to introduce ourselves, the Renewable to Retail program, and the Mersey River Wind Farm to all Mi'kmaq communities in Nova Scotia.

The proposed 148.5 MW Mersey River Wind Farm will be in Kespukwitk, near Milton in the Region of Queens, owned by Mersey River Wind Inc, and developed by Roswall Development Inc. (Roswall). Based in Halifax, the team at Roswall have been on the front lines of the significant energy transition that has taken place in Nova Scotia over the past decade. We are proud to have helped build 70 MW of wind energy in Nova Scotia. We've also conducted energy efficiency retrofits of over 100 public buildings and installed onsite renewable energy systems at over 1,000 locations, helping to save hundreds of millions of dollars in energy costs. Nova Scotia has committed to have 80% of our electricity needs supplied by renewable energy by 2030, and Roswall is ready to support this ambitious initiative.

Roswall has a vision to be a part of the clean energy transformation in Nova Scotia. This vision relies on new, creative approaches and investments on both sides of the meter, allowing everyone to fully transition to clean energy without leaving anyone behind. This means looking critically at our full province's whole energy system, from generation to consumption.

This project will be the first project to use the **Renewable to Retail** (RTR) Program. Enabled by changes to the Electricity Act in 2015, RTR allows private entities to apply for approval as Licensed Retail Suppliers and sell electricity directly to consumers using Nova Scotia Power's infrastructure with predetermined tariffs. Roswall's subsidiary (4363174 Nova Scotia Ltd) was approved by the Nova Scotia Utility and Review Board (NSUARB) to act as a Licensed Retail Supplier via the RTR Program on October 27, 2021, allowing Roswall to provide Nova Scotians with the choice to have clean, renewable electricity at a competitive price.

This means the Mersey River Wind Farm will be the first of its kind in Nova Scotia, selling 100% clean electricity to consumers through our own Licensed Retail Supplier.

The Mersey River Wind Farm is proposed on a large tract of land managed by the Nova Scotia Department of Natural Resources and Renewables west of Milton on the rolling plateau south of the Mersey River. The site has been extensively logged by the now defunct Bowater Mersey Paper Co., leaving regenerating forests and a network of solid access roads. The Project site is being designed to minimize impacts to archaeological sites, culturally important areas, and wildlife habitat by using existing roads and water crossings as much as possible. A Mi'kmaq Ecological Knowledge Study is nearing completion, along with the archaeological work completed by Boreas Heritage Consulting.

We intend to submit the Environmental Assessment in the next few weeks. The first phase of the Mersey Project is slated for construction in 2023-2024 and will consist of 8 Vestas 150-4.5 MW wind turbines. Additional phases will add another 25, for a total of 33 turbines and 148.5 MW of electricity production by the end of 2025. Please see the attached site plan showing the proposed turbine locations.

In addition to employment opportunities, both temporary and full-time, we are planning the creation of an annual Community Dividend, based on project financial performance, to directly support community initiatives (e.g., parks, trails, community centre upkeep, scholarships, etc).

RTR is a new and creative way to tackle the looming challenges of climate change with responsible, clean, local, and competitive electricity for Nova Scotia. As we near submission for our Environmental Assessment, we would like to notify all Mi'kmaq communities in Nova Scotia and invite any feedback that you may have. Roswall is committed to being a good neighbour and we look forward to the collaborations to come.

Please do not hesitate to contact us with any questions or feedback.

Regards,

Daniel Roscoe, P.Eng.





Chief Toney and Council Annapolis First Nation 29 Toney Blvd Cambridge, Nova Scotia BOP 1G0

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Daniel Roscoe, P.Eng.





Chief Potter and Council Bear River First Nation 130 Reservation Rd, Bear River, NS BOS 1B0

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Chief Denny and Council Eskasoni First Nation 63 Mini Mall Drive Eskasoni, NS B1W 1A6

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Chief Peters and Council Glooscap First Nation 159 Smith Road, Hantsport, Nova Scotia Canada, BOP 1P0

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Chief Paul and Council Membertou First Nation 47 Maillard Street, Membertou, NS B1S 2P5

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Chief Gloade and Council Millbrook First Nation P.O. Box 634 Truro, NS B2N 5E5

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Chief Francis and Council Paqtnkek Mi'kmaw Nation 7 Dillon Street, Afton Station, NS BOH 1A0

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Roswall has a vision to be a part of the clean energy transformation in Nova Scotia. This vision relies on new, creative approaches and investments on both sides of the meter, allowing everyone to fully transition to clean energy without leaving anyone behind. This means looking critically at our full province's whole energy system, from generation to consumption.

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Please do not hesitate to contact us with any questions or feedback.

Regards,

Daniel Roscoe, P.Eng.





Chief Paul and Council Pictou Landing First Nation 6533 Pictou Landing Road Site 6 Box 55, RR#2 Trenton, NS BOK 1X0

Proposed Mersey River Wind Farm, New Opportunity for Local Clean Electricity

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Chief Marshall and Council Potlotek Landing First Nation 12004 Nova Scotia 4, PO Box 538, St. Peter's, NS BOE 3B0

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Chief Glasgow and Council Sipekne'katik First Nation 522 Church Street, Indian Brook, NS BON 2H0

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Chief Bernard-Daisley and Council We'koqma'q First Nation 150 Reservation Road We'koqma'q, NS BOE 3M0

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Nova Scotia Wind Energy Projects

Development Brief July 2021



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- Opportunities
- Overview
- Procurements
 - Renewable to Retail
 - Rate Based Procurement
 - Green Choice Program
- Mersey River Wind Project
 - Project Site
 - Schedule
 - Crown Land
 - Wind Assessment
 - Interconnection
 - Environmental Assessment
 - Additional Permitting
 - First Nations Engagement
- Big Pond Wind Project
 - Site Plan
 - Description



Opportunities

- Utility scale wind
 - Develop transmission connected wind energy projects from prospecting to operation
 - Partnership opportunity for project development
- Deep Energy Retrofits
 - Reduce costs through designed, built, and financed deep energy retrofits of existing facilities
- Microgrids
 - Enable large consumers to incorporate renewable energy and energy storage to lower costs and emissions while increasing reliability and efficiency





Wind Overview

Mersey River Wind Energy Project

Roswall is seeking partners to develop co-located wind energy projects on large tracts of Crown land near the Milton Substation in Queens County Nova Scotia. A second project location has been identified in Cape Breton.

