APPENDIX B ENGAGEMENT

MI'KMAQ ENGAGEMENT



October 10, 2023

RE.: Support for Wind Strength Environmental Assessment

To Whom It May Concern:

As the leadership of the Membertou community, our role is to serve our community in many capacities, including strong governance, and skilled administration of the programs and services necessary for our people. Over the last three decades, we've been working diligently every day to build economic prosperity to ensure that not only can we provide the necessities for our community, but we can break generational cycles of poverty.

In our efforts towards growth, Membertou created the *Membertou Development Corporation*, which today is home to thirteen corporate business entities, and also encompasses various partnerships and ownership models; all of which directly benefits the people of our community. Commercial revenues generated in Membertou work in a cooperative model, which sees profits reinvested back into our people, and our businesses. Wind Strength is one those projects, which will have significant impact for two very important reasons:

- 1. Wind Strength will support Canada, Nova Scotia (Mi'kma'ki), and the world's transition to green energy. As Mi'kmaq, and first peoples of this land, we are incredibly passionate about our role in stewardship for the lands and waters of our territory.
- Wind Strength's eventual revenue model will follow our Membertou model; revenues generated from this project will come back to our community to directly support our people.

We are supportive of this project, and know that its potential will have positive impacts for the future. In Mi'kmaq culture, we value preservation of our lands for the next seven generations. The actions we take today, will determine what is inherited by our children and grandchildren for years to come.

Please accept this letter with full support for Wind Strength's Environmental Assessment from our Chief & Council. Please do not hesitate to reach out to us about details surrounding the Wind Strength project at any time.

Wela'lioq. Thank you. Sincerely,

Membertou Chief & Council



GOVERNMENT ENGAGEMENT

strum

CONSULTING



Bear Lake Wind Project
July 6th, 2023

Presentation to NSECC's EA Branch

Agenda



- Introduction
- Status
- Timeline
- Questions



Project Team

- Membertou FN is Majority
 Shareholder
- Everwind Fuels as a Minority Stakeholder
- Developed and Operated by RES Group
- Membertou WELCOMING THE WORLD

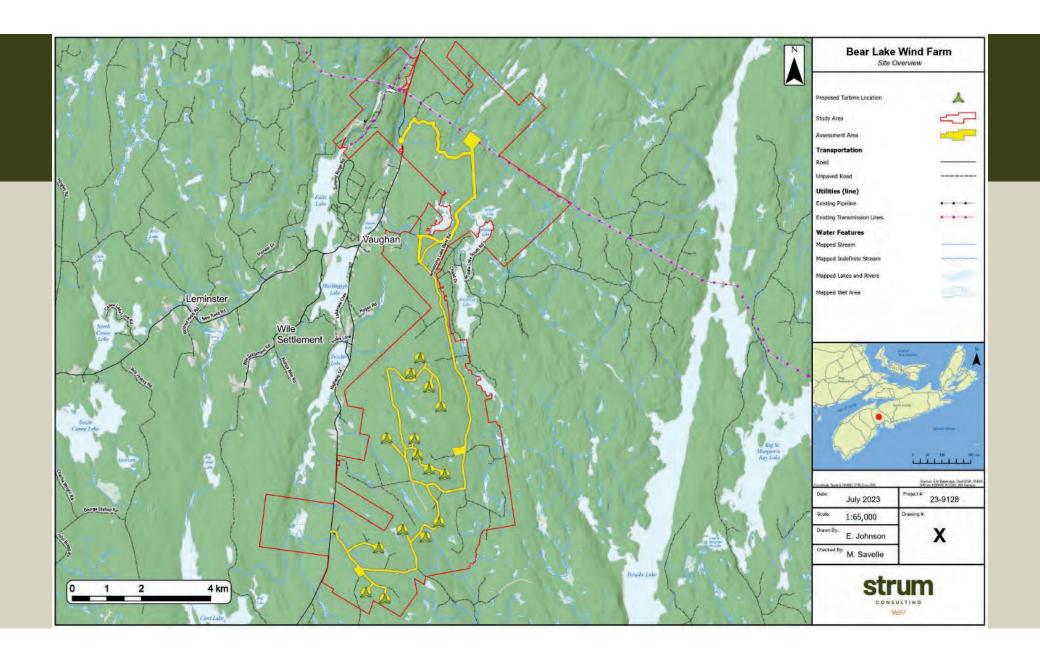


- Strum Supporting with EA
 Preparation and field
 studies
- Some component studies undertaken by subconsultants and contractors



Location – Bear Lake Wind Project

- Upper Vaughn, NS
 - SSW of Armstrong Lake
 - North of Kaizer Meadow
- 15 turbines, approximately 80MW
- Halifax, Hants, and Lunenburg Counties
- Crown and Private Lands



Field Studies



Completed

- Avian (year 2 in progress)
- Bats (year 2 in progress)
- Lichens (targeted to high quality habitats)
- Aquatics (turtles, fish, fish habitat)
- Vegetation and Terrestrial habitats
- Terrestrial Fauna

Field Studies

- Field studies ongoing (2023)
 - Watercourses
 - Wetlands
 - Terrestrial Habitats
 - Old Growth
 - Archaeology (supplemental)



Consultation & Engagement

- Regulatory agency engagement to inform field studies (since late 2021/early 2022)
- Public and stakeholder engagement is ongoing
 - Two Public Information Sessions scheduled (open house format) for late July and late August/early September.
- MEKS currently being initiated with Membertou Geomatics Solutions

Timeline

- Field Studies completed
 July
- EARD Preparation In July/August/September
- EA Registration in September 2023

Questions?





Bear Lake Wind Farm Project

West Hants Regional Municipality

Council Presentation





- Team Introduction
- Project Overview
- Work Done to Date
- Community & Stakeholder Engagement
- Community Benefits
- Next Steps







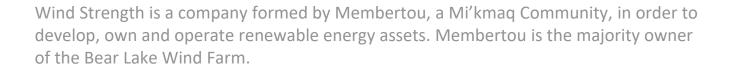




Team Introduction









Membertou is an urban and progressive Mi'kmaq community located on Unama'ki – Cape Breton Island. With a strong focus on community growth through economic development, the spirit of Membertou is driven by its close-knit and vibrant people.



EWF was founded in 2022 and in currently developing a multi-phased, multi-billion dollar green ammonia production, with the first phase expected to be operational late 2025. EWF is a minority equity partner in Bear Lake Wind Farm.



RES has been engaged as Project. RES is the world's largest independent renewable energy company. At the forefront of the industry for over 40 years, RES has delivered more than 23GW of renewable energy projects across the globe including onshore and offshore wind, solar, energy storage and transmission and distribution.



Strum Consulting is a Nova Scotia based environmental consultancy company with a professionally skilled team that focuses on a multitude of development-related projects across Atlantic Canada. Strum has extensive experience in environmental surveys and environmental assessments (EAs) as well as permitting at the federal, provincial and municipal levels.



Project Overview – Project Location















Project Overview – Project Description



Key Project Characteristics	
Location	West Hants, Halifax & Chester - Nova Scotia
Land	Private & Crownland (Majority Private Land).
Number of Wind Turbine Generators (WTG)	14-18 WTGs depending on model chosen
Total Generator Capacity	Up to 89 MW
Point of Interconnection	138 kV NSPI transmission line.
Interconnection Studies	System Impact Study Completed.
Electricity Off-taker	Nova Scotia Power Incorporated (NSPI) with transmission
	services to provide power to EWF Phase 1 Green
	Hydrogen and Ammonia Facility.
West Hants Development Agreement	Q1 2024/ As soon as possible
Construction Start (Clearing + Roads)	Q3 2024
Proposed Commercial Operations Date (COD)	Q4 2025
BoP O&M Agreement	Renewable Energy Systems Canada Construction (RESCC)
BOF OWN Agreement	Reflewable Effergy Systems Callada Constituction (RESCC)





