

Electric system improvements near you

Forty Mile Wind Power Connection Project – Murray Lake Switching Station

You are receiving this newsletter because you are near the Forty Mile Wind Power Connection Project – Murray Lake Switching Station and we want your input.

To connect Renewable Energy Systems Canada Inc.'s (RES) approved Forty Mile Wind Power Plant to the grid, AltaLink is proposing upgrades to its **transmission** system in the area.

Although AltaLink's project is required to facilitate the connection of the Forty Mile Wind Power Plant, it is a separate project. In addition to the approved Forty Mile Wind Power Plant, there is a proposed RES 240 kilovolt (kV) transmission line project associated with it. RES will be consulting separately on their projects. For more information about the RES projects, please see their contact information on the back of this newsletter.

We are providing you with:

- project details
- a map of the proposed project
- information about how you can provide your input
- the project schedule

AltaLink's transmission system efficiently delivers electricity to 85 per cent of Albertans. Dedicated to meeting the growing need for electricity, AltaLink connects Albertans to renewable, reliable, and low-cost power. With a commitment to community and environment, AltaLink is ensuring the transmission system will support Albertans' quality of life for years to come. Learn more at www.altalink.ca.

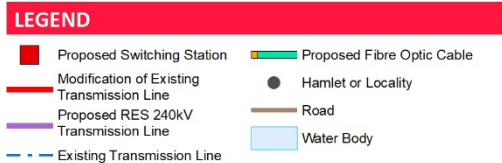
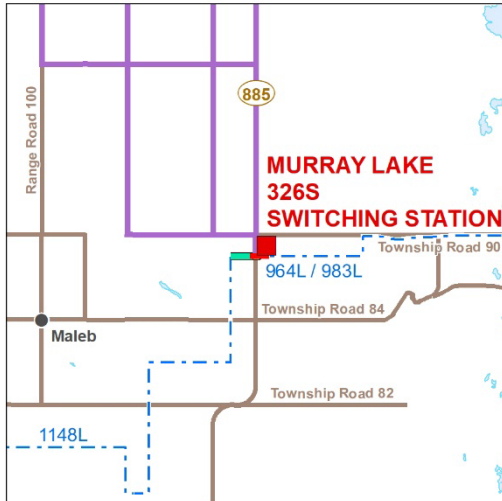
DEFINITION:

Transmission

Transmission lines make up Alberta's electric highway, linking the places where power is generated to your community where power is used. Transmission lines transport large amounts of power from power plants across the province. The transmission system connects diverse sources of power generation including wind, high-efficiency coal, natural gas and more.

CONTACT US

1-877-267-1453
stakeholderrelations@altalink.ca
www.altalink.ca/projects



The new switching station will look similar to the image above



The new structure will look similar to the image above

Project details

AltaLink's proposed project is located at NW-36-8-9-W4 in the County of Forty Mile, approximately 27 kilometres southeast of the Town of Bow Island.

To connect RES's Forty Mile Wind Power Plant to the grid, AltaLink is proposing to:

- construct a new **switching station** (called Murray Lake 326S)
- modify an existing 240 kilovolt (kV) transmission line (called 964L) including building an additional 35 metres of transmission line and installing one new transmission structure to connect it to the new switching station
- install approximately one kilometre of buried **fibre optic cable** to the west of the switching station

The new switching station will include:

- three 240 kV circuit breakers and associated equipment
- a fenced area of approximately 55 by 85 metres
- an access road approximately 65 metres long by eight metres wide

The new structure will:

- be a wood or steel monopole structure
- be approximately 25 to 52 metres tall
- have a **right-of-way** of approximately 35 metres

DEFINITIONS:

Switching station

Switching stations connect two or more transmission lines so power can be re-routed and transported across the province to where it's needed.

Fibre optic cable

Fibre optic cable transmits data to our system control centre. This allows us to monitor the operation of the electric system and ensure we provide safe and reliable power to our customers.

Right-of-way

A right-of-way (ROW) is a strip of land required for the construction, maintenance, and safe operation of a transmission line. A ROW refers to the physical spaces in which a transmission line is located and includes areas on either side of the transmission line structures and the conductors, which are the wires that carry the electricity.

Electric and Magnetic Fields (EMF)

AltaLink recognizes that people may have concerns about exposure to EMF and we take those concerns seriously.

