

Stewart Creek Wind Project: Introduction

Peace River Regional District

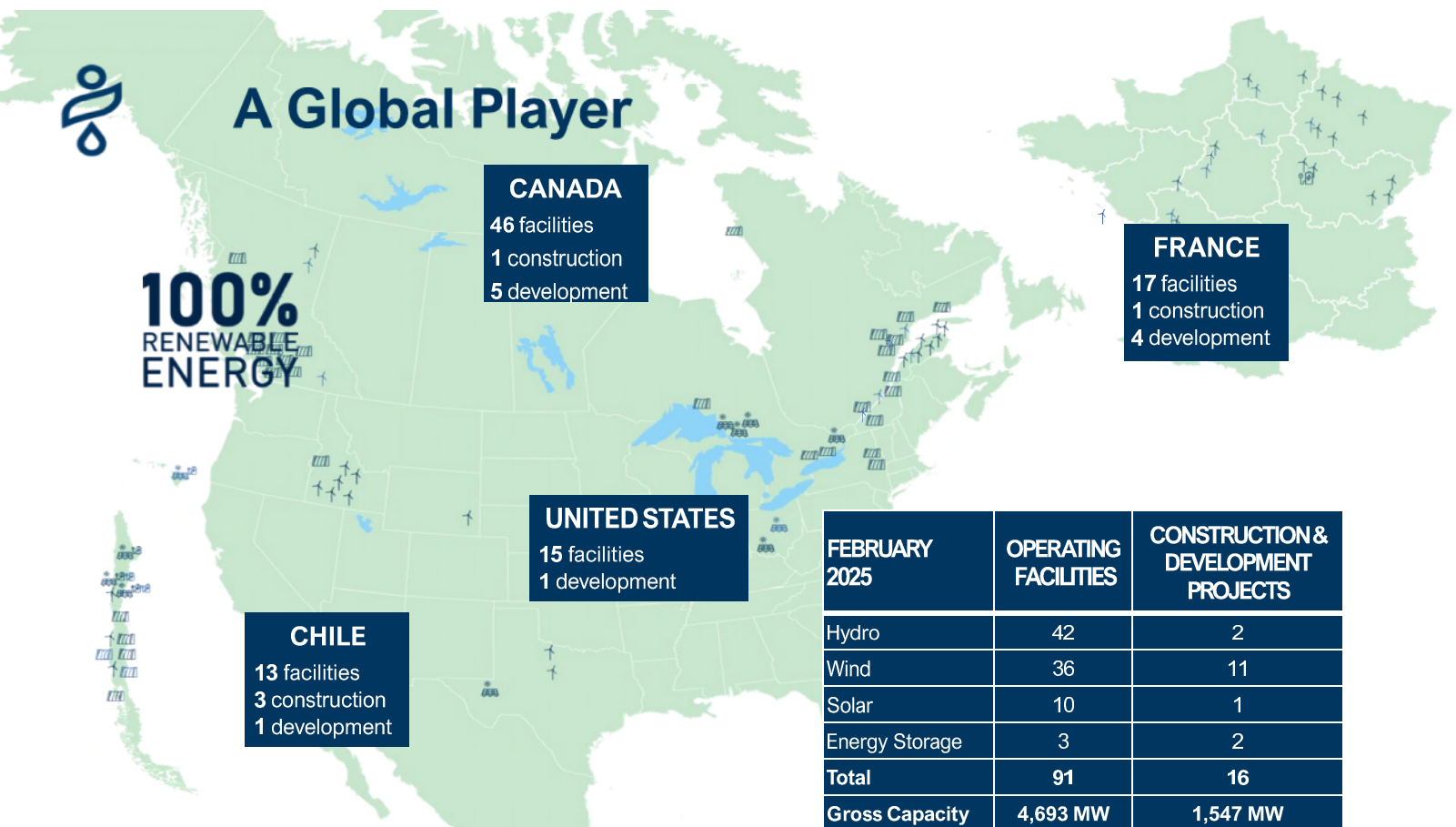
Stewart Creek Power Inc., a partnership between West Moberly First Nations & Innergex Renewable Energy Inc.

