



EIGG MOUNTAIN WIND POWER PROJECT

Renewable Energy Systems (RES) is pleased to welcome you to our community Open House for the Eigg Mountain Wind Power Project. Meet the team, learn more about the Project and get answers to your questions! **Please fill out a feedback form before you leave.**

**POWER
FOR
GOOD**



Renewable Energy Systems (RES) was founded in 1982 in London (UK) and is privately owned by the McAlpine family. Sir Robert McAlpine began a construction business over 150 years ago which is still owned by the McAlpine family today. RES is the largest independent renewable energy company in the world.

In Canada, RES was founded in 2005 and is headquartered in Montreal.

OUR VISION is a future
where everyone has access to affordable zero carbon energy





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'kma'ki.

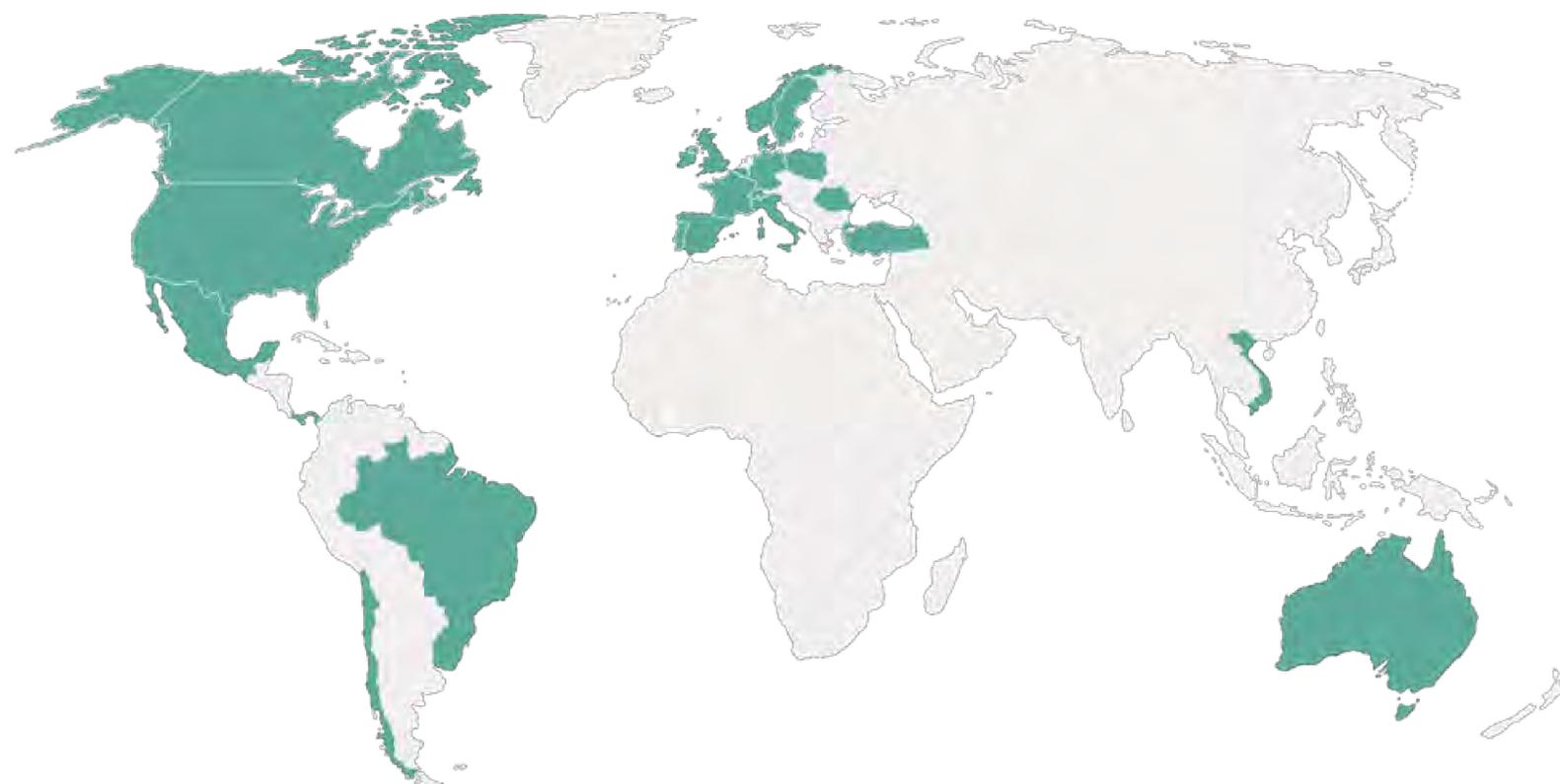


RES EXPERIENCE



RES is the world's largest independent renewable energy company, working across 24 countries and active in wind, solar, energy storage, green hydrogen, transmission, and distribution. An industry innovator for over 40 years, RES has delivered more than 28 GW of renewable energy projects across the globe and plans to bring more than 26 GW of new capacity online in the next five years.

RES is the power behind a clean energy future where everyone has access to affordable zero carbon energy bringing together global experience, passion, and the innovation of its 4,500 people to transform the way energy is generated, stored and supplied.



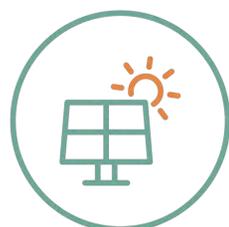
28GW PORTFOLIO

40+ YEARS OF EXPERIENCE

SUPPORTING **41**GW ASSETS



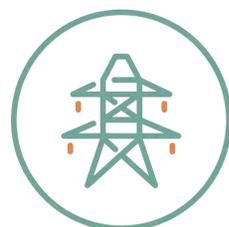
WIND



SOLAR



STORAGE



T&D



GREEN HYDROGEN



BIOMASS



COMMUNITY BENEFITS



Our projects benefit the local communities in which we work.

Benefits include:

- **Municipal tax revenues of \$1.3 million annually**
- **Landowner royalty income of approx. \$650,000 annually** throughout the life of the Project
- **Community Benefit Fund:** An **annual fund of \$1,000/MW, up to \$150,000**, managed by a committee of community members, municipal representatives and the project owner, to support community projects and initiatives
- **Construction and operations jobs and support services** during and after construction of the Project