The Opportunity

The Province of Nova Scotia has opened three new avenues for renewable energy projects to come online:

- The Renewable to Retail program enables Licensed Retail Suppliers to sell directly to consumers
- The Rate Based Procurement, late Oct 2021
- The Green Choice Program, expected in Jan 2022





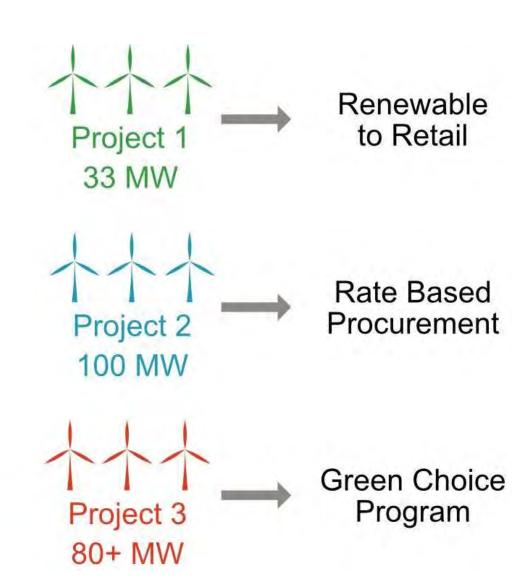
Wind Overview

Phase 1

- Develop Project 1 (32MW) for Renewable to Retail
- If possible, develop Project 2 (100 MW) for the Rate Based Procurement concurrently, combining:
 - Environmental field work
 - Wind measurement
 - Point of Interconnection
- Seek independent
 - Interconnection Requests
 - Environmental Assessments
 - Power Purchase Agreements

Phase 2

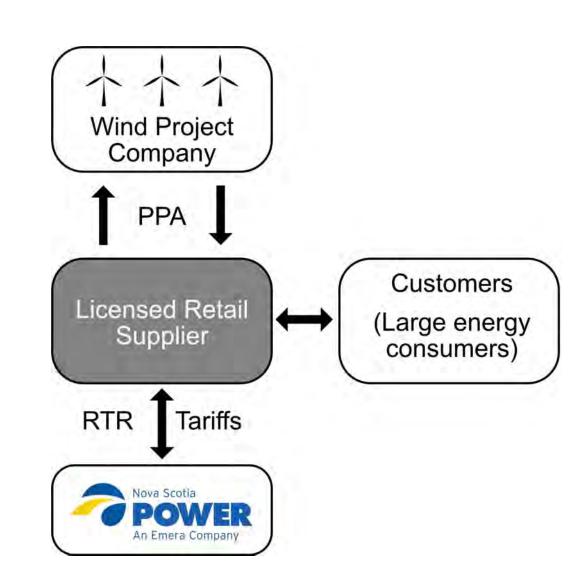
Develop Project 3 (88 MW) Independently





Renewable to Retail

- Enabled by amendment to Electricity Act in 2015
- Private entities may register as Licensed Retail Suppliers to sell directly electricity to consumers using Nova Scotia Powers Infrastructure with predetermined tariffs
- This program allows for private entities to contract their own offtake without waiting for a government procurement
- Customers purchasing electricity may also buy into the generating asset
- This is the most likely avenue to success and the focus of our development efforts.



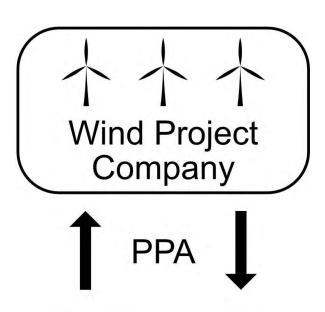


Rate Base Procurement

- 350 MW total
 - o 1,200 1,500 GWh
- 100 MW projects max
- RFP expected in Fall 2021
- COD by Dec 31, 2025

Scored based on:

- Project Risk
- Price
- Social and Economic Benefit
- Grid Benefits

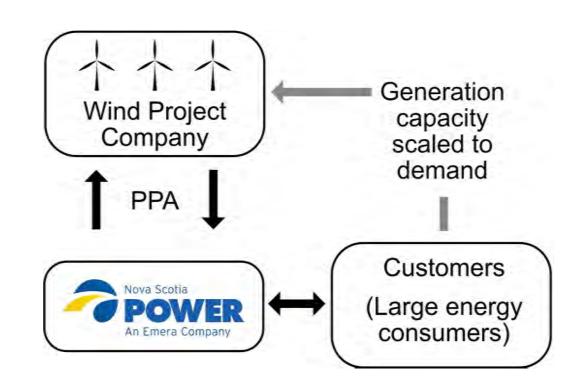






Green Choice Program

- RFP expected after the Rate Based Procurement is complete, likely Jan 2022
- Consumers subscribe to program declaring their interest in purchasing their electricity from renewable sources
- RFP for new generators is scaled to the demand of the interested consumers
- Once proposals for generators are received, the interested consumers sign a long-term contract to purchase electricity
- PPAs are issued to new generators

