



We are doing consultation in your area to hear your feedback on the **Forty Mile Wind Power Project**



Suncor and renewable energy

Wind power is one of the fastest growing sources of electricity generation in the world. Investment in wind power is a key component of Suncor's climate change action plan.

Suncor and our partners have been involved in wind power development in Canada since 2000. Our first project, SunBridge, was commissioned in 2002. Suncor has commissioned three wind facilities in Alberta including Magrath (2004), Chin Chute (2006) and Wintering Hills (2011).

Suncor has been involved in the development of eight wind power projects in three provinces across Canada for a total of 395 megawatts (MW).

We are excited about recent government announcements around renewables as part of the energy mix and look forward to the opportunities to invest in facilities and operations that support a lower-carbon future.

Responsible development means community involvement

As Suncor prepares for the future, community involvement continues to be an important part of responsible development.

Suncor believes that our stakeholders have a right to be informed about our activities, participate in a transparent engagement process, and be involved in the issues and opportunities affecting them.

What makes a successful wind project?

A successful wind power project requires:

- a strong wind resource;
- access to transmission lines; and
- an engaged and supportive community.

Suncor believes that a wind farm in the County of Forty Mile No. 8 has the necessary elements for the development of a successful wind project.

We want to learn more about your community and values - and to work together in the development of our proposed Forty Mile Wind Power Project.

Project overview

The proposed Forty Mile Wind Power Project is located in south-eastern Alberta, on over 50,000 acres of privately owned land, south and east of the Town of Bow Island and in the County of Forty Mile.

The project is proposed to be up to 400 MW and will consist of up to 175 wind turbines as well as meteorological tower(s), pad mount transformers, electrical collection system(s), turbine access roads, two substations and temporary construction facilities.

The project will deliver generated electricity to the grid via two proposed substations (Granlea substation and Maleb substation) which will both have separate connections to the existing 240 kilovolt (kV) transmission line or substation within the project area.

The transmission line between the project collector substations to the Alberta Interconnected Electrical System will be completed by Altalink Management Limited.

Key Project Details

Size: up to 400 megawatts (MW)

Number of turbines: up to 175

Tower height: up to 110 m

Rotor diameter: up to 145 m

Alberta's Renewable Electricity Program

The Renewable Electricity Program (REP) is intended to encourage the development of 5,000 MW of renewable electricity generation capacity connected to the Alberta grid between now and 2030.

The first competition will procure up to 400 MW of renewable electricity capacity with a target operational date of December 1, 2019. The Alberta Electric System Operator (AESO) has shared a timeline for the 2017 REP procurement process shown to the right.

Activity	Timing
Request for Qualifications (RFQ) due	June 2017
Request for Proposals (RFP) due	October 2017
Successful proponent(s) selected	December 2017



Contact information

Forty Mile Wind Power Project
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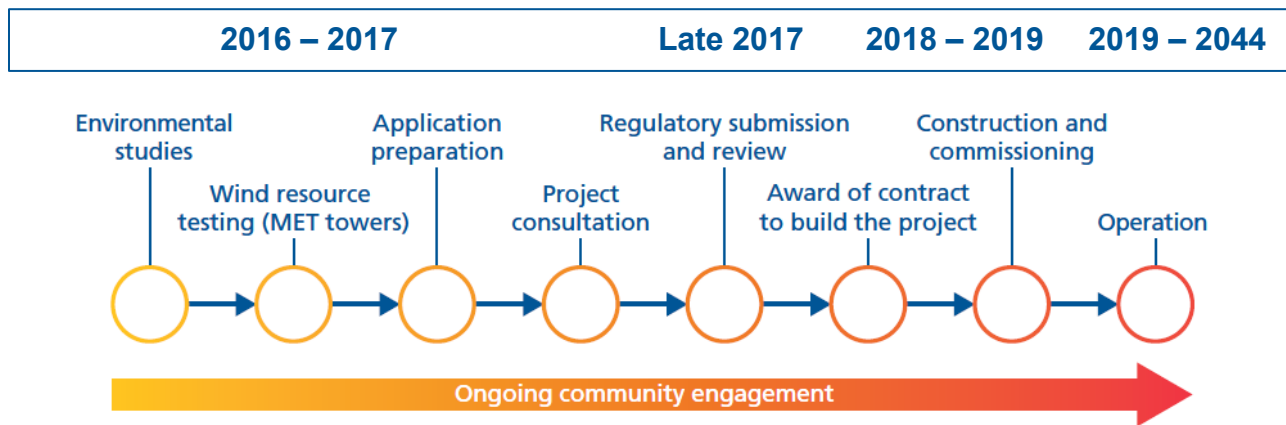