- **Contract opportunities** for local businesses
- **Increased local spending** on goods and services during the Project's development, construction, and operational phases
- **Dedicated benefits for local Mi'kmaw Communities**, supporting economic participation and long-term community development

Ask a Project representative to learn more about community benefits or visit our website: www.eiggmountainwind.com



RES IN YOUR COMMUNITY



RES seeks to be an engaged corporate citizen in the community and supports various fundraising events and special initiatives that benefit the local community

Examples of activities or organisations RES has supported include:



Economic development
Local charities
Local sports teams
Community fundraisers
Snowmobile associations
Museums and libraries
...and many more!



Have an idea on how we could support the community? Let us know at: EiggMountain.Wind@res-group.com or leave a post-it on the next panel.



HOW CAN WE SUPPORT THE COMMUNITY ?

**DO YOU HAVE AN IDEA OF WAYS WE CAN SUPPORT YOUR COMMUNITY VIA SPONSORSHIPS,
CHARITABLE DONATIONS , LOCAL INITIATIVES OR OTHER?
LET US KNOW! GRAB A POST-IT AND LEAVE YOUR SUGGESTION HERE.**



PROJECT DETAILS



The Project is expected to:

- have a total capacity of up to 150 MW
- comprise no more than 25 turbines
- have turbines with a generation capacity between 5.7 to 8 MW each, with a hub height of up to 125 m, and a blade length of up to 90 m
- include a substation, operations and maintenance building and a temporary laydown yard
- include one temporary wind measurement tower (currently installed) as well as a temporary remote sensing measurement device (LiDAR), and one to two permanent wind measurement towers to assess and monitor wind resource
- Include a transmission line and switching station to connect in James River (approx. 20km)



WHY WIND AND WHY HERE ?



Provincial target to phase out coal and reach 80% renewable energy by 2030, ambitious goal!

NS has some of the most exceptional winds in the world, and the Eigg Mountain area has some of the best wind in the province.

Wider electrification will enable NS to replace \$5 billion spent on imported fuel, by tapping into much cheaper local, renewable power resulting in greater energy security.