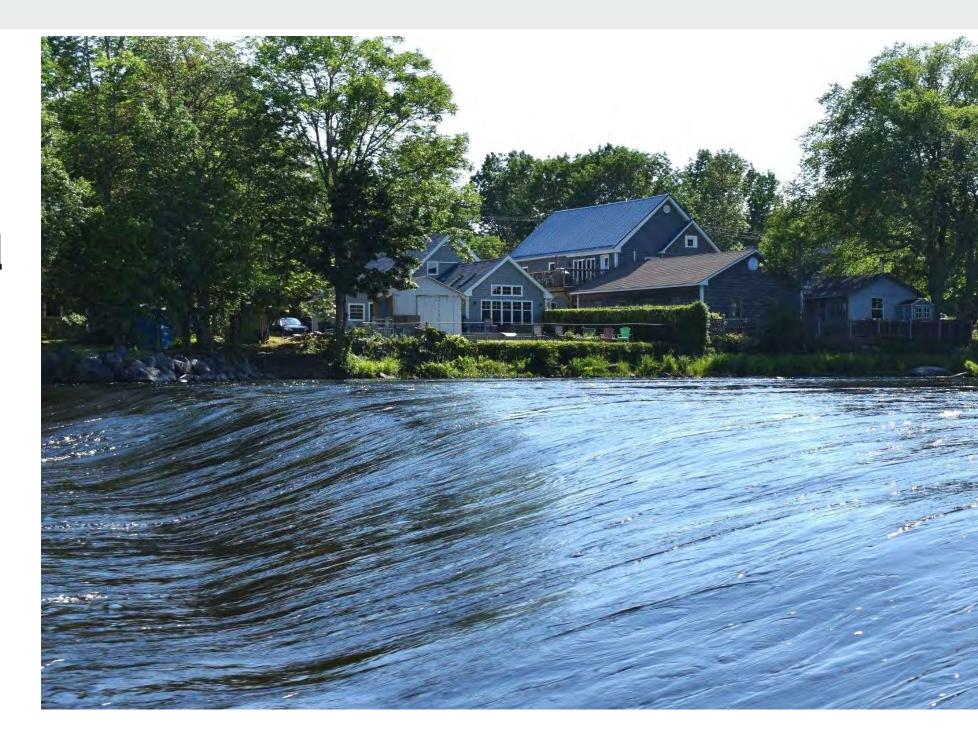




Mersey River Wind Project

Queens County, Nova Scotia

Our primary and most developed site

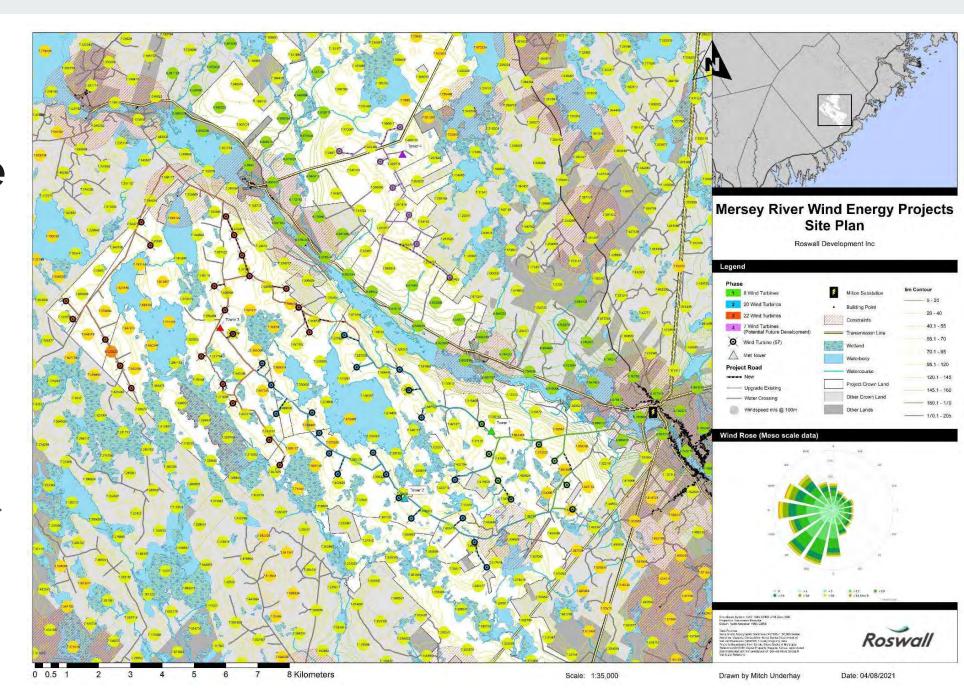




Project Site

This project site is on a high, rolling plateau above the Mersey River close to the Milton Substation, southeast of the Ponhook First Nation

The land in white is part of Roswall's crown land request. This initial layout will change as the project development progresses.





