PERMITTING & CONSULTATION PROCESS

Engagement & Consultation Process

- We take community engagement and public consultation seriously. We have been engaging with the community since 2017 through land agents, in-person meetings, newsletters and open houses. To date, we have completed 1 open house and delivered multiple updates and newsletters to stakeholders.
- With COVID-19, we adapted our engagement practices to keep you and our team members safe. Although we are not able to meet in-person, we remain available for public consultation through online methods. We understand that there may be new neighbours in the project area throughout the entire project lifecycle. We will include and engage with our new neighbours to provide updates on the project and respond to any concerns they may have.
- You can always reach us at: 1-844-255-5471 and bulltrailwind@edf-re.com. We also suggest visiting our project website www.bulltrail.ca for more project details.

Project and Community Engagement Timeline

Commenced public consultation and environmental fieldwork

First public mail-out to stakeholders & open house

2018

Q4 2019

Completion of environmental studies

AEP REPS submission

Q1 2021

Q3 2021

Received AEP Approval

Second public consultation with stakeholders

Second open house

AUC submission

Q4 2021

Q3 2022

Anticipated AUC Approval

Anticipated start of construction

Anticipated Commercial Operation

Q3 2023

In Harmony with Agriculture

- We recognize that we need the support of local landowners and we work diligently to make sure we listen and co-operate.
- Well designed wind energy projects complement farming activity with minimal disruption.
- We work closely with our landowners to ensure project infrastructure fits with current and future land use.
- We value your feedback and if you have any comments or concerns, please let one of the team know.

Avian & Bat Impacts

Well-sited wind projects should have minimal impacts upon local bird and bat populations.

- Working closely with Alberta Environment and Parks, Cypress LP has undertaken all required bird and bat studies to quantify potential risks and implement mitigation measures to ensure sustainable development.
- Potential impact on birds and bats was considered in the Renewable Energy Project Submission for the Cypress Wind Power Project.
- A multi-year post-construction wildlife monitoring program will be undertaken to determine effects.

A report published in Avian Conservation & Ecology stated:

"Overall…the effects of collisions, nest mortality, and lost habitat on birds associated with Canadian wind farms appear to be relatively small compared to other sources of mortality."

Source: Zimmerling, R. J., Pomeroy, A.C., d'Entremont, M. V., and Francis, C.M. (2013)

EDF renewables

Environmental Studies Completed

Wind power project design includes consideration of impacts on wildlife and vegetation.

ENVIRONMENTAL STUDIES UPDATE

In January 2021, we submitted Renewable Energy Project Submission (REPS) to Alberta Environment and Parks (AEP) for review. This includes field environmental studies from 2018 – 2020 and the proposed Project layout. In August 2021, we received approval from the AEP.

If required, additional archaeological and paleontological resources work will be completed in 2022.

Technical Studies Completed

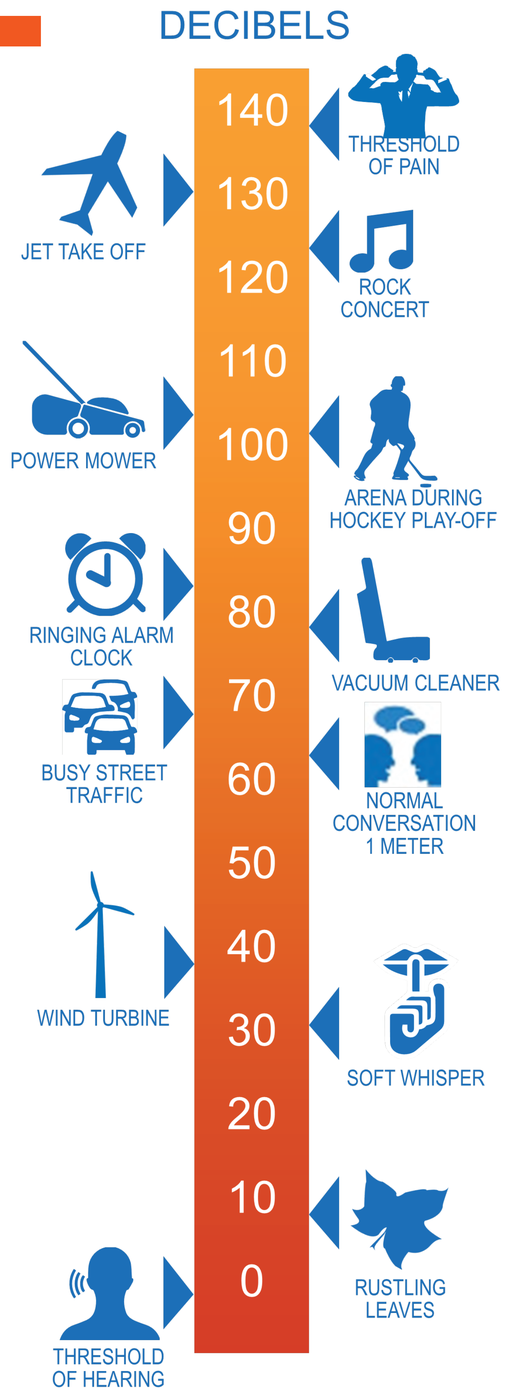
NOISE

We have completed and updated the third-party noise impact assessment. The assessment follows AUC Rule 012: Noise Control, and includes cumulative sound emissions from nearby facilities, including oil and gas facilities. The noise results are outlined in the Project Map. The Project remains in compliance with AUC Rule 012 with the Project layout.

SHADOW FLICKER

We have conducted an updated shadow flicker analysis. The results of this study can be found on the Project Map, which identifies all dwellings and the expected duration of shadow flicker for each dwelling. This study considers the probability of cloud cover, but it does not consider the residence orientation or window location. The results of this study differ from the last study. Additional details are available upon request.

Noise Impact Assessment



- All wind energy projects must meet Alberta Utilities Commission (AUC) Rule 012: *Noise Control*.
- The Noise Impact Assessment has been completed for all residences within 1.5 kilometres of the project.
- The study includes the noise from the project and nearby operational and proposed energy related facilities.
- The results of the Noise Impact Assessment were used to determine the final turbine layout. The resulting noise contours are shown on the Project Map.
- This Project meets the requirements of AUC Rule 012: *Noise Control*.

Shadow Flicker Analysis

- Shadow flicker is caused when the turbine blades cast a shadow on nearby residences.
- We have completed a shadow flicker study and provided the results in the Project Map. The shadow flicker results are presented on a colour scale that correlates with the annual hours of the adjusted case shadow flicker.
- The adjusted case shadow flicker considers the probability of cloud cover, but it does not consider the residence orientation and window location.
- Residences within 2 km of the project were considered in the shadow flicker analysis.

Aviation Impacts

- The Alberta Utilities Commission's (AUC) approval required the completion of federal-level processes. This includes approval from **Transport Canada** and **NAV CANADA** to ensure the wind project is visible and does not present a hazard to aviation safety.

- According to the Transport Canada Standard, the Project requires lighting at the top and midpoint of perimeter-located wind turbines and the highest elevation turbines.

- We will continue to consult with all aviation facility owners near the project area to ensure safe operations of the wind farm and aviation facilities.