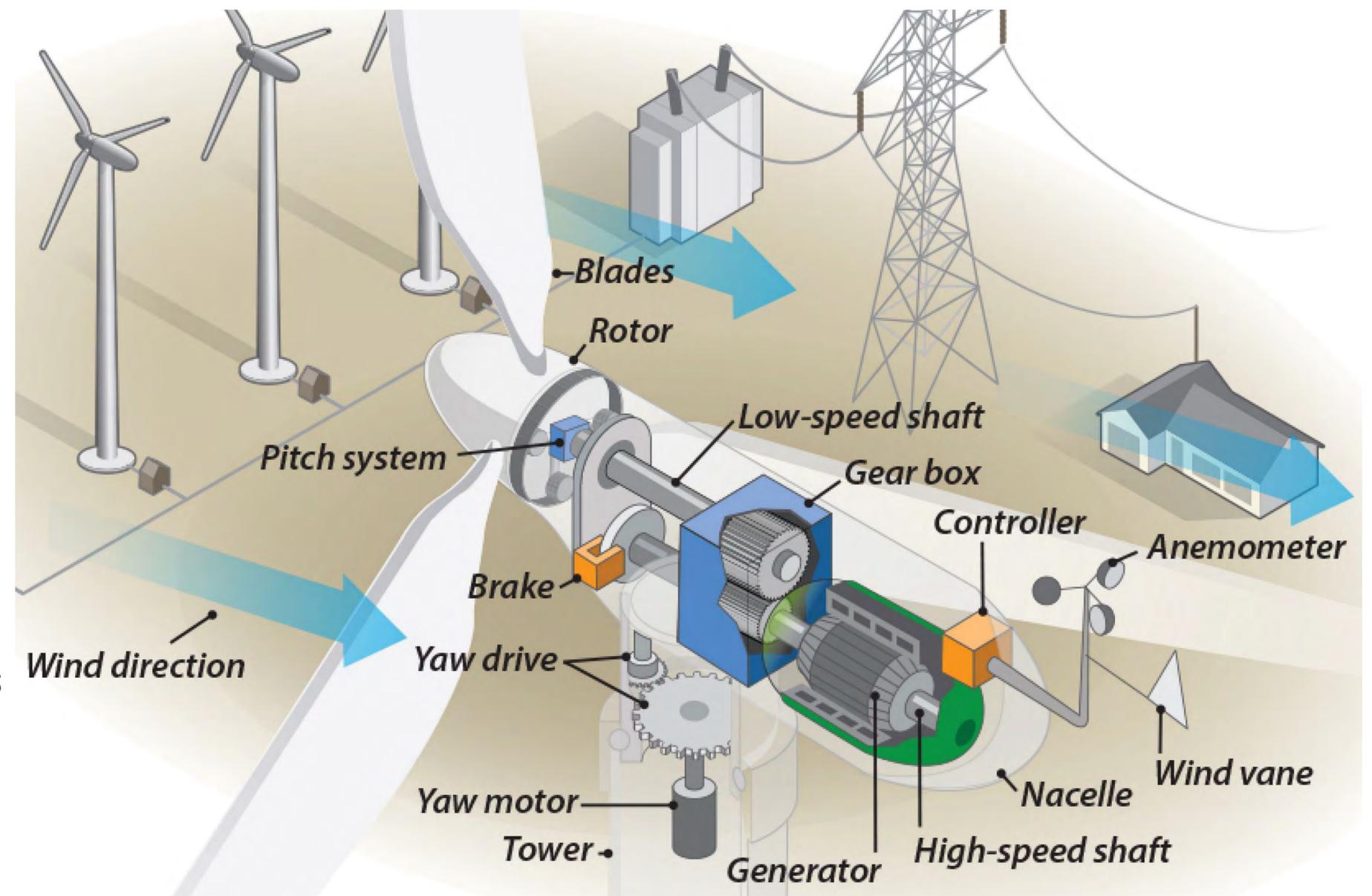


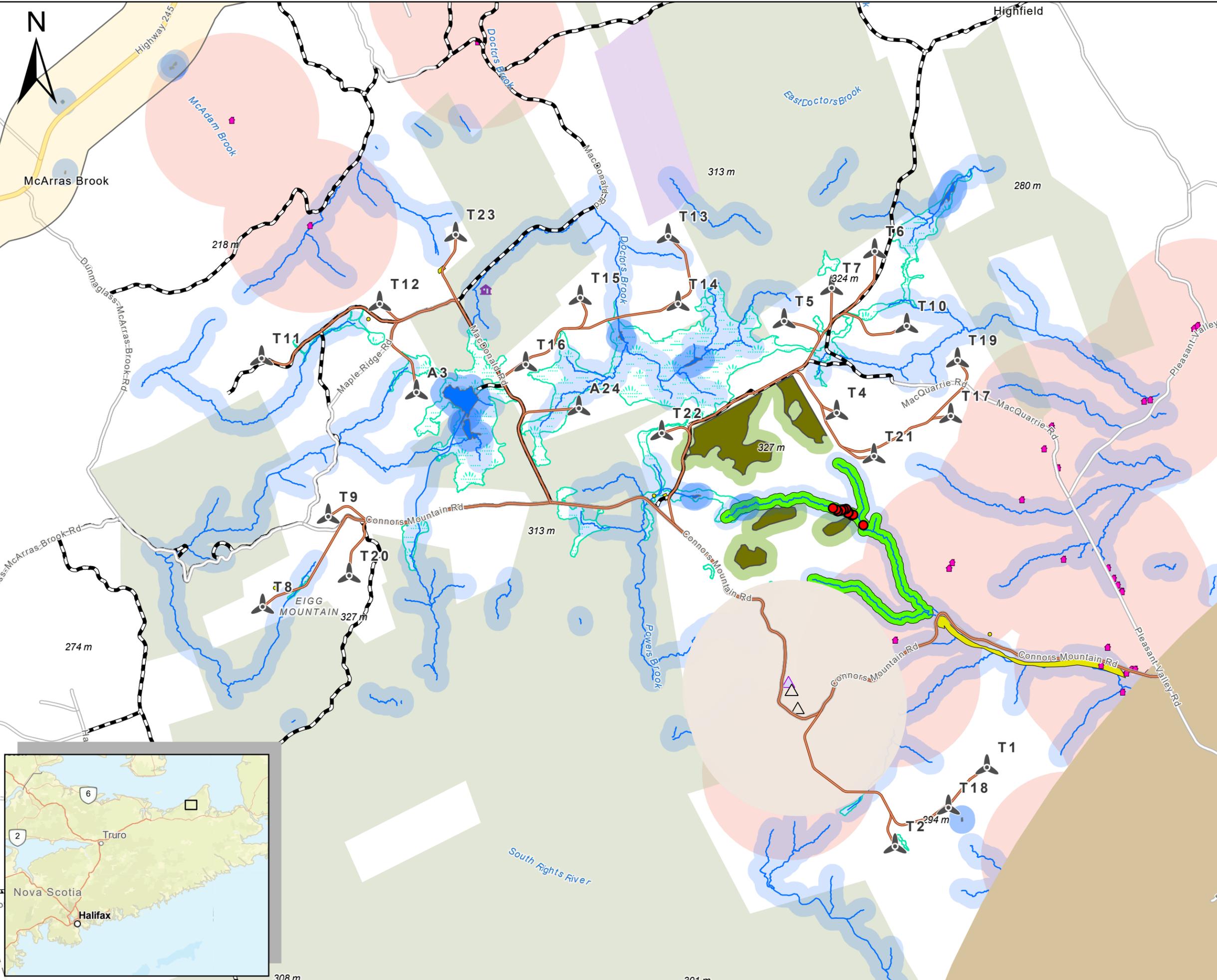
HOW WIND POWER WORKS

Modern turbines have three main components: the tower, the nacelle (which houses the 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 overhead cables and is collected at a substation before being transmitted by overhead high-voltage power lines to the main electrical grid.





Project Features

- Turbine Location
- Center Line

Other features

- Receptor - Residence on Private Lands
- Receptor - camp on crown land
- Waterfan Locations (CBCL)
- Public Road
- Highway
- ATV/Snowmobile Trails
- Watercourse
- Inland Waters
- Delineated Wetlands (CBCL)
- High Potential Areas for Archeology
- Old Growth Forest
- Parks and Protected Areas
- Lands Proposed or Pending Protection

Constraints

- Residence per by-law (800m)
- Highway (300m)
- Inland Waters (113.7m)
- Watercourse (113.7m)
- Waterfan Habitat (50m)
- Old Growth Forest (100m)

Consultation Zones

- Airport (10km)
- FM Sites
- Mobile Network Transmitters
- Mobile Network Transmitters (1km)