Task Name	Start	Finish	2020	2021	2022	2023	2024	2025	2026
Procurement Programs	Mon 8/2/21	Mon 8/8/22	Procurement Programs						
Project 1: Renewable to Retail	Mon 8/2/21	Fri 10/15/21	Project 1: Renewable to Retail						
Project 2. Rate Based Procurement (Estimate	d) Wed 9/15/21	Mon 1/31/22	Project 2: Rate Based Procurement (Estimated)						
Project 3: Green Choice Program (Estimated)	Mon 1/31/22	Mon 8/8/22			Project	3: Green Choice Program	(Estimated)		
Land Control - All Projects	Fri 5/8/20	Fri 11/3/23				La	nd Control - All Projects		
Wind Testing - All Projects	Fri 12/18/20	Tue 2/28/23	Wind Testing - All Projects						
Project 1	Mon 2/1/21	Mon 5/27/24	*				Project 1		
Project 1 Development	Mon 2/1/21	Mon 11/21/22	Project 1 Development						
Project 1 Financing	Wed 12/7/22	Tue 2/28/23	Project 1 Financing						
Project 1 WTG Procurement	Tue 2/28/23	Thu 2/15/24	Project 1 WTG Procurement						
Project 1 Construction	Wed 3/1/23	Mon 5/27/24					Project 1 Co	nstruction	
Project 1 COD	Mon 5/27/24	Mon 5/27/24					Project 1 CO	D	
Project 2	Mon 2/1/21	Thu 7/18/24			******		Project 2		
Project 2 Development	Mon 2/1/21	Mon 11/21/22			F	Project 2 Development			
Project 2 Financing	Mon 1/2/23	Fri 3/24/23				Project 2 Financin	g		
Project WTG Procurement	Fri 3/24/23	Tue 3/12/24					Project WTG Proc	urement	
Project 2 Construction	Mon 3/27/23	Thu 7/18/24					Project 2	Construction	
Project 2 COD	Thu 7/18/24	Thu 7/18/24	<u> </u>				Project 2	COD	
Project 3	Thu 9/30/21	Wed 8/6/25	-						Project 3
Project 3 Development	Thu 9/30/21	Fri 11/3/23				Programme Programme	oject 3 Development		
Project 3 Financing	Mon 11/6/23	Fri 1/26/24					Project 3 Financing	1-17.	In In
Project 3 WTG Procurement	Fri 1/26/24	Tue 1/14/25						Project 3 WTG	3 Procurement
Project 3 Construction	Mon 1/29/24	Wed 8/6/25					_		Project 3 Construction
Project 3 COD	Wed 8/6/25	Wed 8/6/25						*	Project 3 COD



Project Site

The site has been extensively logged by the now defunct Bowater Mersey Paper Co., leaving regenerating forests and a network of solid access roads.





Crown Land

- Review process:
 - Prior conflicting land use
 - Environmental concerns
 - First Nation engagement
- To date:
 - Application submitted in May 2020
 - Development Plan submitted Nov 2020
 - Currently in Step 2 of Application process
 - Letter of Authority granted for Met Towers
 - Awaiting Integrated Resource Management review
- Must have cabinet approval for final Lease





Wind Assessment

- Meteorological Test Tower 1
 - o Installed April 7, 2021
- Mesoscale analysis
 - Windspeed @ 100m = 7.46 m/s
 - Mesoscale data
- Summary file with measured wind speeds to date in data room





Interconnection

- Interconnection application submitted: IR 597
- Feasibility Study completed
- System Impact Studies completed in batches
 - Target SIS study Group 30: Oct 29 to March 15 2021
 - SIS Study Group 31: March 22 to Aug 3, 2022
- Final Generator Interconnection Agreement to be finalized in Q3 2022





Environmental Assessment

- Contracted Strum Consulting
- Field studies underway
 - Wetland, watercourse delineation
 - Wildlife surveys
 - Projects 1 and 2, 80% complete (Aug 9, 2021)
- Avian RADAR
 - Deployed August 16 for a 2-year campaign
- Mi'kmaq Ecological Knowledge Study
- Public Engagement





Additional Permitting

- Municipal Development Agreement
 - One Development Agreement negotiated with Council for all three project sites
 - o Public Hearing will be required
 - No issues foreseen
- Federal
 - NavCan / Transport Can under review









We are renewable energy experts.

Based in Halifax, Nova Scotia in Canada, our team at Roswall have all been involved in various aspects of Nova Scotia's transition to 40% renewables.





Our Experience

We have been on the front lines of the significant energy transition that has taken place worldwide over the past decade. Collectively, we are proud to have completed energy efficiency retrofits of over 100 public buildings and installed onsite renewable energy systems at over 1,000 locations, helping to save hundreds of millions of dollars in energy costs.

Wind energy

500 MW

Completed over 500 MW of early stage wind energy development

Energy construction

\$150 M

Led over \$150 million USD of energy construction

Finance and operation

50 MW

Constructed, financed, and operated over 50 MW of renewable energy projects



Our People

Mitch Underhay, BCom (H) Development Manager

Installed 25 wind turbines at more than a dozen projects sites in ten jurisdictions in the United States and Canada.

Ray Robinson, P.Eng Director

CEO of Saint John Energy and board member/past chair of the Canadian Electricity Association. Former COO of Emera Caribbean.

Daniel Roscoe, P.Eng Managing Director

Former COO of Scotian WindFields and SWEB Development. Extensive experience in wind and solar energy projects, policy, and public infrastructure construction.

Hon. Michel Samson, BA, LLB, ECNS Board Chair

Counsel at Cox & Palmer. Former Member of the Nova Scotia Legislature and Minister of Energy.

Barbara Pike, BCom Director

Member of the Canada Nova Scotia Offshore Petroleum Board and former founding CEO of the Maritime Energy Association.

David Howell, CPA, CMA Head of Finance

President of New Valley Homes and CFO of Brison Developments. Former lead for SWEB Development project financing for Nova Scotia.

Edgar Samson Director

President and CEO of Premium Seafoods Ltd and is on the Board of a number of community organizations in Isle Madame, Nova Scotia.