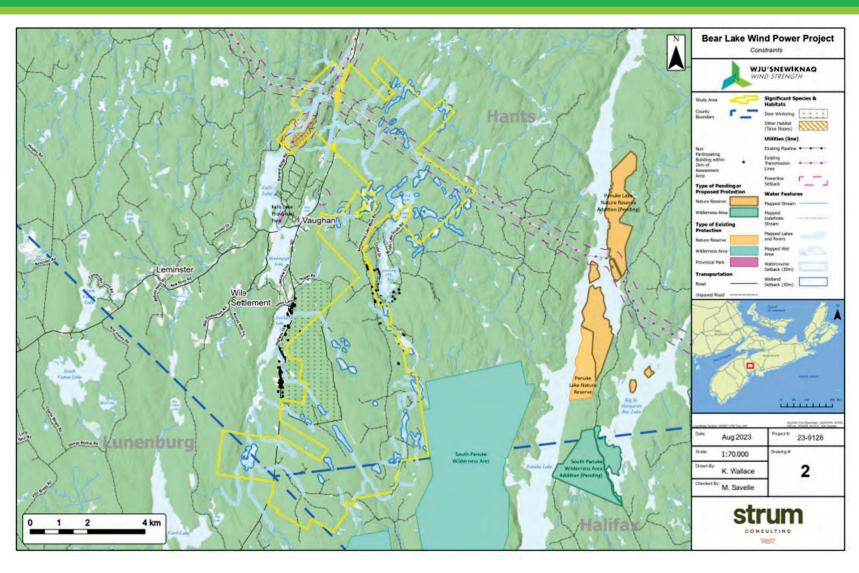






Environmental Surveys – Study Area

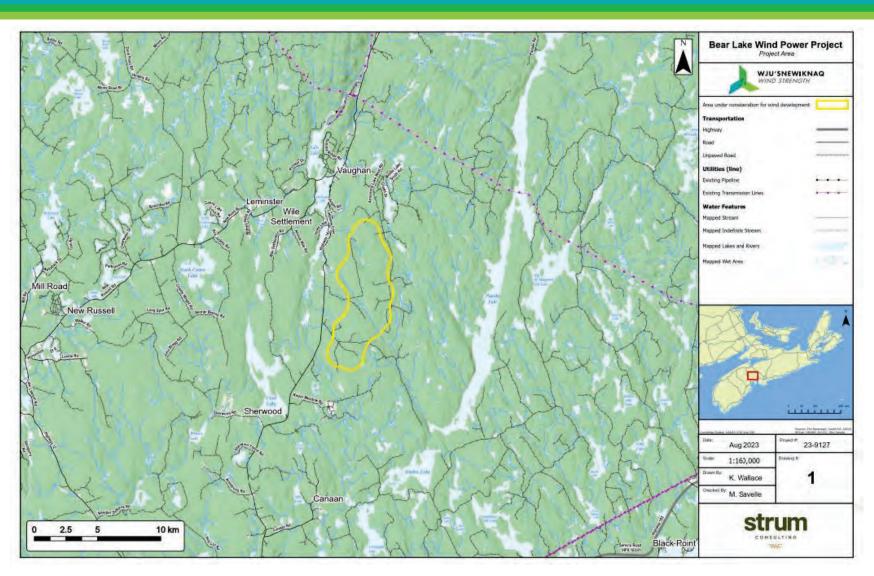






Environmental Surveys – Development Area







Work Done To Date



- Wind measurement campaign ongoing. To be complemented by the installation of an additional Met Tower.
- Initial Design has commenced following the initial engagement and Open House.
- Meetings with West Hants Development Manager to discuss and initiate Development Agreement Discussions.
- Meetings with other municipalities also initiated.











Community & Stakeholder Engagement



- Stakeholder and Community Engagement Initiated and Ongoing. This includes government, stakeholder groups and community.
- Councilors, MLAs and MPs for the area have been contacted and meetings have been held with most.
- Over 30 stakeholder groups at the federal, provincial and municipal level have been contacted and one-on-one meetings are ongoing.











Community & Stakeholder Engagement



- Initial Open House took place on August 23, 2023. Open House was 3 hours at the South West Hants Fire Hall.
- First Open House consisted of an introduction to the Project and the Project area and to answer questions from the community. Feedback from the community is being considered for Project Design.
- Over 50 people attended the Open House.













Community Benefits



- Local tax revenues throughout the life of the project
- Committee for the Maximization of Local and First Nation Benefits
 Contracting opportunities for First Nations & community businesses & contractors
 Employment Opportunities
- Construction and operations jobs and support services during construction and throughout the life of the project
- Increased local spending on goods and services during the project's development, construction and operational phases.
- Electricity subsidy fund Homeowners within proximity of the project will be eligible to receive a yearly subsidy
- Community vibrancy fund Will support community organizations near projects
- Bursary fund Will support local community members to train in the renewable energy industry













- Second Open House 19 September 2023
- Met Tower Installation September 2023
- Finalizing Project Design September/October 2023
- Initiation of Development Agreement Process

 September 2023
- EA Registration October 2023













Thank You!





Bear Lake Wind Farm Project

Municipality of the District of Chester

Council Presentation





- Team Introduction
- Project Overview
- Work Done to Date
- Community & Stakeholder Engagement
- Community Benefits
- Next Steps







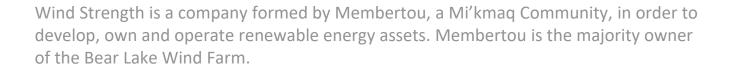




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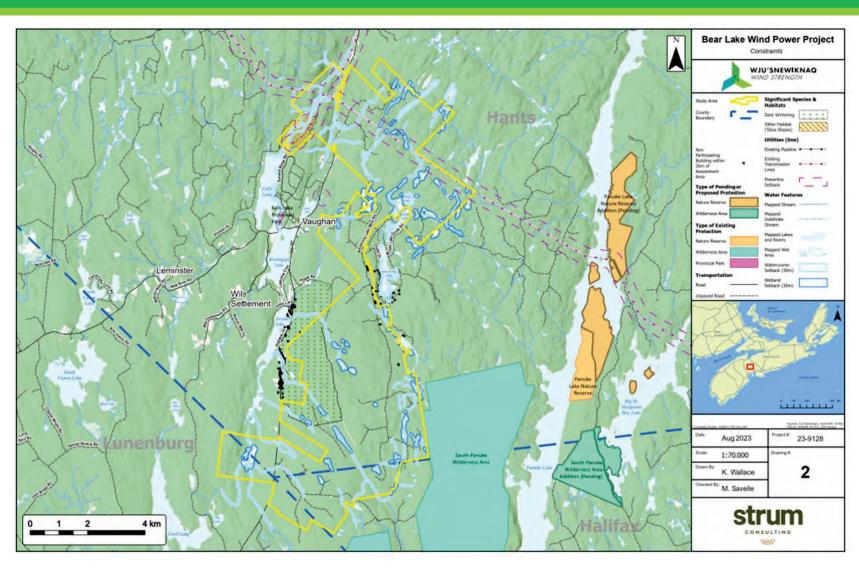






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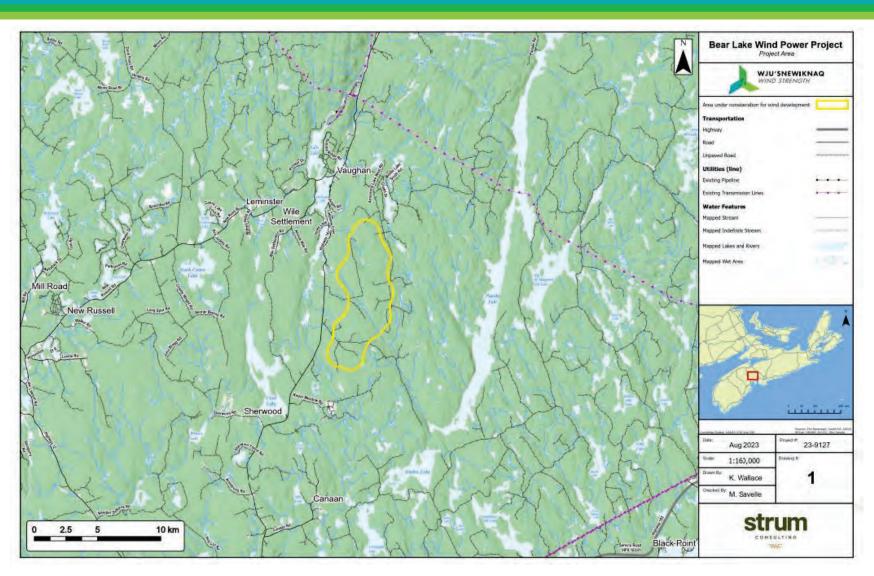






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Thank You!

Public & Stakeholder Engagement



ABOUT THE PROJECT

Wind Strength, a Membertou company, is planning to jointly develop with EverWind Fuels LLC (EverWind) the Bear Lake Wind Project (the project), a new 89 MW wind development to be located close to the intersection of the West Hants, Chester and Halifax Municipalities, Nova Scotia, to be constructed in 2024-2025. The project will harness the Province's world class wind resource and is being specifically developed to partially power EverWind's green hydrogen and green ammonia facility in Point Tupper, Nova Scotia. The project includes \$170 million of investment, the creation of local jobs, and meaningful steps towards economic reconciliation.

Project details

The proposed project comprises up to 17 turbines, medium-voltage electrical cabling, a substation and access roads, located on private and Crown land. The project would be connected to a Nova Scotia Power 138kV line, by way of a transmission line connecting to the project substation.

The project will be newly constructed zero-emission generation capacity that represents additional green power that would not have been built under the Province's recent Rate Base Procurement program. Prior to Membertou's acquisition of the project and partnership with the EverWind green hydrogen and green ammonia production facility, Bear Lake's development was paused and not scheduled for project completion.

Wind Strength and EverWind have engaged Renewable Energy Systems Canada Inc. (RES) as the project developer to develop, design, construct and operate the project. Wind Strength and EverWind have also engaged Strum Consulting (Strum) to complete the environmental studies and environmental assessment (EA) which is expected to be completed before the end of 2023.

The Project Development Team continues to study the site and how to minimize the impact of the development on habitat and wildlife.

WHY WIND?

Affordability

Thanks to the evolution of wind turbine technology and other factors, wind energy is the lowest-cost option for new electricity generation in Nova Scotia today, all sources combined.