May 1, 2025

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Steeve Cloutier
Manager –
Wind Energy



A Global Player

CANADA

46 facilities
1 construction
5 development

FRANCE

17 facilities
1 construction
4 development

UNITED STATES

15 facilities
1 development

CHILE

13 facilities
3 construction
1 development

FEBRUARY 2025	OPERATING FACILITIES	CONSTRUCTION & DEVELOPMENT PROJECTS
Hydro	42	2
Wind	36	11
Solar	10	1
Energy Storage	3	2
Total	91	16
Gross Capacity	4,693 MW	1,547 MW

Indigenous Partnerships

40 Partnerships with Indigenous Communities, including % = ownership

Operating:

- Kwoiek Creek (BC): Kanaka Bar Band 50%
- Walden North (BC): Cayoose Creek Band 49%
- Umbata Falls (ON): Biigtigong Nishnaabeg 51%
- Mesgi'g Ugju's'n I (QC): Mi'gmaq communities in Quebec (Gesgapegiag, Gespeg and Listuguj) 50%
- Innalik (QC): Inukjuak community 50%

Construction:

- Mesgi'g Ugju's'n II (QC): Commissioning 2026 - 50%

Development:

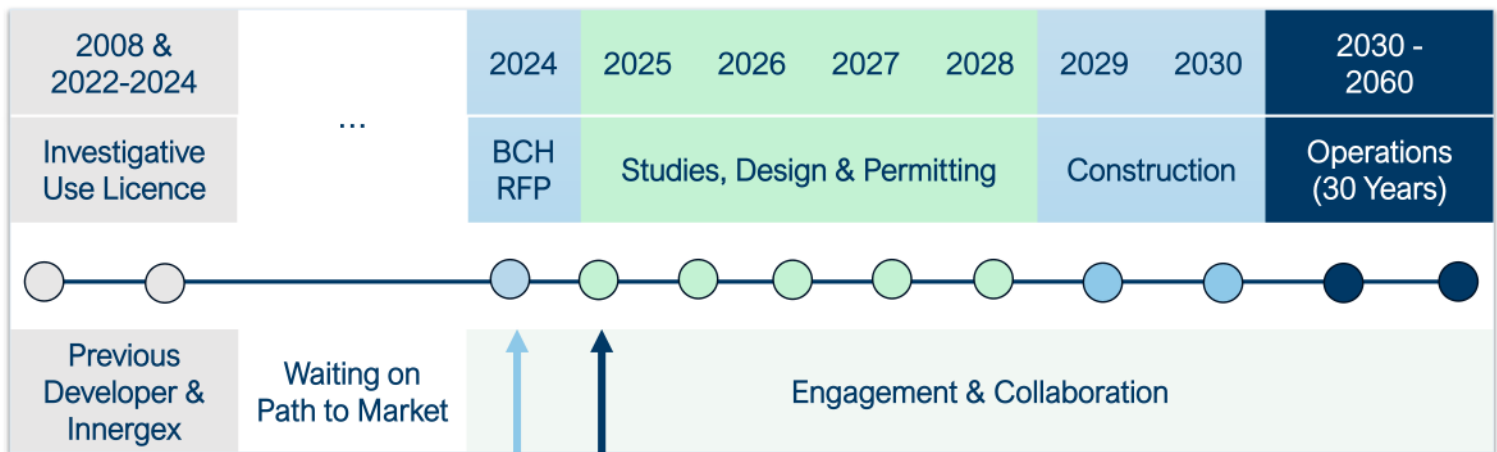
- Ni Ti Mountain (BC): Stellat'en 51%
- K2 (BC): Westbank First Nation 51%
- Stewart Creek (BC): West Moberly First Nations 51%
- Lotbinière Ndakina (QC): Abenaki Councils of Odanak and Wôlinak 5%
- Peshu Napeu (QC): Innu Council of Pessamit 39%

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Project Schedule



BC Hydro awarded the Project a PPA

We are here. Commencing studies and initiating the permitting process under BCER.

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Project Location

Stewart Creek is a project located in Northern BC in the Peace Region, 35 km southwest of Fort St. John, BC.



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Project Area and Current Status

- Located ~32 m southwest of Fort St. John, BC
- The Project holds three (3) Investigative Use Licences
- Falls outside of all Peace River Regional District Zoning Bylaw boundaries, within Electoral Area E, compliant with local zoning and official community plan
- Consistent with Dawson Creek LRMP area, General Resource Management Zone & Enhanced RMZ
- Overlaps with the Agricultural Land Reserve
- The Project will be optimized as we move through the development phase. This IUL represents a greater area than the actual project footprint.