Dale Robertson, P.Eng Director

President of Enerscan Consultants and an award-winning subject matter expert on energy efficiency.









Mersey River Wind - Renewable to Retail

Public Engagement Material

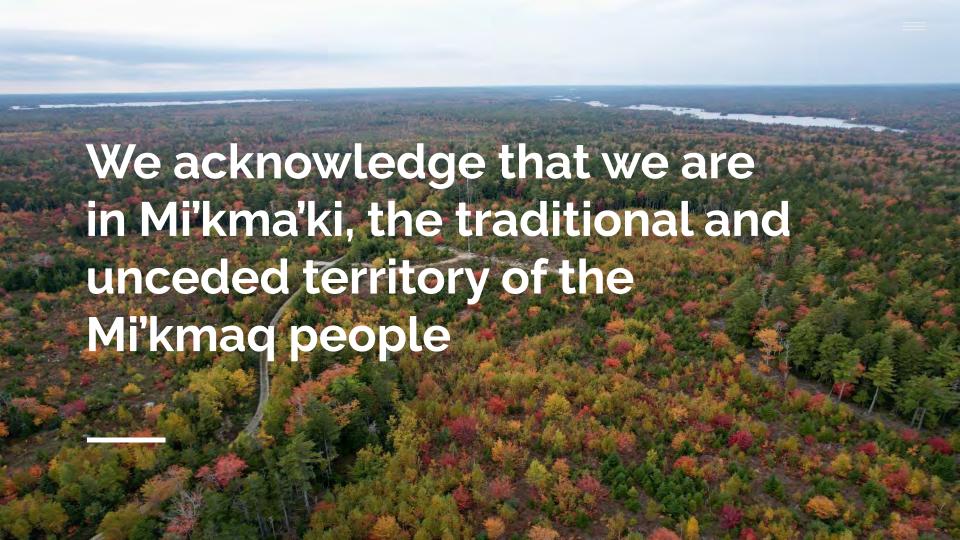




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- Who We Are
- Renewable To Retail
- Project Site
- Wind Turbines
- Project Status
- First Nation Engagement
- Next Steps



Roswall Development Inc

- Utility scale wind
- Solar Installations
- Deep Energy Retrofits

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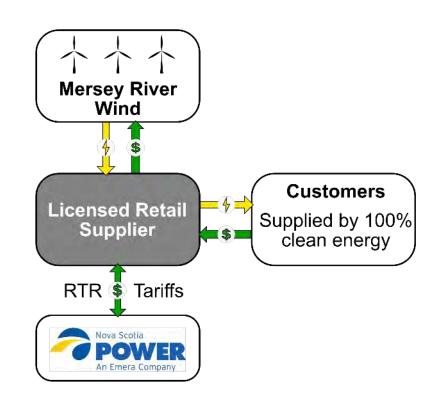
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Constructed, financed, and operated over 50 MW of renewable energy projects



Renewable to Retail

- 2015 Amendment to Electricity Act means private entities may register as Licensed Retail Supplier to sell electricity directly to consumers using Nova Scotia Power's Infrastructure with predetermined tariffs (fees)
- Affiliate of Roswall was awarded first Licence in October 2021
- Program allows choice for Nova Scotian electricity customers for the first time
- We will start with large consumers on the south shore, then open to residential customers in 2023
- Public launch once wind project is fully permitted

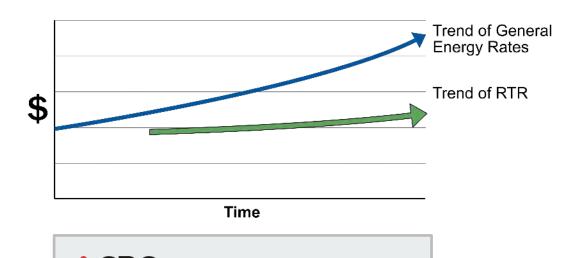




Renewable to Retail: Benefits

While electricity rates continue to rise in Nova Scotia, the cost of generating wind power is falling. Consumers will save money in the long-term by purchasing wind power directly. That means:

- Lower costs for homeowners and businesses
- Attracting new businesses to the region that need clean energy
- We keep more dollars in Queens county, rather than spending money to import fossil fuels for energy generation
- Creating competition in the Nova Scotia energy market to reduce emissions in cost-effective ways

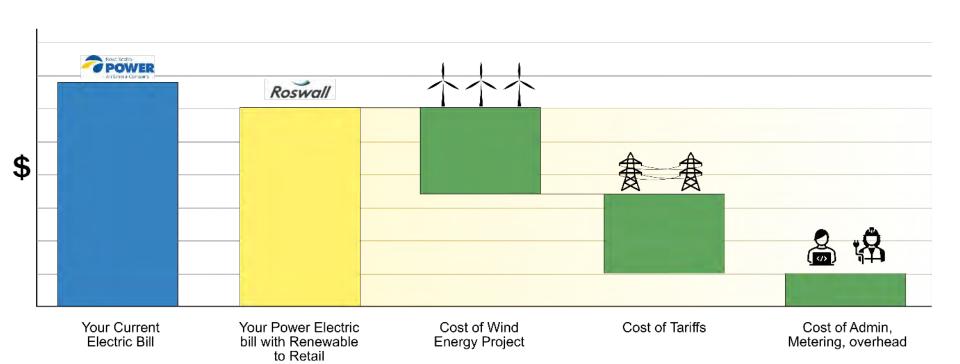




Roswall Development Inc. has been issued a licence by the UARB, but man hurdles remain...