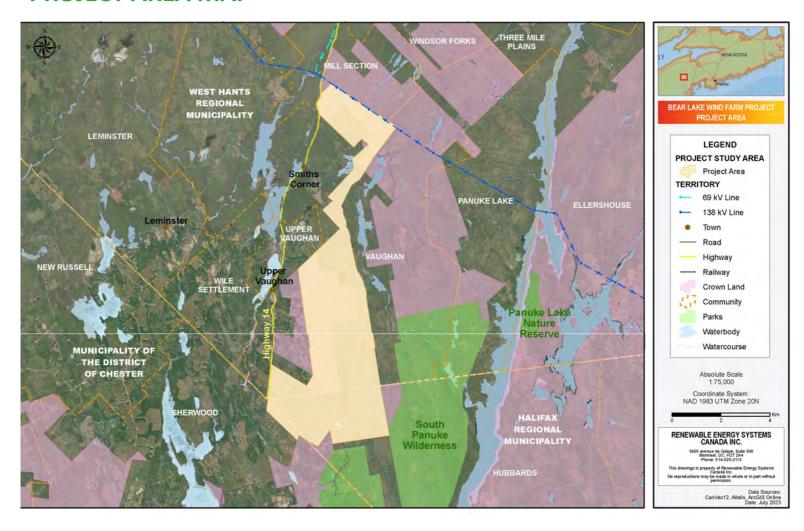
Environment

Wind energy produces no carbon emissions or other air contaminants. It is a key solution to fighting climate change.

Community

Wind projects benefit local communities through economic development, job creation, training, lease payments to local landowners and tax payments to the host communities.

PROJECT AREA MAP



Comprehensive site maps, preliminary turbine layouts, visual impact studies, and a full project overview will be publicly available in the coming weeks and months in coordination with relevant stakeholders and rightsholders during public open houses.

STUDIES AND ASSESSMENTS

Nova Scotia has thorough environmental compliance procedures, which culminate in the Environmental Assessment and approval process. To navigate the process and ensure that the project meets and exceeds local, provincial, and federal environmental standards, Wind Strength and EverWind are working with Strum Consulting, an experienced local environmental consultancy, to undertake detailed studies, including desktop and field studies focused on:

- Flora and fauna species and habitat
- Wetlands and watercourses
- Geotechnical
- Sound and shadow flicker
- Visual simulation / photomontages
- Cultural and heritage resources
- Socio-economic assessment



SUPPORTING YOUR COMMUNITY

Wind Strength, EverWind, RES, and Strum are active players in the communities where the project is located and can support various fundraising events and special initiatives that bring local benefit.

If you have any ideas on how we can take an active role in the community, please contact us to discuss community contributions or sponsorship opportunities.

LOCAL BENEFITS

The Bear Lake Wind Project will bring substantial local economic and social benefits to the community. These include:

- Local tax revenues throughout the life of the project
- Project to provide employment through a committee
- First Nation Partners to maximize contracting and employment opportunities
- Contracting opportunities for First Nations & Community businesses
- Construction and operations jobs and support services during construction and throughout the life of the project
- Increased local spending on goods and services during the project's development, construction and operational phases

PUBLIC OPEN HOUSE



Tuesday August 22, 2023
From 5 pm to 8 pm
South West Hants Fire Station
1884 Nova Scotia Trunk 14, Windsor, NS BON 2TO

To learn more about this project, please join us at our first public open house. The event will consist of an evening of discussion with the project team and industry specialists.

Refreshments and snacks will be served.

COMMUNITY ENGAGEMENT AND PUBLIC CONSULTATION

As the project proceeds through the development process, Wind Strength, EverWind, RES and Strum are committed to working with all landowners, stakeholders and rights holders to establish and maintain a strong relationship with the community. We strive to exceed the minimum requirements on all our projects, and we commit to responding and acting on all comments and concerns in a timely manner. We welcome the opportunity to meet with local experts and stakeholders and are actively working to maximize local contracting and employment during the construction and operational phases of the project.

Recognition of the Mi'kmaq & their Ancestral Territory

EverWind Fuels and RES acknowledge the ancestral and unceded territory of the Mi'kmaq people, and we acknowledge them as the past, present, and future caretakers of this land, Mi'kma'ki. Our work shares a core principle practiced by the Mi'kmaq: environmental stewardship.

We are committed to working with Mi'kmaw through consultation, engagement and delivering a comprehensive partnership on all aspects of the project.



Wind Strength, a Membertou company, is planning to jointly develop two wind farms, Bear Lake and Kmtnuk, with EverWind Fuels and RES. Wind Strength is a translation of the Mi'kmaq word "Wju'snewiknaq" (Wu-jew-sin-eh-wee-ginn-ah), which embodies the strength, resiliency, and environmental stewardship of the Mi'kmaq people through green energy leadership. For generations, Mi'kmaw were prevented from participating in and benefitting from the development of Canada's natural resources. Today, as the past, present, and future caretakers of this land, we are proud to be at the forefront of building a cleaner future for Nova Scotia and the world.

ABOUT EVERWIND

EverWind is North America's leading independent green hydrogen developer. EverWind received the first Environmental Approval in North America for a large-scale green hydrogen project, and is well progressed in design, engineering, and development for the first phase of both its green energy generation projects and the production facility which will convert this energy into green hydrogen. EverWind owns and operates the deepest ice-free berth on the East Coast of North America, with world class access to rail, roads, and pipelines. Our safety-first culture reflects a highly skilled and extensively certified workforce, with a stellar safety record. EverWind has three First Nations equity partners and is a champion for meaningful engagement with Rightsholders and the advancement of social and economic reconciliation. At a local level, the Company works closely with municipalities and stakeholder organizations. EverWind is led by Trent Vichie, a co-founder of Stonepeak Infrastructure Partners, and a former Blackstone Partner. EverWind's development team consists of over 20 members who have previously held senior positions at various infrastructure, private equity, renewable power, engineering, and utility companies. EverWind is also supported by a world-class advisory team including Black & Veatch, ILF, RES, Strum Environmental, McInnes Cooper, King & Spalding, McKinsey, Morgan Stanley, CIBC, and Citi.

ABOUT **CS**

RES, the largest independent renewable energy company in the World, is a family-owned business, owned by the McAlpine Family Trust, and has been in the renewable energy business since 1981. Through our corporate culture and values, we are dedicated to a zero-carbon future for all Canadians and our focus is solely on renewable energy projects (wind and solar) and supporting & enabling projects (energy storage and transmission). RES has been developing, constructing, owning, and/or operating renewable energy, transmission, and energy storage projects in Canada since 2003. To date, RES has developed and/or built 28 projects across Canada.



Strum Consulting is Atlantic Canada's leader in engineering, surveying, and environmental services. Our skilled team of 150 multidisciplinary professionals consists of certified site professionals, engineers, geologists and hydrogeologists, biologists, technologists, legal land surveyors, and masters-level environmental specialists. Strum recently completed the environmental work and the approved Environmental Assessment (EA) for EverWind Fuels' Green Hydrogen/Ammonia facility; the first of its kind in Atlantic Canada! We're thrilled to be continuing to support EverWind on the future phases of this exciting project in Nova Scotia and in Newfoundland and Labrador

CONTACT US

Bear Lake Wind Power Project 2101-1969 Upper Water Street Halifax, NS | B3J 3R7 Info@bearlakewindcom

PUBLIC OPEN HOUSES

Bear Lake Wind Farm Project

Date: August 22nd, 2023

Time: 5pm-8pm

Location: South West Hants Fire Station

1884 NS-14, Windsor, NS BON 2TO

Kmtnuk Wind Farm Project

Date: August 23rd, 2023

Time: 5pm-8pm

location: Earltown Community Centre

5527 Highway 311, NS BOK 1P0

Winds of Change

Getting to know EverWind Fuels and local partners

Volume 1: Bear Lake and Kmtnuk Wind Farms

The energy landscape is changing. Canada is currently in the top 10 hydrogen/ammonia producers globally, but most of that hydrogen is "grey", meaning it is created from fossil fuels. Canada has a strategy to become one of the world's leaders in the production, use, and export of green hydrogen to replace fossil fuels. Green hydrogen is produced by non-carbon emitting sources, like wind power. Hydrogen is difficult to transport requiring very low temperatures for compression, which is why it's converted into ammonia for transportation. Ammonia is an ideal energy carrier, it's safe and easy to transport with a high energy efficiency.

EverWind Fuels (EWF) is a company founded by veteran Infrastructure Investor, Trent Vichie, and is leading the continent in this transition, developing the first green hydrogen/ammonia facilities in North America. EWF saw an opportunity in Nova Scotia, who boasts one of the best wind resources across the continent. In 2022, EWF purchased an industrial storage facility in Point Tupper. The terminal was originally built as an oil refinery in the 1960s and converted to an oil transshipment facility in the 1980s. The terminal has been a large employer in the Point Tupper area with some veteran employees with 30 years plus at the facility.

Since the acquisition, all employees have retained their employment, seniority, and benefits, and EWF has maintained the corporate culture that veteran folks were so proud of. In addition to those working at the terminal, EWF has been hiring across the Maritimes growing its team to develop the wind farms to generate the clean electricity required to convert water into green hydrogen. The three wind farms acquired to date part way through development and did not have a clear path to commercialisation. This is where EWF stepped up to

deliver new, incremental wind to breathe life into Nova Scotia's green hydrogen economy.



EverWind employs 100+ full-time staff in Cape Breton and is an active community participant.

EWF's recognition of the Mi'kmaq and their ancestral territory inspired them to facilitate Wind Strength's majority ownership in the Bear Lake and Kmtnuk Wind power projects. Wind Strength is a wholly-owned Membertou company. EWF's work shares a core principle practiced by the Mi'kmaq: environmental stewardship. This partnership and the majority ownership by Wind Strength will bring long term economic benefit to the community, opportunities for stable employment and longterm revenue, while helping pave the way to reconciliation.

Stay tuned for future columns outlining the projects and partnerships that are fueling Nova's Scotia's energy transition. In the meantime, if you have a specific question you would like us to answer in our weekly column please contact us at: info@bearlakewind.com or info@kmtnukwind.com.





