



Taylor Wind Project  
Presentation to Peace River  
Regional District

July 2024



# Company Overview

# Overview

**EDF Renewables North America is a project developer, owner, and operator with end-to-end solutions for every market...**



As developer, owner and operator of one of the largest renewable energy portfolios and second largest project pipeline on the continent, EDF Renewables is active in every market across North America.



With our history of innovation, and deep experience developing and operating renewable energy assets, we bring a full-suite of solutions for grid-scale, distribution-scale, asset optimization and onsite energy.



Our outstanding capabilities allow us to utilize our in-house experts, providing maximal efficiency and end-to-end oversight of any size of energy project.

**...with the capabilities, financial strength and global footprint to help you secure your energy future.**

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## EDF Renewables North America

16 GW developed

Grid-Scale Power



13 GW service contracts

Distribution-Scale Power



44 GW pipeline

Onsite Solutions



35+ years experience

Asset Optimization



1,650+ employees

as of 12/31/22



# Team

With over **1,600 employees** across North America, we have experts across every discipline.

- > Origination
- > Financing
- > Energy Trading
- > Development
- > Engineering
- > Procurement
- > Construction
- > Monitoring
- > Compliance
- > O&M
- > Health, Safety & Environment
- > Community Engagement
- > Government Affairs
- > Transaction & Valuation

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# Renewables in Canada

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## Experience in Canada



**15 Years**  
in Canada

EDF Renewables has been developing and operating clean energy projects across the country.



**2,485 MW**  
of projects

Put into service, under construction or contracted across the country.



**4,107 MW**  
pipeline

We continue to expand our energy expertise with projects in various stages of development.



**\$5.2+B**  
invested

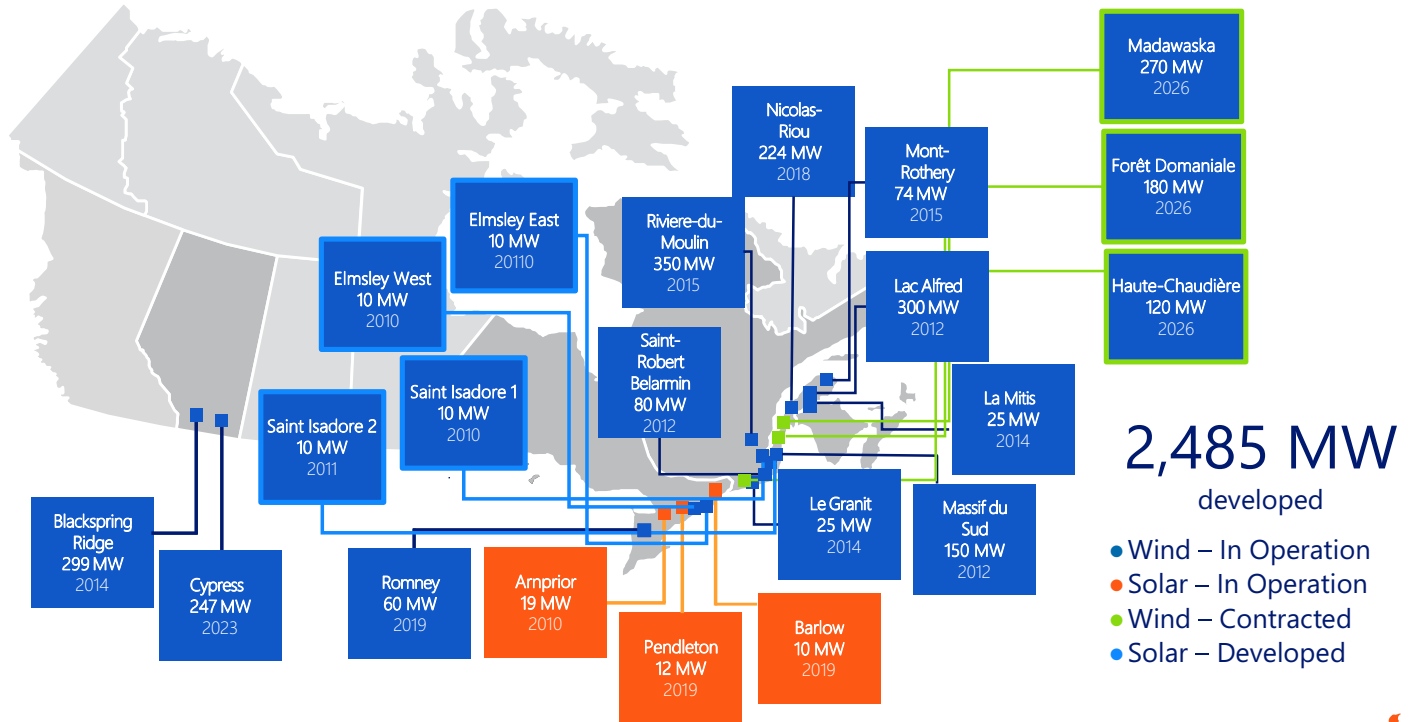
Since 2008 in Canada, including support of local wildlife habitats for bats, honeybees and Monarch butterflies.