Renewable to Retail: Cost Breakdown





Vision

Roswall's vision includes clean energy investments in both side of the meter, allowing clients to fully transition to zero emission.

Interest express from traditional industries: Forestry, Seafood, Real estate

as well as new industries such as: Green Hydrogen, Biofuel, Grow Ops, Data Centres

Generation	Retail	Onsite Retrofits
Utility scale wind and solar costs are lower than marginal costs of electricity in many markets	Renewable to Retail licence in Nova Scotia allows direct access to customers	Investments in energy efficiency, onsite renewables, electrification (transport/heat), resilience, and flexibility can help lower overall costs



The Mersey River Wind project will be located on a large tract of land managed by the NS Department of Natural Resources and Renewables west of Milton on the rolling plateau above the Mersey River. The site has been extensively logged by the now defunct Bowater Mersey Paper Co., leaving regenerating forests and a network of solid access roads.

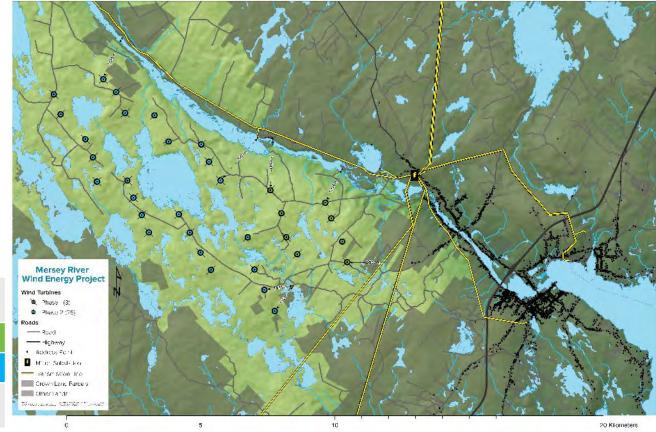


Site Plan

Permits and approvals for both phases will be combined, but construction will take place over three years.

The shared site access and powerline routes are still in discussion with the Crown.

	Turbines	Capacity	Start
Phase 1	8	33.6 MW	2023
Phase 2	25	114.9 MW	2024
TOTAL	33	148.5 MW	





Wind Turbines

Capacity: 4.5 MW

Rotor Diameter: 150m

Blade Length: 74m

Hub height: 105m

Total height: 180m

Guided by anemometers (wind sensors), each blade adjusts its angle to catch or spill the wind, which turns the rotor (hub and blades). The rotor cranks the gearbox, which keeps the generator at its optimal RPM. The nacelle is cooled by a radiator. The entire nacelle turns to face the wind.











Project Status

Complete

- Renewable to Retail License
- Two Public Community Meetings
- NavCan permit approved

Ongoing

- Ongoing application under review with DNRR
- Environmental Assessment work underway, submission this Fall
- 2 active Interconnection requests



First Nation Engagement to Date

Acadia Correspondence

2021 10 04 - email/phone calls

2021 10 13 - Introduction Letter

2021 01 01 - RTR Letter

2021 11 04 - Project Presentation

2022 04 28 - Update, invitation to invest

2022 08 25 - Update

- Updates on the Mersey River Wind Project
- Updates on the Renewable to Retail program
- Invitation to participate economically through direct investment in this project, future RTR projects, or the development company behind them
- Offer to supply Acadia with electricity as RTR client
- Offer to help supply the contractors for Environmental work
- Work on training and capacity building for retrofit projects
- Request to cost-share full-time position to coordinate all present and future collaborations



Next Steps

Feedback and questions on the Mersey River Wind Project?

Feedback or questions on the future, long-term RTR projects?

How can we work with KMK and Acadia to help manage the land on this site?

How can we create meaningful partnerships for our future RTR project?





roswall.ca merseywind.ca



GOVERNMENT ENGAGEMENT





Mersey River Wind - Renewable to Retail

Public Engagement Material

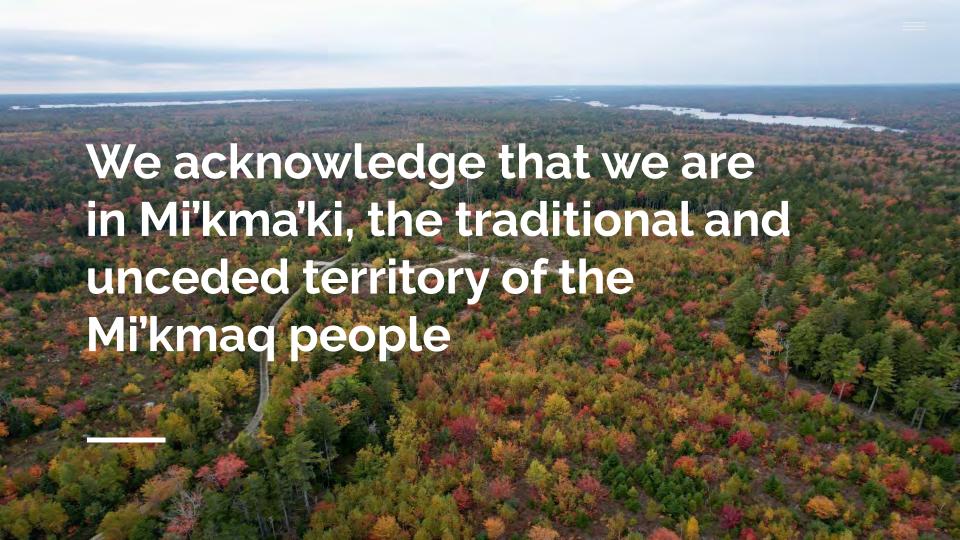




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- Who We Are
- Renewable To Retail
- Wind Turbines
- Project Site
- Approvals
- Wind Measurement
- Approvals
- Environmental Assessment
- Community Benefits



Roswall Development Inc

- Utility scale wind
- Solar Installations
- Deep Energy Retrofits

We have been on the front lines of the significant energy transition that has taken place worldwide over the past decade. Collectively, we are proud to have completed energy efficiency retrofits of over 100 public buildings and installed onsite renewable energy systems at over 1,000 locations, helping to save hundreds of millions of dollars in energy costs.