Welcome

Community Information Session





LAND ACKNOWLEDGEMENT



Recognition of the Mi'kmaq and their Ancestral Territory

We acknowledge the ancestral and unceded territory of the Mi'kmaq people. We also acknowledge the Mi'kmaq as the past, present, and future caretakers of this land, Mi'kmaki.

As a Membertou Company, Wind Strength is committed to meaningful engagement, collaboration, and accountability with all partners and Rightsholders in the advancement of social and economic reconciliation.



ABOUT WIND STRENGTH



Wind Strength, a Membertou company, is planning to jointly develop Bear Lake Wind Power Project with EverWind Fuels and RES. Wind Strength is a translation of the Mi'kmaq word "Wju'snewiknaq" (Wu-jew-sin-eh-wee-ginn-ah), which embodies the strength, resiliency, and environmental stewardship of the Mi'kmaq people through green energy leadership. For generations, Mi'kmaw were prevented from participating in and benefiting from the development of Canada's natural resources. Today, as the past, present, and future caretakers of this land, we are proud to be at the forefront of building a cleaner future for Nova Scotia and the world.





MINORITY OWNER





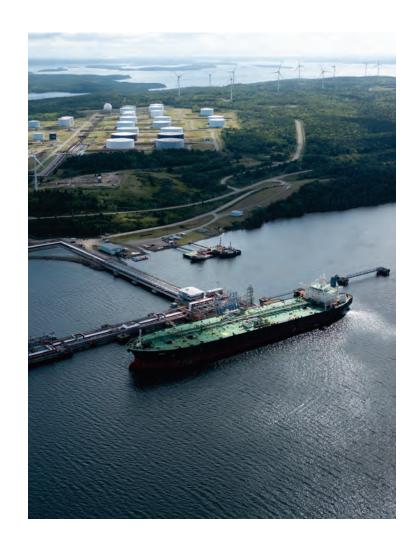
ABOUT EVERWIND



EverWind Fuels LLC is a developer of green hydrogen and ammonia production, storage facilities, and associated transportation assets. The EverWind Fuels team is comprised of over 100 employees, mostly from the local community, who are further supported by full time contractors and consultants.

We are developers, owners, and managers with experience in almost every infrastructure sub-category in North America, and a track record of success and delivering socially and environmentally responsible developments for all of our stakeholders.



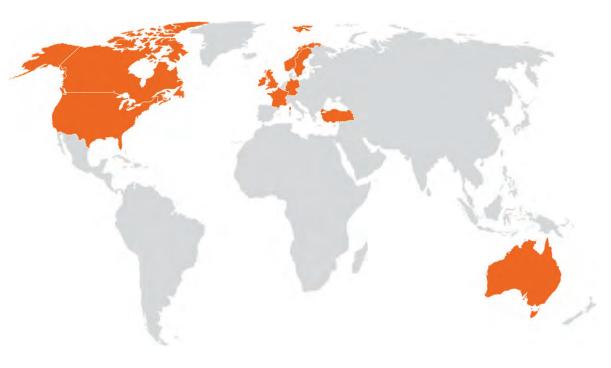




RES EXPERIENCE



RES is the world's largest independent renewable energy company. At the forefront of the industry for 40 years, RES has delivered more than 22GW of renewable energy projects across the globe and supports an operational asset portfolio exceeding 9GW worldwide for a large client base. RES employs more than 2,000 people and is active in 11 countries working across onshore and offshore wind, solar, energy storage and transmission and distribution.



23_{GW PORTFOLIO}

40 YEARS OF EXPERIENCE

12 GW ASSETS













WIND

SOLAR

STORAGE



ENVIRONMENTAL ASSESSMENT



The project is submitting to the province's rigorous **Environmental Assessment (EA) process**, which includes a comprehensive analysis of the potential environmental impacts of the project.

Strum Consulting is successfully guiding the process and conducting a series of detailed studies including:

- Watercourse and Wetland Surveys
- Vegetation and Habitat Surveys
- Bird and Bat Surveys
- Moose Surveys
- Sound and Visual Assessments
- Electromagnetic Assessments
- Archaeological Assessments
- Telecommunication Assessments















ENVIRONMENTAL MONITORING



As part of the survey process, specialized equipment is used to help ensure we have comprehensive environmental information.



Avian Radar

Radar systems are used to track biological targets (birds and bats) as they fly through the airspace. This data is used to help assess potential impacts on avifauna and to inform mitigation measures.

Meteorological (MET) Tower

- MET Towers are temporary structures designed to collect Weather related information, such as wind speed, wind direction, and temperature.
- MET Towers are unassuming in the landscape. Each MET Tower requires just a 100m buffer. Any impact on the surrounding area is minimal.



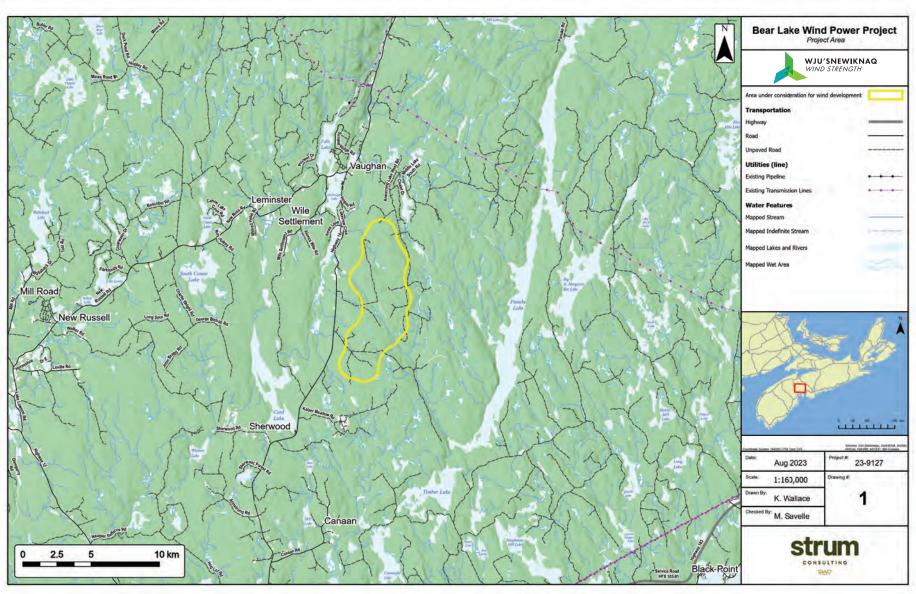
- MET Towers have a concrete base with guy-wires for support. The wires typically extend 60 metres in 3-4 directions from the tower.
- Each MET Tower has a permit application approved by the Government of Nova Scotia





BEAR LAKE WIND POWER PROJECT AREA

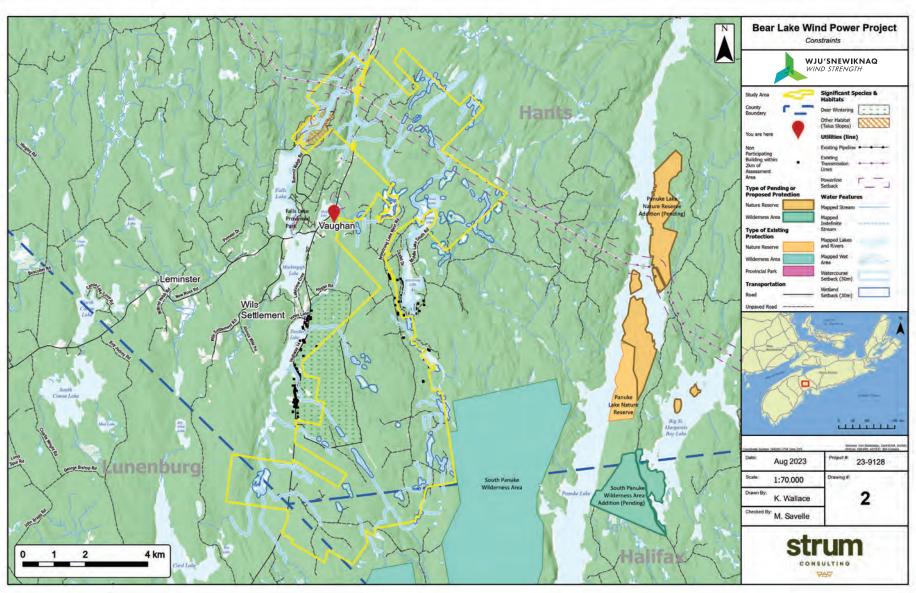






BEAR LAKE WIND POWER PROJECT CONSTRAINTS







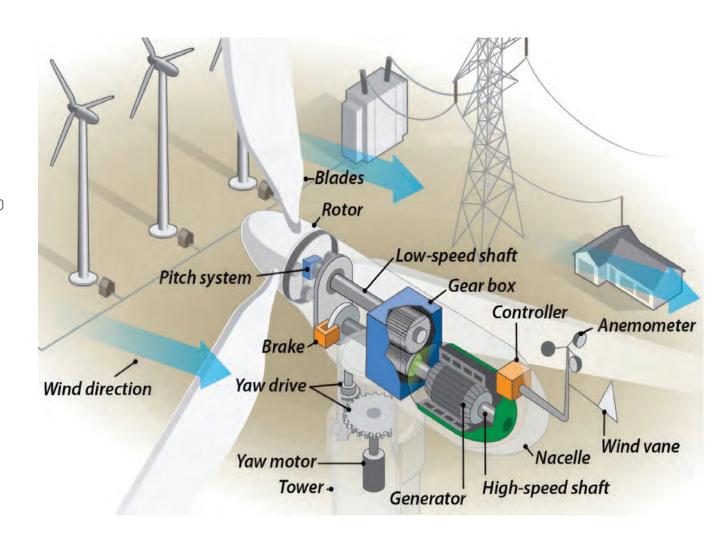
HOW WIND POWER WORKS



Modern turbines have three main components: the tower, the nacelle (or generator) and the blades.

