

Electric system improvements near you

Buffalo Plains Wind Farm Connection

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.

You are receiving this newsletter because you are near the Buffalo Plains Wind Farm Connection and we want your input.

Buffalo Plains Wind Farm Inc. (Buffalo Plains) is proposing to build a new transmission line as part of their Buffalo Plains wind farm project. To connect their proposed facility to the grid, AltaLink is proposing equipment upgrades at its Milo Substation, as well as modifications to an existing transmission line just outside the substation.

Although AltaLink's project is required to facilitate the connection of the Buffalo Plains project, it is a separate project. Buffalo Plains will consult separately on their proposed transmission line, substation and facility. For more information about the Buffalo Plains project, please see their contact information on the back of this newsletter.

We are providing you with:

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

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



Project details

AltaLink's proposed project is located at NW-13-18-21-W4 and SW-13-18-21-W4 in Vulcan County, approximately 8.5 kilometres southeast of the Village of Milo.

To connect the Buffalo Plains wind farm project to the grid, AltaLink is proposing to:

- add one new 240 kV **circuit breaker** and associated equipment to the Milo Substation
- relocate approximately 120 metres of existing transmission line and install a new transmission structure on the south side of the substation
- remove and salvage an old structure and transmission line on the south side of the substation that will no longer be needed

The new structure will be a self-supporting steel monopole that is between 25 and 45 metres tall.

All work will take place within AltaLink's existing Crown land lease areas.

See the attached Detail Photo (DP1) map for more details.



Above: The new steel monopole structure will look similar to the image above

Below: A typical 240 kV circuit breaker



Above: The existing Milo Substation

DEFINITION:

Circuit breakers are electrical switches inside a substation that protect substation equipment. Circuit breakers help ensure the safety and reliability of the electric equipment.

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	July to September 2021
File application with Alberta Utilities Commission (AUC)	November 2021
Start construction if project is approved	October 2022
Construction completed	December 2022

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)

E-mail: stakeholderrelations@altalink.ca

Website: www.altalink.ca/projects

To learn more about the Buffalo Plains project, please contact:

SABR ENERGY ON BEHALF OF BUFFALO PLAINS WIND FARM INC.

Samantha Brown

587-434-7547

Email: sbrown@sabreenergyconsulting.com

Website: <https://www.abo-wind.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

INCLUDED IN THIS INFORMATION PACKAGE:

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

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.

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