Transverse Mercator
 NAD 1983 CSRS UTM Zone 20N / North American 1983 CSRS

Proposed Wind Farm Project Eigg Mountain

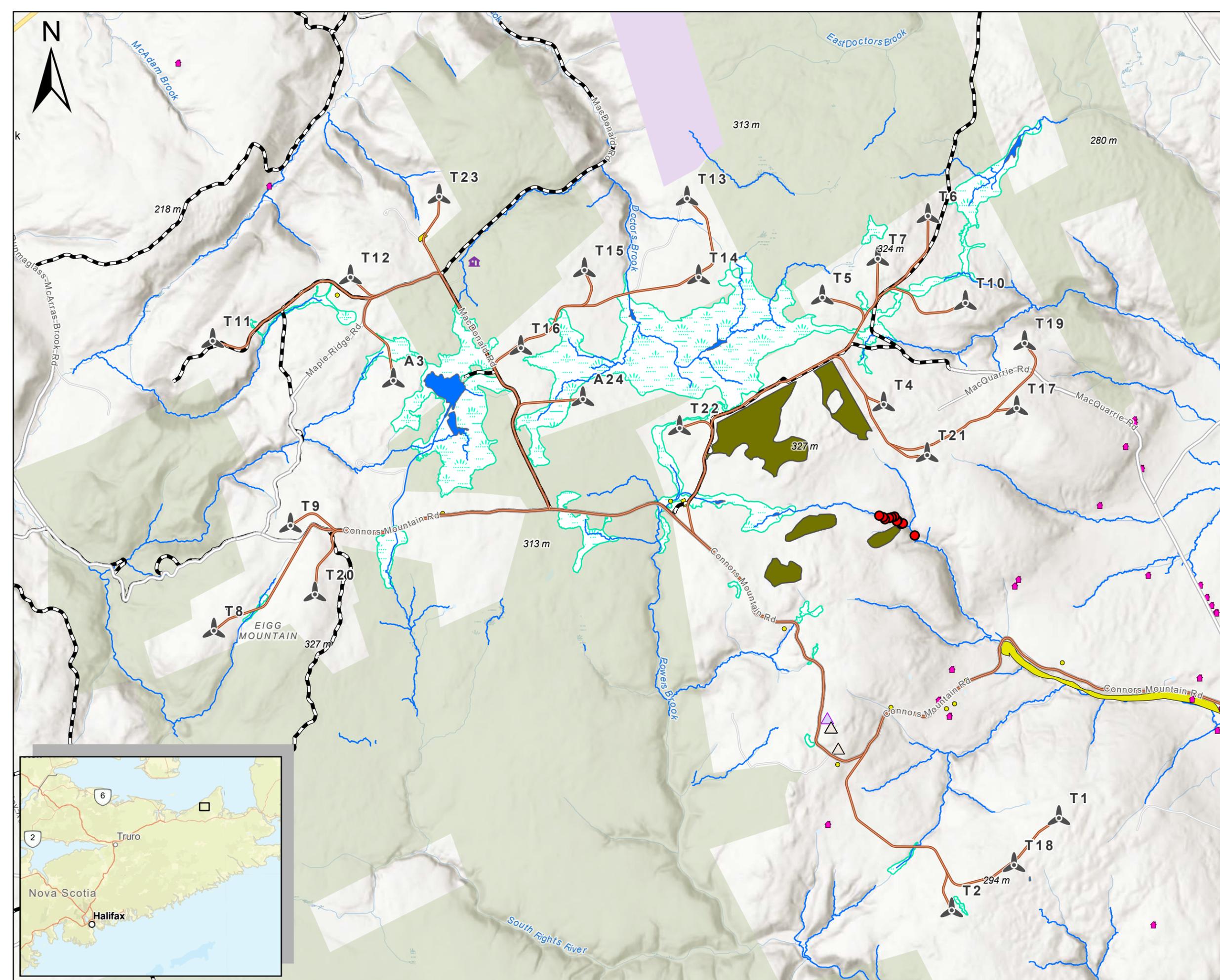
Constraint zones for the installation of wind turbines

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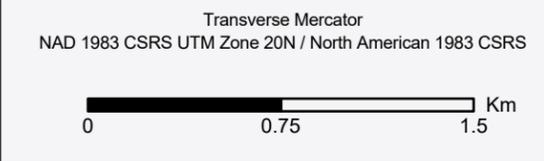
Renewable Energy Systems Canada Inc.

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Proposed Wind Farm Project Eigg Mountain

Constraint zones for the installation of wind turbines

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