The blades rotate when the wind blows and are attached to a gearbox in the nacelle, which turns the generator and produces electricity.

Electricity is then converted to a medium voltage AC current, transmitted via cables and is collected at a substation before being transmitted by overhead lines to the main electrical grid.





COMMUNITY BENEFITS







We believe our projects are net positives for the local communities in which we work.

Benefits Include:

- ✓ Local tax revenues throughout the life of the project
- ✓ Project to provide employment through a committee
- ✓ First Nation Partners to maximize contracting and employment opportunities.
- ✓ Contracting opportunities for First Nations & community businesses
- Construction and operations jobs and support services during construction and throughout the life of the project
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- ✓ Community vibrancy fund Will support community organizations near projects.
- ✓ Bursary fund Will support local community members to train in the renewable energy industry.



PROJECT DETAILS





Bear Lake Wind Power Project Details

- Total installed capacity of up to 89 MW
- Comprises no more than 17 turbine locations
- Turbines with a generation capacity of around 5.2 to 6.6
 MW each
- Will include a substation, operations and maintenance building and a temporary laydown yard
- Will include temporary wind measurement tower, and likely one long-term wind measurement tower to assess and monitor wind resource plus additional mid-term wind measurement devices.

*Although Turbine selection has not yet been made, turbine hub height is typically between 95 m to 120 m and blades can measure up to 85 m long

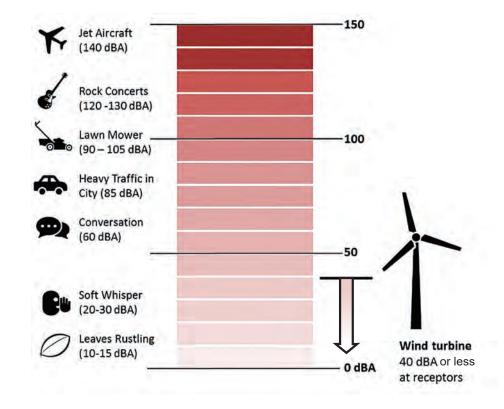


NOISE CONTROL



BEAR LAKE NOISE IMPACT ASSESSMENT

- Nova Scotia's EA Guidelines for wind power projects regulates that wind farm design and turbine siting must not cause sound levels to exceed 40 dBA at the exterior of receptors (dwellings).
- A noise assessment will be completed by Strum Consulting. Noise modeling will consider other operational projects and noise sources in the area.





CONSTRUCTION







Roads

We will use existing roads to minimize impact to land.

Electrical

Collector lines will be over head and transmission lines will follow project roads.

Turbine Footprint

Excavation of roughly half an acre is needed per turbine, reduced to less than a quarter acre after construction.



NOVA SCOTIA'S CURRENT ENERGY MIX



Did you know?

Wind farms are designed to last at least 25 years, but they are likely to last longer and modern turbines require very little maintenance.

Various factors are considered during project development including:

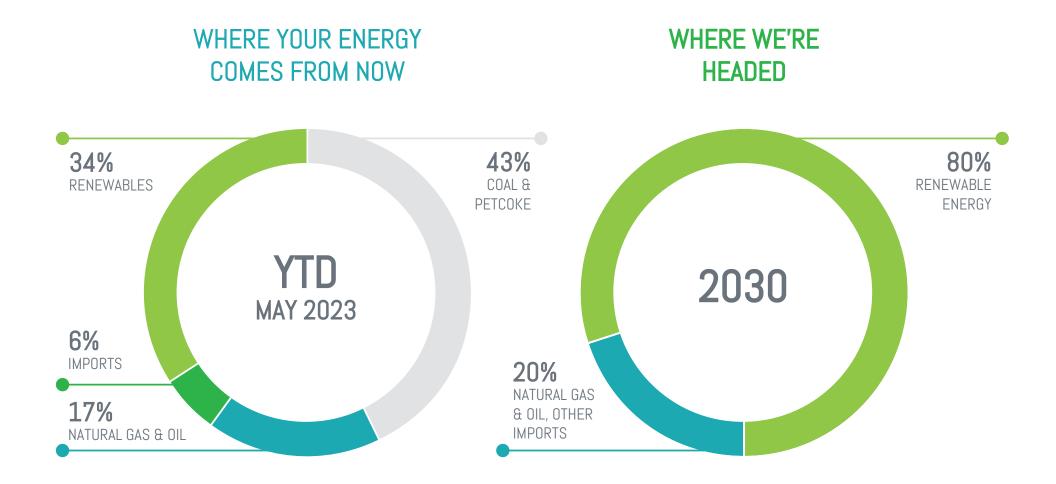
- Wind resource
- Electrical infrastructure transmission and distribution lines
- Environmental constraints wetlands and water courses, wildlife
- Noise considerations and shadow flicker
- Archaeological and cultural features
- Mi'kmaq environmental knowledge study (MEKS)

- Municipal Bylaws, land use order guidelines and setbacks
- Community input and other interested stakeholders and agencies
- Transportation infrastructure highways, roads, railways



NOVA SCOTIA'S CURRENT ENERGY MIX







COMMUNITY CONTRIBUTIONS



Wind Strength, EverWind and RES seek to be a good corporate citizens in the community and typically supports various fundraising events and special initiatives that benefit the local community

Examples of activities or organizations we have supported:

- Economic development
- Local charities
- Local sports teams
- Museums and libraries
- Agricultural associations
- ...and many more!

Do you have an idea of ways we can support your community? **Let us know!**







Thank you.

We appreciate you taking the time to join us. We would be happy to follow-up with you if you have any other questions about the Project. Please fill out a feedback form.







Open House #1 Bear Lake - August 22, 2023 Surveys

Name:

1. Did you find this event useful?

Yes, very

- Were all your questions about our project answered?

 Somewhat
- 3. Please share any comments, questions, or feedback you may have with the project No comments provided
- 4. Do you have any ideas on how we can support the community? Park development, Community Centre, Shared snow plowing

Name:

1. Did you find this event useful?

Yes, very

2. Were all your questions about our project answered? Yes, fully

- 3. Please share any comments, questions, or feedback you may have with the project I think the project will be great for the community and Chalet Helmet. Secondary road for fire access. We currently only have one way in and one way out, while there will be disruptors to the gate we all believe beneficial leave out way. I would assume Armstrong Lake West Rd will be fully maintained and plowed for easy access to the windmill farm. Opportunity for people to work homes out.
- 4. Do you have any ideas on how we can support the community? Employment opportunities, CHPOA donation to our park development. Housing for workers rentals. Park development, educational grants. Money for community centre. Electricity fund for homeowners. Better roads.

Name:

1. Did you find this event useful?

Yes. somewhat

- 2. Were all your questions about our project answered? No, not really. Roads being used for access.
- 3. Please share any comments, questions, or feedback you may have with the project Suggestions: use a model to demonstrate the production of H from wind
- 4. Do you have any ideas on how we can support the community? Road upkeep

Name:

1. Did you find this event useful?

Yes, very

- 2. Were all your questions about our project answered? Yes, fully
- 3. Please share any comments, questions, or feedback you may have with the project Needed competition, environment
- 4. Do you have any ideas on how we can support the community? Follow through with comments

Name:

1. Did you find this event useful?

Yes, very

2. Were all your questions about our project answered?

Somewhat

Clarification on benefits for Chalet Hamlet property owners (i.e., electric subsidy, road maintenance, into Hamlet, etc.)

- 3. Please share any comments, questions, or feedback you may have with the project Thank you for taking the time to speak with residents, very informative meeting.
- 4. Do you have any ideas on how we can support the community? Road maintenance (building, plowing, sanding, ditching) into Chalet Hamlet

Name:

1. Did you find this event useful?

No, not very

Welcome and introductions would have been useful, then info as to what we were hoped to come away with from this info session.

2. Were all your questions about our project answered?

No, not at all

It would have been helpful for those involved to wear name plates or some other badge so we knew easily who to ask questions of.

- 3. Please share any comments, questions, or feedback you may have with the project The posters were very informative and easy to understand. The visuals helped to make them inviting to read and discuss as well.
- 4. Do you have any ideas on how we can support the community? No comments provided

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1. Did you find this event useful? Yes, very

2. Were all your questions about our project answered?

Somewhat

Always interested in progress comments

- 3. Please share any comments, questions, or feedback you may have with the project Good meeting looking forward to it
- 4. Do you have any ideas on how we can support the community? Exit roads for fire

Name:

1. Did you find this event useful?

Yes, very

2. Were all your questions about our project answered? Somewhat

- 3. Please share any comments, questions, or feedback you may have with the project We truly appreciate your taking the time to show us the information about the wind farm project. This is exciting news for our community and surrounding areas. In speaking with community members one of the suggest concerns is the noise generated from the farm.
- 4. Do you have any ideas on how we can support the community? Rebates would be great. Taxes, power, etc.