Wind energy

500 MW

Completed over 500 MW of early stage wind energy development

Energy construction

\$150 M

Led over \$150 million USD of energy construction

Finance and operation

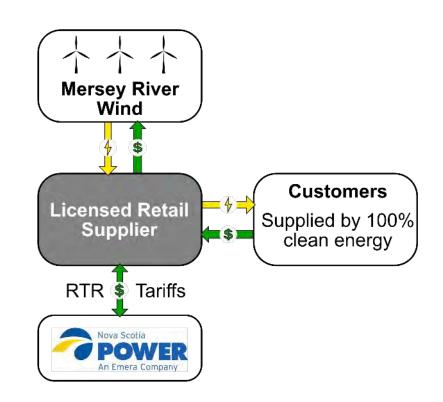
50 MW

Constructed, financed, and operated over 50 MW of renewable energy projects



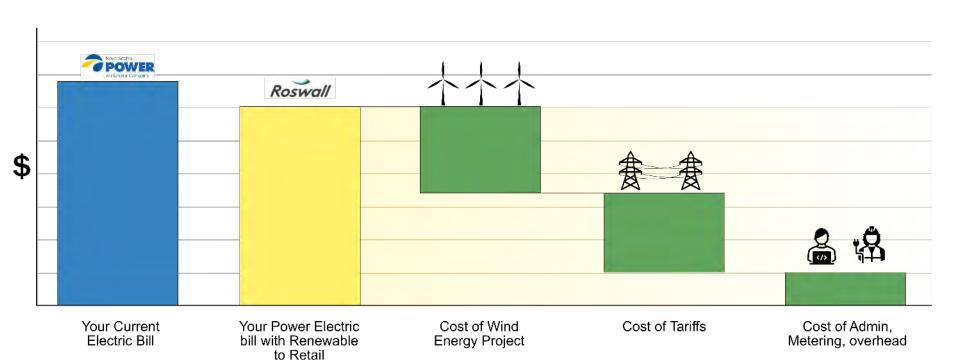
Renewable to Retail

- 2015 Amendment to Electricity Act means private entities may register as Licensed Retail Supplier to sell electricity directly to consumers using Nova Scotia Power's Infrastructure with predetermined tariffs (fees)
- This is the first chance for customers to sign up and purchase 100% renewable electricity from Roswall rather than Nova Scotia Power
- We will start with large consumers on the south shore, then open to residential customers in 2023
- More details coming in fall 2022





Renewable to Retail: Cost Breakdown

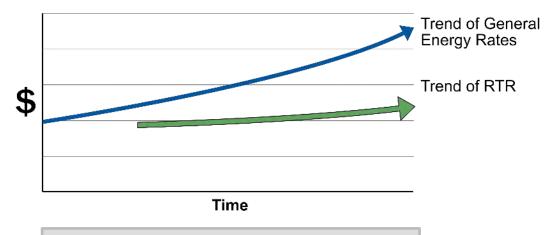




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Construction

A wind project needs good roads, crane pads, and laydown areas. During construction, the project will employ approximately 100 temporary jobs.

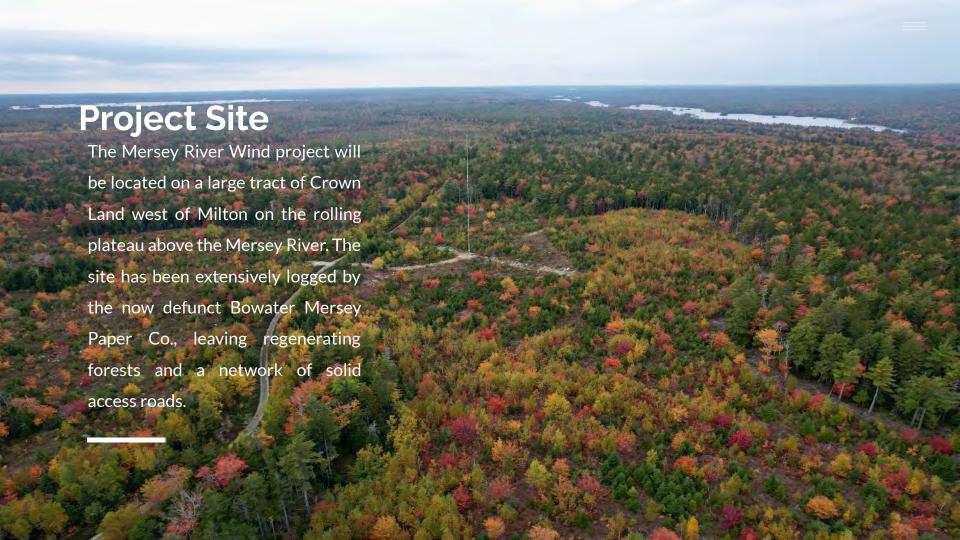
Shipped from factories around the world, the large components may meet for the first time on site.

The tower sections are lifted into place and anchored by the large concrete foundations. Once the nacelle and hub are assembled, each blade is lifted and bolted to the hub.