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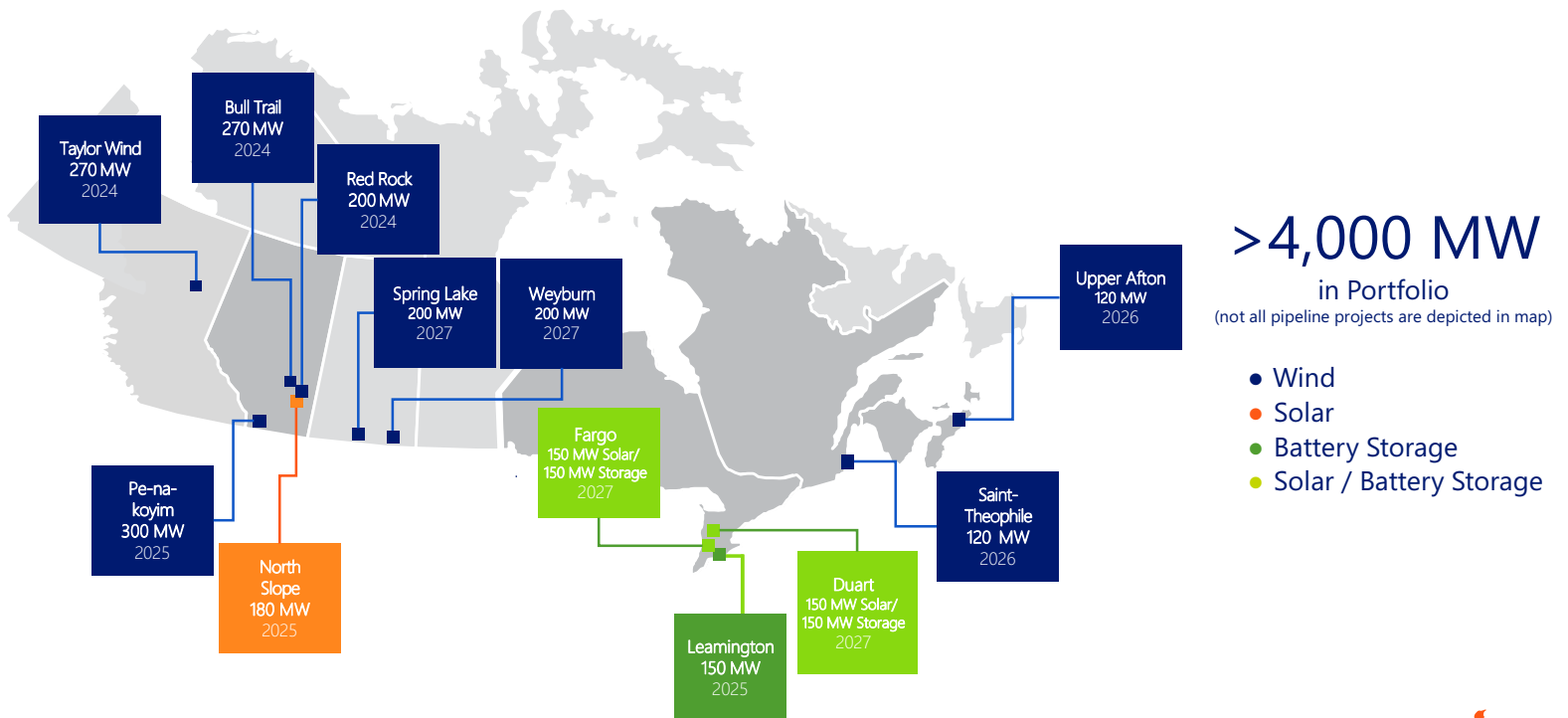
# EDF Renewables in Canada



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# EDF Renewables Development Portfolio





# Partnership & Benefits



## Partnerships in Canada



**Developers** - EDF Renewables is the right partner to help manage all aspects of your prospective project to ensure it gets built on time and on budget with your reputation in the community intact.



**Indigenous Communities** - Harmonious collaboration with indigenous communities creates opportunities to partner as co-developers and project owners. We are experienced in development of community projects, and we value and respect the traditions and culture of indigenous peoples.