Name:

1. Did you find this event useful?

Yes, very

- 2. Were all your questions about our project answered? Yes, fully
- 3. Please share any comments, questions, or feedback you may have with the project Hope the project gets approved, would be great for the community.
- 4. Do you have any ideas on how we can support the community? Employment

Name:

1. Did you find this event useful?

Yes, somewhat

2. Were all your questions about our project answered? Somewhat

- 3. Please share any comments, questions, or feedback you may have with the project Could you please send maps of your 3 projects
- 4. Do you have any ideas on how we can support the community? No comments provided

Name:

1. Did you find this event useful?

Yes, very

2. Were all your questions about our project answered? Yes, fully

- 3. Please share any comments, questions, or feedback you may have with the project This session was very useful all of my questions were fully answered. Your team is knowledgeable and open. I have a good feeling about the project, even more than I had before. I like how you are so caring about the environment and the people. Good luck, I hope your project succeeds.
- 4. Do you have any ideas on how we can support the community? You already are aware of our road issues-CHPOA. We definitely would be helped by having a second road out of the community. We are always fund raising for the park we are trying to build on Chalet Drive but we can talk about that another time.

Name:

1. Did you find this event useful?

Yes. verv

- 2. Were all your questions about our project answered? Somewhat
- 3. Please share any comments, questions, or feedback you may have with the project Looking forward to the next session with more definitive information
- 4. Do you have any ideas on how we can support the community? No comments provided

Name:

1. Did you find this event useful?

Yes, very

- 2. Were all your questions about our project answered? Somewhat
- 3. Please share any comments, questions, or feedback you may have with the project No comments provided

4. Do you have any ideas on how we can support the community? No comments provided

Name:

1. Did you find this event useful?

Yes, very

2. Were all your questions about our project answered? Yes, fully

- 3. Please share any comments, questions, or feedback you may have with the project No comments provided
- 4. Do you have any ideas on how we can support the community? No comments provided

Name:

1. Did you find this event useful?

Yes, very

- 2. Were all your questions about our project answered? Yes, fully
- 3. Please share any comments, questions, or feedback you may have with the project No comments provided
- 4. Do you have any ideas on how we can support the community? Community Living Committees (CLCs) help to educate the community ongoingly and identify community champions.

Name:

1. Did you find this event useful?

Yes, very

2. Were all your questions about our project answered?

Somewhat

Timelines for project and posted critical development progress (maybe as a dashboard to your webpage).

Can you provide historical comparison that demonstrates any impact to property values (positive or negative)?

3. Please share any comments, questions, or feedback you may have with the project Will the road be open to ATV/off highway while use?

Any import/restrictions to hunting in the area?

Define eligibility criteria for electricity subsidy fund (i.e. are recreational property owners/part time residents in the catchment area eligible?)

More information re. community vibrancy fund

More information re. road maintenance, road speeds

Contacts information/ info line

Will the environmental survey results be shared? Id like to know more about the local wildlife and patterns (*if there is a project information center the animal/plant survey and photos would be great to see... * interpretative center)

4. Do you have any ideas on how we can support the community?

Employment opportunities/job fairs/subcontracts (food,lodging)

Community development/grants – (for CHPOA park committee)

Progress meetings

Education- interpretative center /info center/ tours to the facility

Social media presence- Facebook page set up

Name:

1. Did you find this event useful?

Yes, somewhat

2. Were all your questions about our project answered?

No, not at all

Access. Are you gating roads? Are hikes, campus, berry picks, mushroom picks, trappers, or are hunters able to recreate? Can you hunt near a windmill?

3. Please share any comments, questions, or feedback you may have with the project I'm very concerned with the amount of wind farms and windmill we are setting in our area. South Canoe, Benjamins Mills, Bear Lake, and others in fold. How many is too many? Are you creating a CLC group?

Endangered species? The area has confirmed moose and marten sign and evidence in past 5 years. A trapped marten was passed into DNR and hair traps confirmed marten hair.

4. Do you have any ideas on how we can support the community? Property tax rebates / power rebates

Name:

1. Did you find this event useful?

No. not at all

I understood the event was to be a town hall where the company would present its tentative plan and then there would be a question and answer session. Questions breed questions and all attendees have the full discussion.

2. Were all your questions about our project answered?

No. not at all

No questions answered because no questions asked. Arrived at 4:40 and at 5:10 I asked Strum rep when presentation was to start. He said there was no presentation just the info on the boards and then turned around to someone at a map. What a waste of time and a missed opportunity by the company.

3. Please share any comments, questions, or feedback you may have with the project Ways to help the Chalet Hamlet Property Owners Association (CHPOA) and also the company have a smooth transition to a productive wind farm construction: The recent clear cutting on the south side of Armstrong Lake East Road has caused major washouts on the road coming in from Hwy 14. To ensure a safe transit for your heavily trucks I recommend the following: that the

company undertake two engineering studies. The first to evaluate a plan to repair and build up the east road from Hwy 14 to the bridge at the end of Armstrong Lake, the Forest Heights Road and the Armstrong Lake West Road between Forest Heights and our property line on the west road. The second engineering study would cover the West Road between the Junction between the East Road and the West Road to Forest Heights and from our property line on the West Road to your work site. As a result of these studies, your firm would pick the best plan that works for you. As the Bear Head Project is the principal. Beneficiary of the work to upgrade the roads this work should be undertaken by you and fully paid for by you. Once this work is done, your companies should enter into an agreement with PHPOA to pay an annual fee equal to 50% of the cash requirements budgeted each year going forward to maintain that portion of the roads within Chalet Hamlet. For 2024-2025 that would come to approximately \$56,000.

4. Do you have any ideas on how we can support the community? The above noted plan ensures a good partnership between your companies and CHPOA over the life of your Project.



Winds of Change

The Bear Lake Wind Power Project. Wind Strength, a Membertou company, and EverWind Fuels are jointly developing the Bear Lake Wind Power Project, a new 89 MW wind project to be located close to the intersection of the Municipalities of West Hants, Chester and Halifax



What Benefits Does the Project Bring to the Local Community?

- Supports Economic Reconciliation
- Generates Clean, Green Energy
- Creates Local Jobs
- Generates Tax Revenue
- Community Benefits
 Programs



89 MW with operations in 2025





5+ 125 - 150
Permanent Construction



- Municipal tax revenue
- ✓ Private & Crown land leases
- ✓ Corporate tax
- ✓ **Electricity subsidy** for eligible homeowners
- ✓ Community vibrancy fund
- ✓ Bursary fund for green energy training

Learn more at www.bearlakewind.com **Contact** at info@bearlakewind.com











Welcome

Community Information Session





LAND ACKNOWLEDGEMENT



Recognition of the Mi'kmaq and their Ancestral Territory

We acknowledge the ancestral and unceded territory of the Mi'kmaq people. We also acknowledge the Mi'kmaq as the past, present, and future caretakers of this land, Mi'kmaki.

As a Membertou Company, Wind Strength is committed to meaningful engagement, collaboration, and accountability with all partners and Rightsholders in the advancement of social and economic reconciliation.



ABOUT WIND STRENGTH



Wind Strength, a Membertou company, is planning to jointly develop Bear Lake Wind Power Project with EverWind Fuels and RES. Wind Strength is a translation of the Mi'kmaq word "Wju'snewiknaq" (Wu-jew-sin-eh-wee-ginn-ah), which embodies the strength, resiliency, and environmental stewardship of the Mi'kmaq people through green energy leadership. For generations, Mi'kmaw were prevented from participating in and benefiting from the development of Canada's natural resources. Today, as the past, present, and future caretakers of this land, we are proud to be at the forefront of building a cleaner future for Nova Scotia and the world.











ABOUT EVERWIND



Headquartered in Halifax, EverWind Fuels LLC is a developer of green hydrogen and ammonia production, storage facilities, and associated transportation assets. The EverWind Fuels team is comprised of over 100 employees, mostly from the local community, who are further supported by full time contractors and consultants.

We are developers, owners, and managers with experience in almost every infrastructure sub-category in North America, and a track record of success and delivering socially and environmentally responsible developments for all of our stakeholders. The wind investments will benefit locals, rate payers, and support the development of cheap clean fuels in Nova Scotia.





































Morgan Stanley



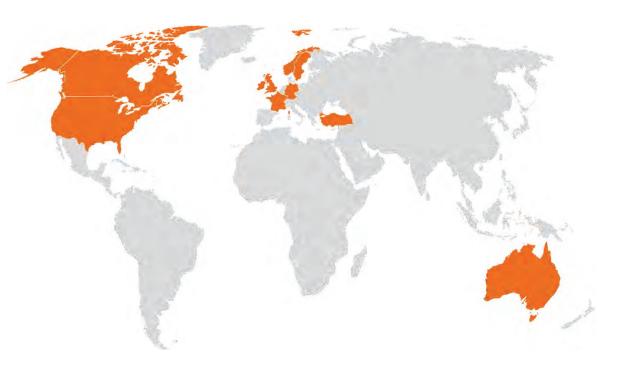
mazars



RES EXPERIENCE



RES is the world's largest independent renewable energy company. At the forefront of the industry for 40 years, RES has delivered more than 23 GW of renewable energy projects across the globe and supports an operational asset portfolio exceeding 12 GW worldwide for a large client base. RES employs more than 2,000 people and is active in 11 countries working across onshore and offshore wind, solar, energy storage and transmission and distribution.