Proposed timeline

The timeline for design and construction of wind power projects can vary depending on a number of factors. If the Forty Mile Wind Power Project is successful in winning a contract through the AESO's first REP competition, a potential timeline could look like the following:

- 2017: preliminary project design and permitting (including submitting a permit application to the Alberta Utilities Commission (AUC) for review and approval)
- 2018: finalizing detailed project engineering and contracting
- 2019: construction and commercial operations

If Suncor is not successful in the first round of procurement, we will continue to develop the project for future competitions or other potential power sale agreements.



Regulatory process

There are several government bodies and agencies that need to approve or review wind power development in Forty Mile County. These include the following:

Municipal

- County of Forty Mile No. 8

Provincial

- Alberta Utilities Commission
- Alberta Environment and Parks
- Alberta Transportation

Federal

- Transport Canada
- Nav Canada
- Environment Canada
- Royal Canadian Mounted Policy
- Department of National Defence

Creation of a Wind Energy Facility District

To receive the appropriate development permits from the County of Forty Mile No. 8, Suncor is working with the County to create a Wind Energy Facility (WEF) District within the proposed project area.

For more information about the WEF District designation process, please contact development@fortymile.ab.ca or call 403-867-3530.



Potential benefits of wind power development

We believe that communities affected by our activities should be able to benefit from energy development through opportunities such as employment, business development, education, and community investment.

Key factors of being a sustainable energy company include strong economic performance, along with social responsibility and environmental stewardship. Suncor's investment in the Forty Mile Wind Power Project will benefit the economy, people and nearby communities through:

- creating jobs (construction and operations)
- promoting economic growth and contracting opportunities
- increasing the community's tax base; and
- investing in programs and initiatives that support resilient and sustainable communities



Suncor was the Bronze sponsor of the 2016 HALO Fundraiser

Potential impacts of wind power development

There are a variety of questions and concerns that landowners and community members may have related to wind project development in your area.

These may include concerns about:

- Noise
- Bird and bat mortality
- Property values
- Decommissioning
- What happens during construction
- Health and safety of residents
- Shadow flicker; and
- Setbacks from environmental features

To mitigate impacts from wind project development, Suncor implements industry best practices in project planning, design, construction, and operations.

We follow specific requirements that are administered by the provincial government with regards to the sound and environmental guidelines for the siting and operation of wind farms, including conservative modeling and setbacks.

We are committed to working with local communities to understand and address concerns. We will be contacting all stakeholders within 800 metres of the project boundary to discuss these topics.

Public consultation

Since early 2016, Suncor has been engaging with community members in and around the County of Forty Mile No. 8. We've hosted a Community Meet and Greet, met with County Council, supported and attended the HALO Fundraiser, met with our project landowners, participated in the Bow Island Trade Show, donated to the solarium project at the Bow Island Library, and hosted a Community Open House to share information about the proposed project.

The enclosed AUC brochure –*Public Involvement in a proposed utility development*– describes your rights and options for participating in a proceeding to consider applications in your area. We will contact all stakeholders within 800 metres of the project to hear your views about the proposed Forty Mile Wind Power Project so we can work to address your interests in project planning and development.

We want to hear from you!

Please share your questions, concerns, and comments about the proposed project using the contact information below.

We invite comments at any point during the project development, though community members are encouraged to share feedback before June 30 so that input can be incorporated into project planning.

Contact information

Forty Mile Wind Power Project
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