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The Project



Located in Treaty 8 Nation territory,
approximately 35 km southwest of Fort St. John



PARTNERS:

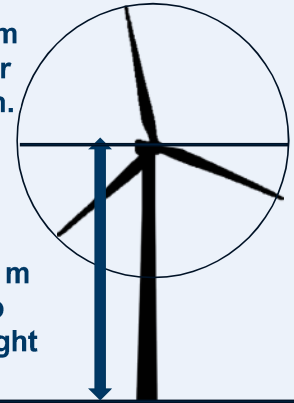
West Moberly First Nations
Innergex Renewable Energy

- **35 turbines:**
- each ~6 MW
- **Position for 200 megawatts:**
- ≈ equivalent to the yearly power needs of 50,000 BC households
- **Meteorological Towers & Lidar Stations:**
- Used to measure wind resource



**163 m
Rotor
Diam.**

**125 m
Hub
Height**



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Space Required for Equipment

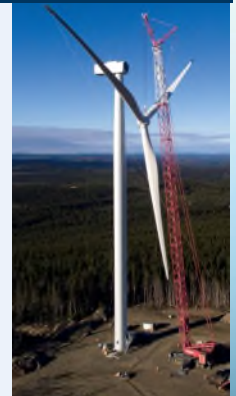
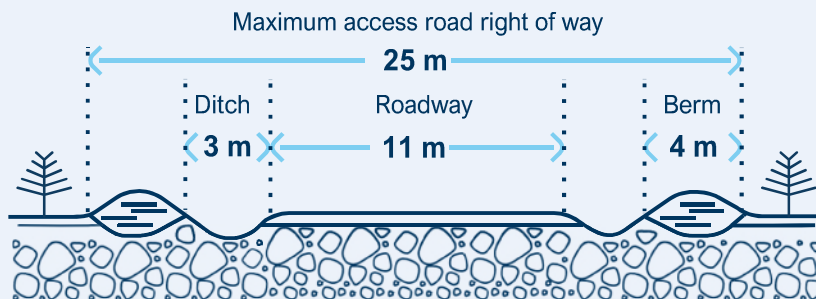
WIND PROJECT FOOTPRINT

Wind Turbine Area:
145 x 145 m (2.1 hectares)

Access Roads:
25 m right of way and 11 m
roadway

**Collector Network
(power cables):**
Buried and/or overhead within
or near the road right of way

Interconnection:
The collector substation will be
situated adjacent to the POI
with BC Hydro line 2L391



Key Activities for 2025

1. Engage with First Nations, local governments, tenured interests, community stakeholders, and interest groups regarding the Project and create accessible avenues for communication and collaboration.
2. Conduct site-specific environmental studies and geotechnical work to better optimize the project layout and design and propose avoidance, minimization, and mitigation measures.
3. Continue to refine the Project based on feedback received and input learned.

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2025 Baseline Study Schedule

Task	Schedule
Fish and aquatic permit submission	April 2025
Fish and aquatic field assessment	June to August 2025
Terrestrial mammals field data collection	Spring 2025 for 12 months
Bat field data collection	April to October 2025
Bird field data collection	April to October 2025
Vegetation field data collection	April to October 2025
Archaeological	April to October 2025
Geotechnical	Summer 2025
Agricultural and soils field data collection	2025/2026