23_{GW PORTFOLIO}

40 YEARS OF EXPERIENCE

12 GW ASSETS







STORAGE



T&D





ENVIRONMENTAL ASSESSMENT



The project is submitting to the province's rigorous **Environmental Assessment (EA) process**, which includes a comprehensive analysis of the potential environmental impacts of the project.

Strum Consulting is successfully guiding the process and conducting a series of detailed studies including:

- Watercourse and Wetland Surveys
- Vegetation and Habitat Surveys
- Bird and Bat Surveys
- Moose Surveys
- Sound and Visual Assessments
- Electromagnetic Assessments
- Archaeological Assessments
- Telecommunication Assessments















ENVIRONMENTAL MONITORING



As part of the survey process, specialized equipment is used to help ensure we have comprehensive environmental information.



Avian Radar

Radar systems are used to track biological targets (birds and bats) as they fly through the airspace. This data is used to help assess potential impacts on avifauna and to inform mitigation measures.

Meteorological (MET) Tower

- MET Towers are temporary structures designed to collect Weather related information, such as wind speed, wind direction, and temperature.
- MET Towers are unassuming in the landscape. Each MET Tower requires just a 100m buffer. Any impact on the surrounding area is minimal.



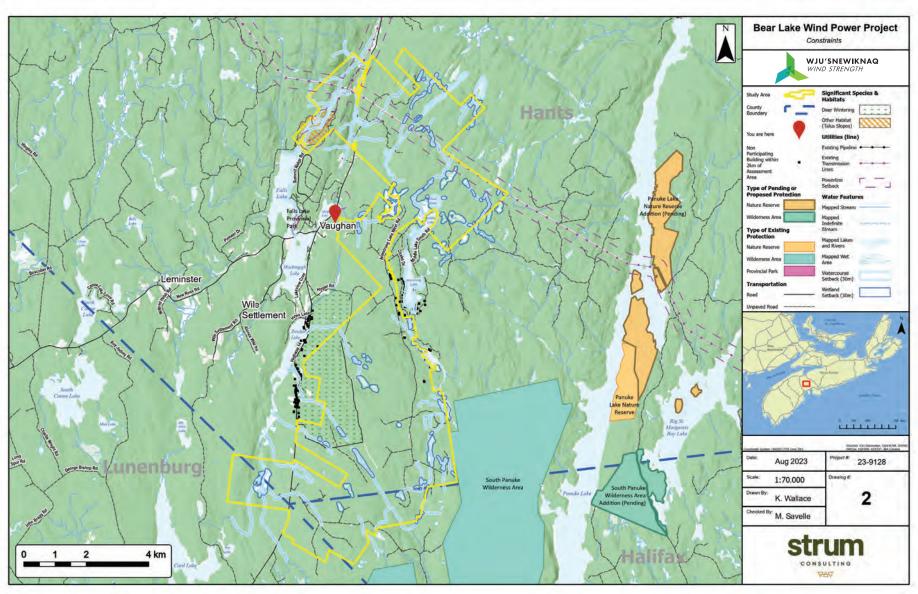
- MET Towers have a concrete base with guy-wires for support. The wires typically extend 60 metres in 3-4 directions from the tower.
- Each MET Tower has a permit application approved by the Government of Nova Scotia





BEAR LAKE WIND POWER PROJECT CONSTRAINTS

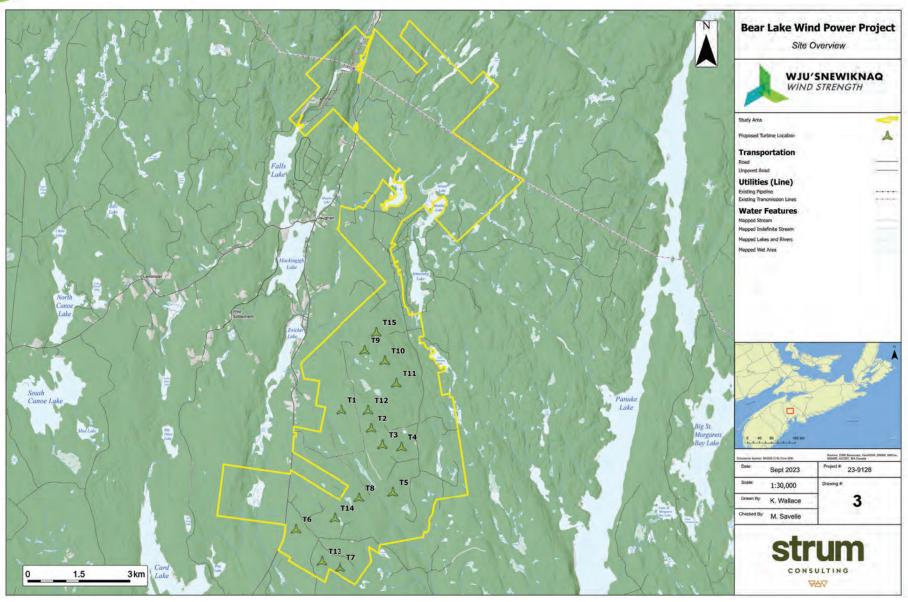






BEAR LAKE SITE OVERVIEW

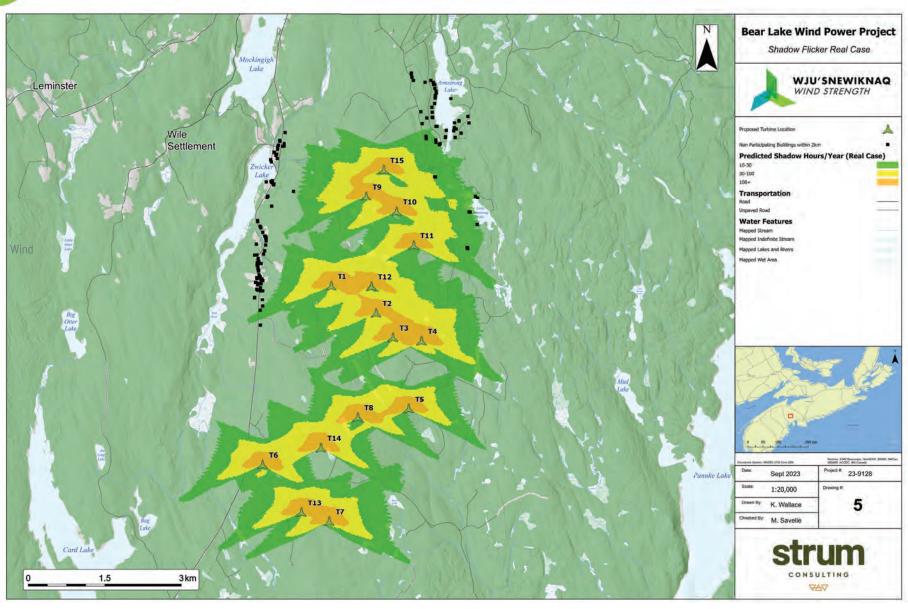






BEAR LAKE SHADOW FLICKER

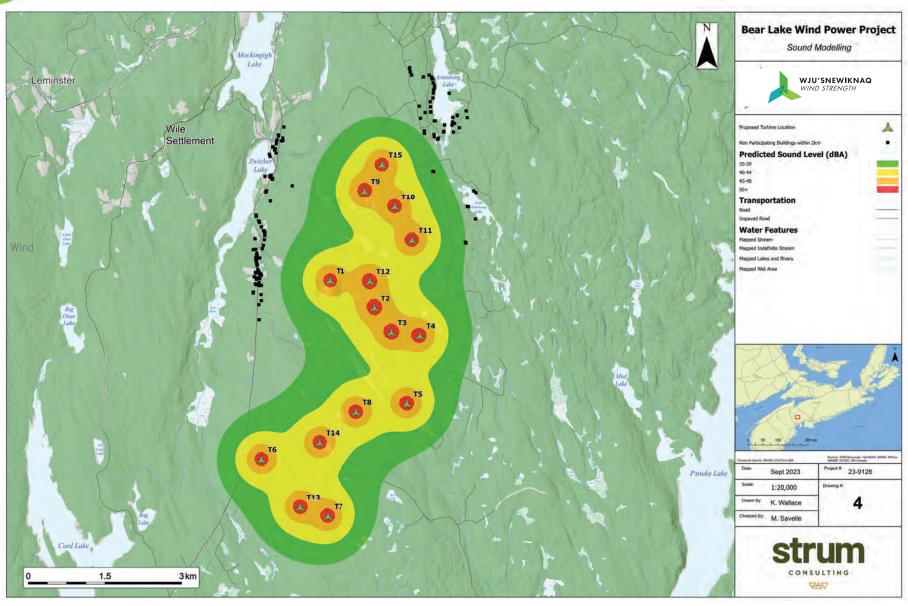






BEAR LAKE SOUND MODELLING







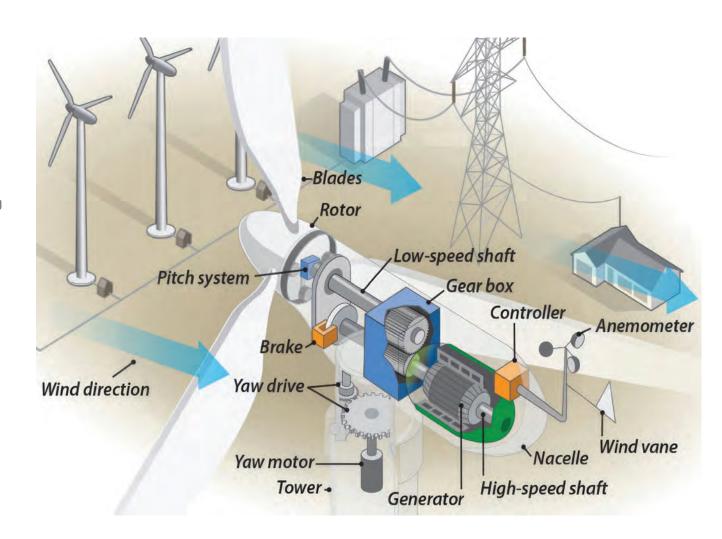
HOW WIND POWER WORKS



Modern turbines have three main components: the tower, the nacelle (or generator) and the blades.