**Local Communities** - We value the long-term benefits of working with the local stakeholders. Community benefits include employment opportunities, contract opportunities for local businesses, tax revenues and investment in local hospitality and construction industries.



**Landowners** - A lease agreement with EDF Renewables increases and diversifies your income sources at no cost to you, with little effort and minimal impact on your current activities.



## INDIGENOUS AND LOCAL COMMUNITY BENEFITS

The Project will have long-term benefits that include:

**Equity partnership** with First Nations on the project, providing revenues and economic reconciliation from **financial returns as an owner, And long-term returns** based on a return on First Nations equity investment.

**Employment** opportunities will be available during the construction and operational phases of the Project. The Project is anticipated to generate more than 200 jobs at peak construction and up to 10 permanent positions during operations.

**Community support** for events and bursaries

**Contract opportunities** for Indigenous businesses working with the general contractor

**Local investments** in hospitality and construction services will be made during the project's development, construction, and operational phases.

**Reduction in air pollution and greenhouse gases**



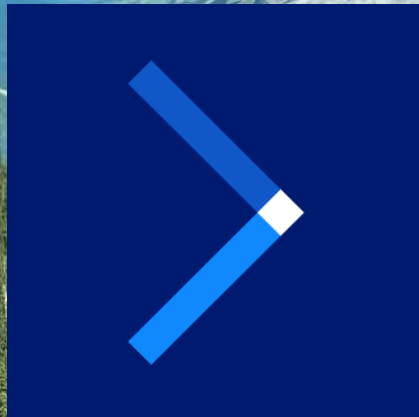
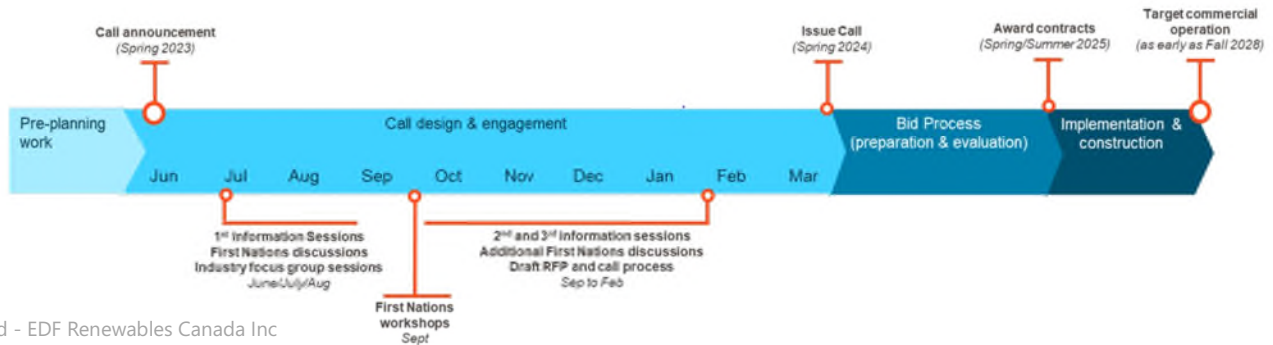
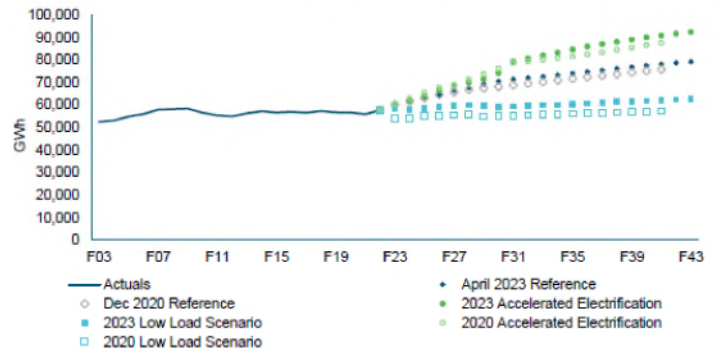
## BC Hydro Call for Power



# Summary of the Call for Power

- 25-51% equity ownership for First Nations
- 30-year agreement with BC Hydro based on BC Hydro forecasted electrical load growth
- ~800-900 MW of total procured volume based on forecasted need for more electricity
- Project size ranges from 40- 200 MW
- Bid due date: September 16, 2024
- Commercial Operation Date: Q3 2028-Q3 2031