Everyone in our society is exposed to power frequency EMF from many sources, including:

- power lines and other electrical facilities
- electrical appliances in your home
- building wiring

National and international organizations such as Health Canada and the World Health Organization (WHO) have been conducting and reviewing research on exposure to EMF for more than 40 years. Based on this research, these agencies have not recommended that the general public needs to take steps to limit their everyday exposure to EMF from high voltage transmission lines, including individuals that are located on the edge of a power line right-of-way.

If you have any questions about EMF, please contact us.

Website: www.altalink.ca/emf

Email: emfdialogue@altalink.ca

Toll-free phone number: 1-866-451-7817

Anticipated project schedule

Notify and consult with stakeholders	January to April 2022
File application with Alberta Utilities Commission (AUC)	June 2022
Start construction if project is approved	February 2023
Construction completed	June 2023

Although we attempt to follow the anticipated project schedule it is subject to change. We will continue to provide you with updated schedule information if required as the project progresses.

Keeping the lights on during COVID-19

AltaLink is closely monitoring the spread of COVID-19. Our priority is maintaining the health and safety of our employees, contractors, and the general public while ensuring that we can continue to operate our system and keep the lights on for Albertans.

Providing your input

At this time, we are limiting in-person meetings and will be conducting the majority of meetings via telephone or electronic methods. If you'd like to provide input, you can also do so through our online feedback portal, found here: www.altalink.ca/projectfeedback. As the situation regarding COVID-19 changes we will re-assess this approach. We will update you as the situation evolves. Our focus is ensuring the lights stay on, and that you have the electricity you need.

After our notification process is complete, we will file an application with the Alberta Utilities Commission (AUC). The AUC ensures the fair and responsible delivery of Alberta's utility services and will review the application through a process in which stakeholders can participate. We will notify stakeholders when we file the application and again once the AUC has reached a decision about the project. To learn more about the AUC process and how you can become involved, please refer to the brochure included in this package titled *Participating in the AUC's independent review process*.

Contact us

To learn more about the proposed project, please contact:

ALTALINK

1-877-267-1453 (toll free)

Email: stakeholderrelations@altalink.ca

Website: www.altalink.ca/projects

To learn more about the RES projects, please contact:

RENEWABLE ENERGY SYSTEMS CANADA INC.

Andrea Cosman

Development Manager

514-607-9055

Email: andrea.cosman@res-group.com

Georgie Fisher

Hardline Engineering – Stakeholder Engagement Advisor

403-689-9936

Email: gfisher@hardlineeng.com

Project email: fortymile.wind@res-group.com

To learn more about Alberta's electric system and the need for the project, please contact:

ALBERTA ELECTRIC SYSTEM OPERATOR (AESO)

1-888-866-2959

E-mail: stakeholder.relations@aeso.ca

The AESO is an independent, not-for-profit organization responsible for the safe, reliable, and economic planning and operation of the provincial transmission grid. For more information about why this project is needed, please refer to the AESO's Need Overview included with this package or visit www.aeso.ca. If you have any questions or concerns about the need for this project or the proposed transmission development to meet the need you may contact the AESO directly. You can make your questions or concerns known to an AltaLink representative who will collect your personal information for the purpose of addressing your questions and/or concerns to the AESO. This process may include disclosure of your personal information to the AESO.

To learn more about the application and review process, please contact:

ALBERTA UTILITIES COMMISSION (AUC)

780-427-4903 (toll-free by dialing 310-0000 before the number)

E-mail: consumer-relations@auc.ab.ca

PRIVACY COMMITMENT

AltaLink is committed to protecting your privacy. AltaLink will collect, use, and disclose personal information in accordance with AltaLink's Privacy Policy and the *Personal Information Protection Act* (Alberta). As part of the regulatory process for new transmission projects, AltaLink may provide your personal information to Alberta Utilities Commission (AUC). For more information about how AltaLink protects your personal information, visit our website at www.altalink.ca/privacy or contact us directly via e-mail privacy@altalink.ca or phone at 1-877-267-6760.

INCLUDED IN THIS INFORMATION PACKAGE:

- Project map
- COVID-19 update
- AESO Need Overview
- AUC brochure: *Participating in the AUC's independent review process*

SUBSCRIBE TO THIS PROJECT

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