The blades rotate when the wind blows and are attached to a gearbox in the nacelle, which turns the generator and produces electricity.

Electricity is then converted to a medium voltage AC current, transmitted via cables and is collected at a substation before being transmitted by overhead lines to the main electrical grid.





PROJECT DETAILS





Bear Lake Wind Power Project Details

- Total installed capacity of up to 89 MW
- Comprises no more than 17 turbine locations
- Turbines with a generation capacity of around 5.2 to 6.6
 MW each
- Will include a substation, operations and maintenance building and a temporary laydown yard
- Will include temporary wind measurement tower, and likely one long-term wind measurement tower to assess and monitor wind resource plus additional mid-term wind measurement devices.

*Although Turbine selection has not yet been made, turbine hub height is typically between 95 m to 120 m and blades can measure up to 85 m long

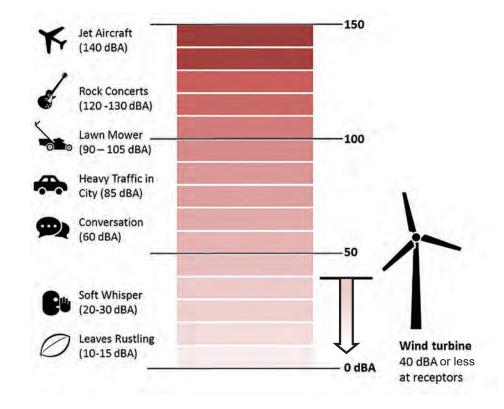


NOISE CONTROL



BEAR LAKE NOISE IMPACT ASSESSMENT

- Nova Scotia's EA Guidelines for wind power projects regulates that wind farm design and turbine siting must not cause sound levels to exceed 40 dBA at the exterior of receptors (dwellings).
- A noise assessment will be completed by Strum Consulting. Noise modeling will consider other operational projects and noise sources in the area.





CONSTRUCTION







Roads

We will use existing roads to minimize impact to land.

Electrical

Collector lines will be over head and transmission lines will follow project roads.

Turbine Footprint

Excavation of roughly half an acre is needed per turbine, reduced to less than a quarter acre after construction.



SITE CONSIDERATIONS



Did you know?

Wind farms are designed to last at least 25 years, but they are likely to last longer and modern turbines require very little maintenance.

Various factors are considered during project development including:

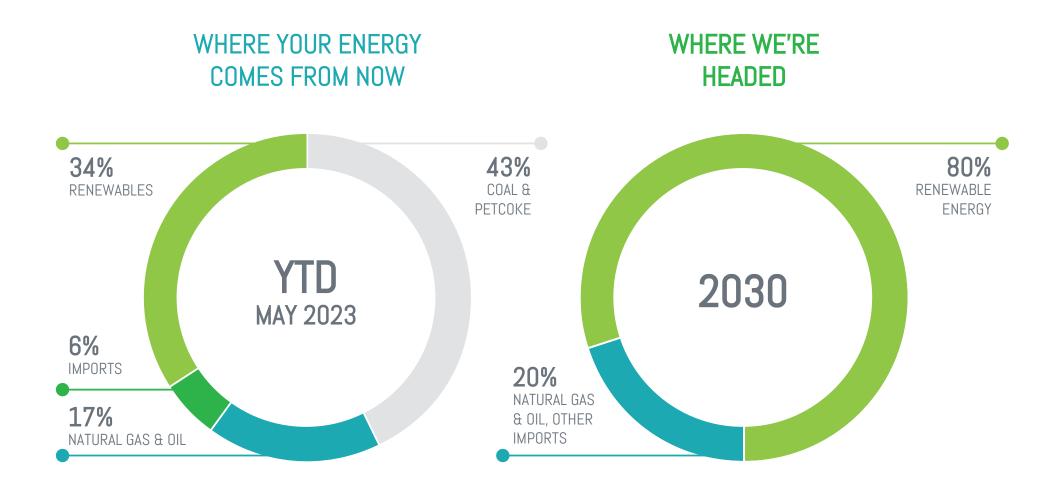
- Wind resource
- Electrical infrastructure transmission and distribution lines
- Environmental constraints wetlands and water courses, wildlife
- Noise considerations and shadow flicker
- Archaeological and cultural features
- Mi'kmaq environmental knowledge study (MEKS)

- Municipal Bylaws, land use order guidelines and setbacks
- Community input and other interested stakeholders and agencies
- Transportation infrastructure highways, roads, railways



NOVA SCOTIA'S CURRENT ENERGY MIX







COMMUNITY BENEFITS







We believe our projects are net positives for the local communities in which we work.

Benefits Include:

- ✓ Local tax revenues throughout the life of the project
- ✓ First Nation Partners to maximize contracting and employment opportunities.
- ✓ Contracting opportunities for First Nations & community businesses
- ✓ Project creating local employment through the development, design and engineering phase
- Construction and operations jobs and support services during construction and throughout the life of the project
- ✓ Increased local spending on goods and services during the project's development, construction and operational phases



COMMUNITY CONTRIBUTIONS



Wind Strength, EverWind and RES seek to be a good corporate citizens in the community and typically supports various fundraising events and special initiatives that benefit the local community

Examples of activities or organizations we have supported:

- Economic development
- Local charities
- Local sports teams
- Museums and libraries
- Agricultural associations
- ...and many more!

Do you have an idea of ways we can support your community? **Let us know!**





LOCAL JOB CREATION









This project is generating local employment through the development, construction operational phases and for the life of the project.

125-150 Temporary Jobs During Construction:

- ✓ General labour
- ✓ Civil construction trades
- ✓ Electricians
- ✓ Transmission line technicians
- ✓ HV equipment trades
- ✓ Crane operators
- ✓ Wind technicians

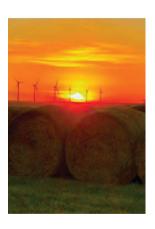
- **5+** Permanent Jobs During Operations and Maintenance:
- ✓ HV technicians/electricians
- ✓ Wind technicians
- ✓ Other indirect jobs for items such as road maintenance.

On the job training for some positions



DIRECT BENEFITS FOR THE LOCAL COMMUNITY











- ✓ **Electricity subsidy fund:** Once project design is finalized, eligible homeowners will be contacted directly to sign up for the program which will begin after the first year of operation. The program will offer to cover a portion of homeowners annual electricity bill. The program will be in effect throughout the life of the project.
- ✓ Community vibrancy fund: Once the project becomes operational, an annual financial allocation will be earmarked and remain accessible throughout the project's lifespan to support community. The fund's oversight will be entrusted to a committee comprising community members, council representatives, and project representatives.
- ✓ Bursary fund: Prior to commercial operations., a fund will be maid available to community members who want to train the renewables industry.

We would love to discuss with you and garner your feedback on how we can support the community





Thank you.

We appreciate you taking the time to join us. We would be happy to follow-up with you if you have any other questions about the Project. Please fill out a feedback form.







Open House Bear Lake - September 19, 2023 Surveys

Name:

1. Did you find this event useful?

Yes, very

2. Were all your questions about our project answered? Yes, fully

- 3. Please share any comments, questions, or feedback you may have with the project No comments provided
- 4. Do you have any ideas on how we can support the community? No comments provided

Name:

1. Did you find this event useful?

Yes, very

2. Were all your questions about our project answered? Yes, fully

- 3. Please share any comments, questions, or feedback you may have with the project No comments provided
- 4. Do you have any ideas on how we can support the community? More direct contact with the Chalet Hamlet Property Owners Assoc. bound so we can share the info with our residents via Facebook. Thank you!

Name:

1. Did you find this event useful?

Yes, very

- 2. Were all your questions about our project answered? Yes, fully
- 3. Please share any comments, questions, or feedback you may have with the project No comments provided
- 4. Do you have any ideas on how we can support the community? No comments provided

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Yes, very

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Yes, fully

- 3. Please share any comments, questions, or feedback you may have with the project No comments provided
- 4. Do you have any ideas on how we can support the community? No comments provided

Name:

1. Did you find this event useful?

Yes, somewhat

- 2. Were all your questions about our project answered? Yes, fully
- 3. Please share any comments, questions, or feedback you may have with the project No comments provided
- 4. Do you have any ideas on how we can support the community? Love supporting projects, how close I am would love to have no power bill

Name:

1. Did you find this event useful?

Yes, somewhat

Map oriented North instead south so upside down for people in this area going from Windsor to Chester

- 2. Were all your questions about our project answered? Yes, fully
- 3. Please share any comments, questions, or feedback you may have with the project Hopefully the community vibrancy fund helps the fire hall in the Vaugham area and they have a hand in the funds bursary.
- 4. Do you have any ideas on how we can support the community? Support the local southwest fire hall which supports the area as a whole for events. Locally like suppers a fundraising for the larger area including Upper Falmouth church hold their suppers have not just the Vaugham area only.