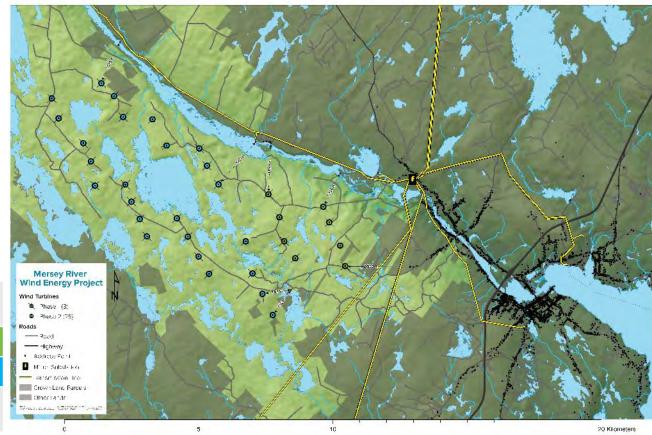


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Approvals

Municipal

- Development Agreement requires permission from DNRR (Crown land) before formal application
- Conducting community outreach in advance of formal application

Provincial

EA underway

Federal

NavCan permit approved

Interconnection

- 2 active Interconnection requests
- 1 System Impact Study underway



Wind Measurement

A 60m meteorological testing tower has been on site since April 2021. By comparing the measured wind speed and direction to historic climate data, we can predict the wind profile for our site. When we match that with a turbine model, we can predict how our energy generation with a reasonable degree of certainty.









Environmental Assessment

- Contracted Strum Consulting
- Wetland, watercourse,
 Vegetation, Wildlife
- Avian RADAR campaign
- Mi'kmaq Ecological Knowledge Study
- Archaeology survey
- Public Engagement
- After a review by Nova Scotia
 Environment review, we will
 have....









Other Enviro Slide to come

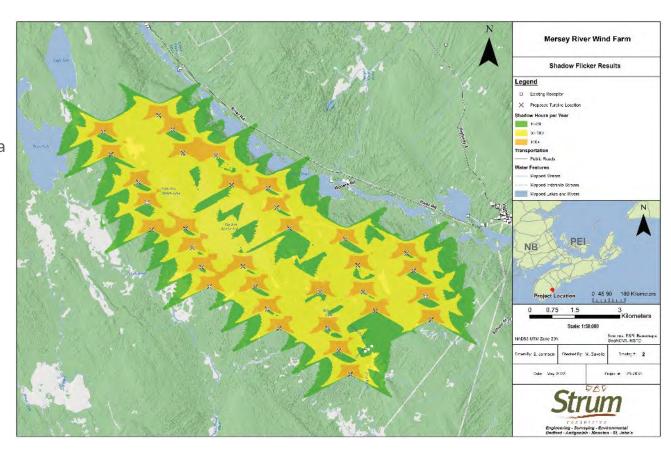


Shadow Modelling

Shadow flicker is when a wind turbine blade blocks the sun for a moment. The shadows change over the course of the year, creating these peculiar shapes.

This model assumes:

- No vegetation
- It is always sunny
- It is always windy



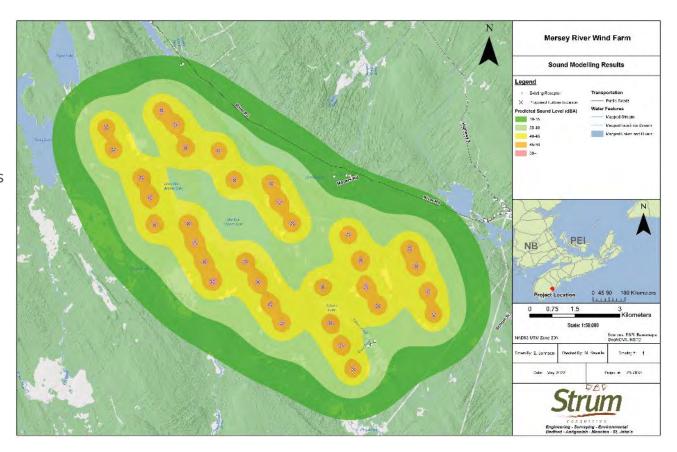


Sound Modelling

Like anything that moves, wind turbines emit sound at different frequencies (pitch). That sound is carried on the wind.

This is a model of the sound levels created by the turning blades. It assumes:

- There is no vegetation
- It is always windy
- Everywhere is downwind







Sound Reference Chart of A-weighted Decibels		
115 dBA	Take-off sound of planes at 10 m distance	
105 dBA	Chain saw at 1 m distance	
90 dBA	Lawnmower at 1 m distance	
75 dBA	Passing car at 7.5m distance	
65 dBA	Normal Conversation	
55 dBA	Low volume of radio or TV at 1 m distance	
50 dBA	Refrigerator at 1m distance	
45 dBA	Noise of normal living; talking, or radio in the background	
35 dBA	Very quiet room fan at low speed at 1m distance	
25 dBA	Sound of breathing at 1m distance	



Community Benefits

Roswall is committed to being a good neighbour. Our direct community benefits include:

Creation of an annual Community Dividend, based on project financial performance, to create an endowment fund to directly support community initiatives Priority Access to Renewable to Retail clean energy rates

Creation of a not-for-profit energy rate to provide additional savings to important community services





Community Benefits

At least 100 people will be temporarily employed during construction.

During operation, this project will need a dedicated crew of 6-12 Full Time Equivalent technicians.

Annual Taxes Revenue for municipality: \$7,900 per MW* \$1,170,000 Total

Please tell us how we can be good neighbours.