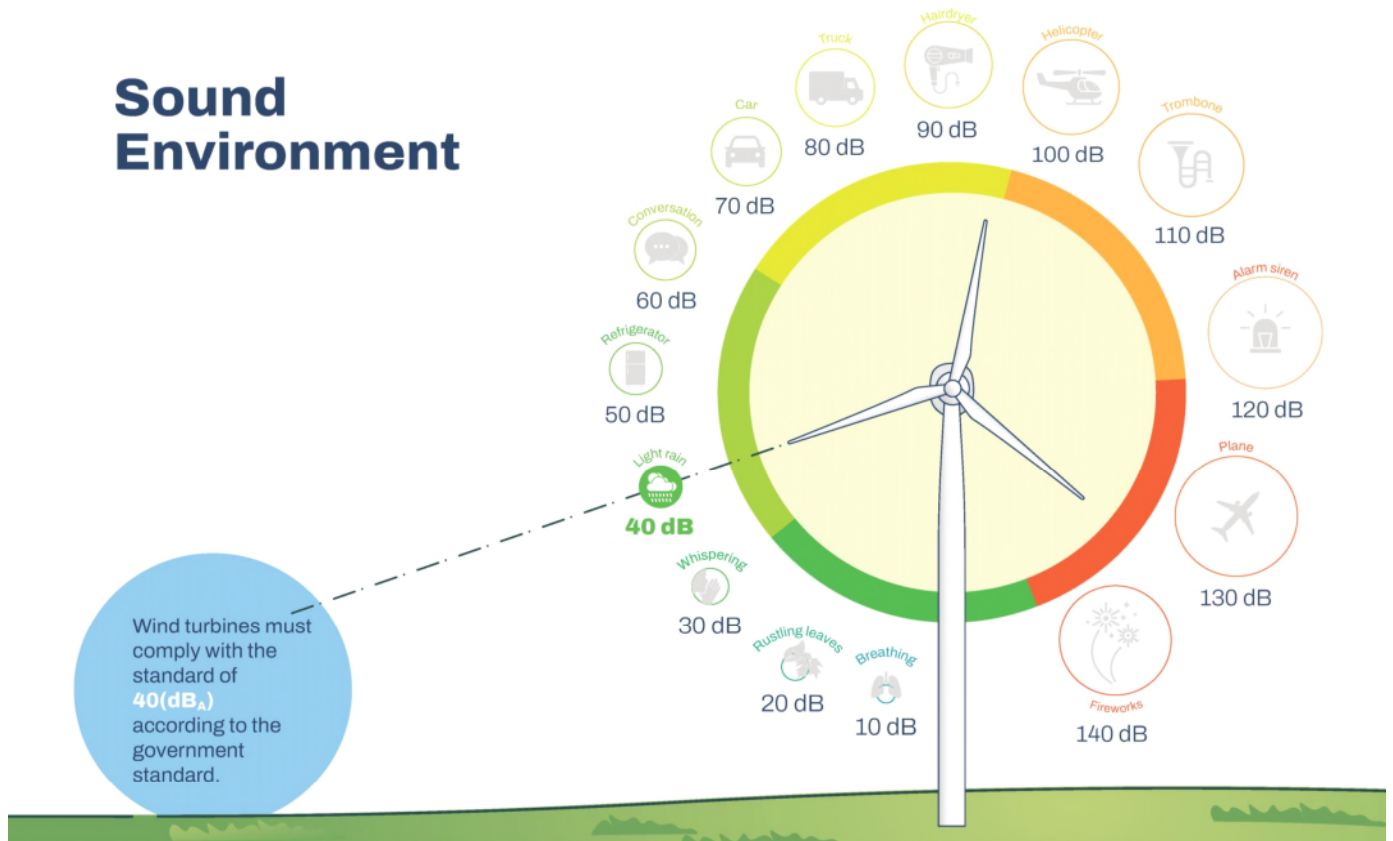
Innergex - Dokie Wind Farm, Chetwynd, BC

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Sound Environment



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Decommissioning, Disposal, and Waste Considerations

As wind energy becomes a greater part of our energy portfolio in BC, it is important to consider the end-of-life impacts of wind farms.

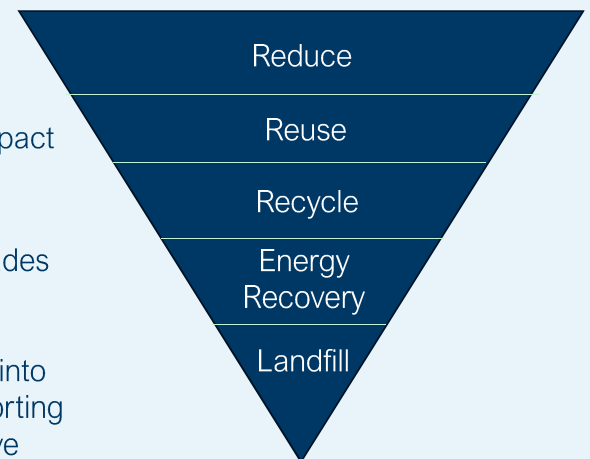
• Turbine Towers and Nacelles

- Turbine towers and nacelles are made from steel, copper, and aluminum and are highly recyclable
- Some organizations are even experimenting with creating compact housing solutions in repurposed nacelles!

• Turbine Blades

- Turbine blade recycling is an innovative and emerging field. Blades can be repurposed in infrastructure such as playgrounds, bus shelters, bridges, highway noise barriers, or art installations.
- Blades can also be recycled into durable materials, integrated into low-carbon cement, or used in cement kilns. Innergex is supporting the Circular Innovation Challenge, an initiative exploring creative solutions to end-of-life management for wind energy projects.

• Waste from construction and operations



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Local and Regional Business Opportunities



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Questions?



Dokie Wind Project (BC)

Reach out to us at:
StewartCreekProject@innergex.com

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