Figure 4-1 Total Integrated System Energy Load Scenarios



Taylor Wind Project

# Project Overview

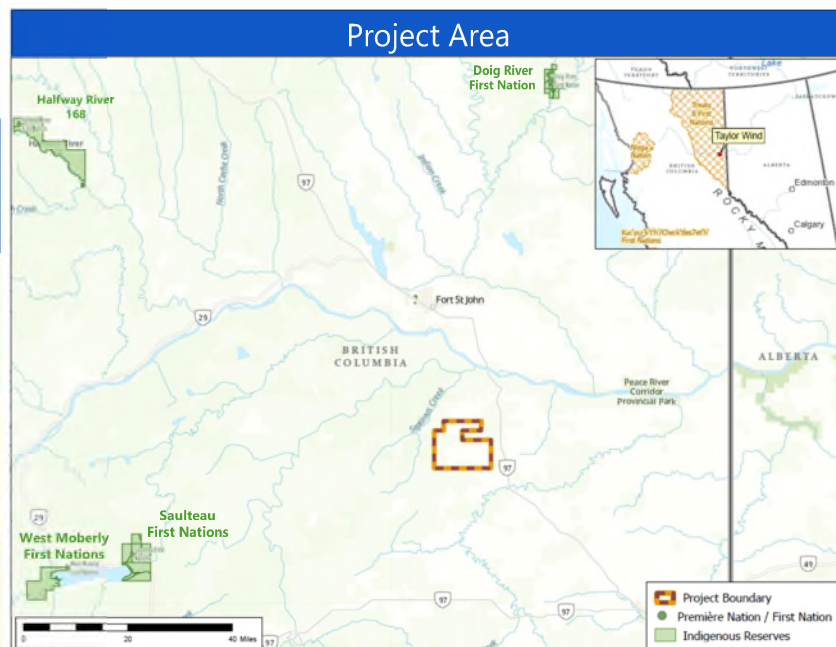
- Taylor Wind Project (the Project) is an up to 200-megawatt (MW) wind energy project located just north of Dawson Creek and south of Fort St. John. It currently coexists with cattle operations and oil and gas (O&G) facilities.
- These are private lands within Treaty 8; EDF recognizes that regardless of this, we will partner with First Nations while obtaining their oversight as we care deeply about the traditional knowledge over these lands.
- Taylor Wind Project has been in development since 2012 and has completed substantial amount of permitting work.
- Major Project components will consist of:
  - Approximately 40-70 wind turbines
  - One substation
  - Access Roads – most already in use for agriculture/O&G
  - Two permanent meteorological (MET) tower
  - Underground 34.5kV electrical collector line system
  - Temporary construction workspaces
  - Potentially, an Operations and Maintenance (O&M) building would be located on site
  - High Voltage transmission line



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# Taylor Wind Project Development

LANDS	<ul style="list-style-type: none"> <li>• Land tenure with NIL Ray Farms under option</li> <li>• Crown lands are being proposed west of the farm for the transmission line to connect to the wind project</li> <li>• Support from PRRD for ALC application in the future</li> </ul>
RESOURCE ASSESSMENT & TECHNOLOGY	<ul style="list-style-type: none"> <li>• Meteorological towers have been installed on site to assess and collect data of wind resources in the project area</li> <li>• Currently assessing various vendors for the wind turbine technology</li> </ul>
INTERCONNECTION & TRANSMISSION	<ul style="list-style-type: none"> <li>• CEAP feasibility package submitted to BC Hydro to confirm feasibility of interconnection with the proposed project size</li> <li>• Preliminary assessment showed capacity is available for the project</li> </ul>
PERMITTING & ENGAGEMENT	<ul style="list-style-type: none"> <li>• Engaging with the First Nations, and BC EAO to gather feedback as the project resumes development</li> <li>• Continuing engagement with local landowner &amp; Peace River Regional District to understand required permits and timelines</li> <li>• Significant permitting work was completed in the past and will look to refresh/update with support from First Nations, PRRD, BC EAO</li> </ul>
ENVIRONMENT	<ul style="list-style-type: none"> <li>• Previous studies completed within project area have shown minimal risks on site.</li> <li>• To better understand the current landscape, environmental studies will be updated to assess presence of wildlife habitats and environmentally, culturally sensitive features.</li> </ul>





# Next Steps

- EDF Renewables (EDFR) to continue engagement with BC EAO, First Nations, landowner and local community on advancing the Project.
- EDFR to complete preliminary fieldwork to understand current landscape and sensitive features. EDFR to complete this work with interested First Nations and/or stakeholders.
- EDFR to continue engagement with PRRD to provide updates to Council on project progress.
- EDFR to continue discussions with PRRD Development Services to update them on project progress, identify required permits, processes & timelines, and seek support where needed for the RFP.

A photograph of two wind turbines in a field at sunset. The sky is a mix of orange, pink, and blue. The turbines are silhouetted against the bright sky. One turbine is in the foreground, and another is further back to the right.

**THANK YOU**

**CONTACT US**

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