

JANUARY 2025

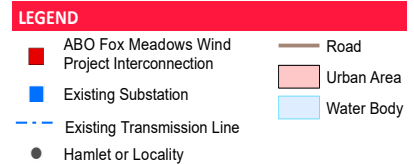
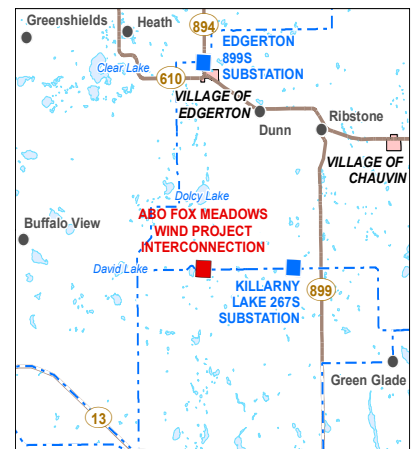
ABO Energy Fox Meadows Wind Project Interconnection

You are receiving this newsletter because you are near ABO Energy’s Fox Meadows Wind Project Interconnection, and we want your input.

To connect ABO Energy’s Fox Meadows Wind Project to the grid, AltaLink is proposing changes to its transmission system. The project is located within the M.D. of Wainwright, approximately 20 kilometres south of the Village of Edgerton.

To connect ABO Energy’s wind, battery and substation project to the grid, AltaLink is proposing modifications to an existing **transmission** line, constructing a new **switching station** and installing two new **telecommunications towers**. Details are included in this newsletter.

ABO Energy has consulted with landowners on its project separately. For more information about ABO Energy’s project, please see their contact information included in this newsletter.



DID YOU KNOW? *Alberta is among the leaders in Canada when it comes to installed wind generation capacity. Alberta has more than 1,400 MW of wind power connected to the grid, which could power approximately 625,000 homes for a year.*

ANTICIPATED PROJECT SCHEDULE

<p>JANUARY - APRIL 2025 Notify and consult with stakeholders</p>	➔	<p>MAY 2025 File application with Alberta Utilities Commission (AUC)</p>	➔
		<p>SEPTEMBER 2025 Start construction if project is approved</p>	➔
			<p>APRIL 2026 Construction completed</p>

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.



Top photo: The structures required for the new short 138 kV lines will look similar to the above.

Bottom photo: The telecommunications towers at the Spalding and Edgerton Substations will look similar to the above.

Project details

AltaLink's proposed project includes:

- constructing a new switching station, called Spalding 1059S, south of ABO Energy's proposed Spalding **Substation** within a shared fenced area; the switching station will include two 138 kV **circuit breakers**, a **control building**, a telecommunications tower and associated equipment
- building two new short 138 kV lines to connect the switching station to an existing transmission line in the area, 749AL
- in addition to building a new telecommunications tower at the Spalding switching station located in SE 2-42-4-W4, this project also involves building a new telecommunications tower at AltaLink's existing Edgerton 899S Substation located in SE 11-44-4-W4

New 138 kV lines

The new short 138 kV lines required to connect AltaLink's proposed switching station and ABO Energy's project to the transmission system will be approximately 65 metres long, comprised of two structures each. All structures will be wood or steel monopole and approximately 20-30 metres tall. Each line will include one guy-wired structure within road allowance and another that connects directly into the switching station. AltaLink proposes to remove one existing structure along 749AL to accommodate these changes. Please see the maps included in this package for details of this proposed configuration.

Telecommunications towers

The proposed telecommunications towers will:

- be self-supported steel structures with triangular bases
- comply with Transport Canada's requirements regarding painting and lighting
- not be accessible to the public, as the structures will be inside the fenced area of operating substations and support AltaLink equipment only

The telecommunications tower at the Spalding Switching Station will be approximately 25-35 metres tall. The telecommunications tower at the Edgerton Substation will be approximately 35-45 metres tall and will be accompanied by a new control building.

Right photo: AltaLink's existing Edgerton Substation, within which AltaLink proposes to construct a new telecommunications tower and control building.



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



Radio Frequency (RF)

Telecommunication towers use Radio Frequency (RF) signals to transmit and receive information. The point-to-point signals travel along a focused path at low power levels and are well below recommended safety limits.

Licensed radio links on a telecommunications tower will not impact any other licensed telecommunication frequencies used by cellular phones, over-the-air television, satellite, radio, or GPS.

The telecommunication tower described in this notification will be installed and operated on an ongoing basis to be in compliance with Health Canada's Safety Code 6, which defines safe levels of RF exposure.

To ensure the structural adequacy of the tower, the design and installation will follow industry standards and sound engineering practices.

For general information relating to telecommunications systems, please contact:

Innovation, Science and Economic Development Canada

1-800-267-9401 (toll free in Canada)

Website: www.ic.gc.ca/towers

DEFINITIONS:

Transmission | *Transmission lines make up Alberta's electric highway, linking the places where power is generated to where power is used. Transmission lines transport large amounts of power over long distances across the province. The transmission system connects diverse sources of power generation including wind, solar, natural gas and more.*

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.*

Telecommunications tower | *Telecommunications towers support equipment that 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.*

Substation | *Substations are the connection points between power lines of varying voltages and contain equipment that controls and protects the flow of power. Substations include transformers that step down and step up the voltage so power can be transmitted through transmission lines or distributed to your community through distribution lines.*

Circuit breaker | *Circuit breakers are electrical switches inside a substation that protect substation equipment.*

Control building | *Control buildings house electrical equipment such as controls, batteries and meters and ensure electrical equipment is protected.*

**INCLUDED
IN THIS
INFORMATION
PACKAGE:**

- Project maps
- AUC brochure: *Participating in the AUC's independent review process to consider facility applications*
- AESO need overview

Providing your input

We will contact landowners, residents, and occupants near the proposed project to gather input and address questions or concerns.

After our consultation and 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 to consider facility applications*.

OUR COMMITMENT TO SUSTAINABILITY

If the Alberta Utilities Commission (AUC) approves this project, you may see or hear construction crews in the area. We have set strict standards by which we operate, including restricting work hours to reduce the impacts to residents and businesses, ensuring safe construction practices and following environmental protection measures and appropriate environmental legislation. AltaLink believes that the environmental effects of this project will be negligible.

This project is not located on federal lands, therefore Canadian Environmental Assessment Act, 2012 does not apply. AltaLink's safety standards and practices are developed to meet or exceed government guidelines and codes to ensure that our facilities meet the requirements for public, employee and neighbouring facility safety.

PRIVACY COMMITMENT

AltaLink is committed to protecting your privacy. Collected personal information will be protected under AltaLink's Privacy Policy and the Personal Information Protection Act. 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.

Contact us

To learn more about the proposed project please contact:

ALTALINK

1-877-267-1453 (toll free)

E-mail: stakeholderrelations@altalink.ca

To subscribe to this project:

visit www.altalink.ca/projects, search for the project title, and click 'subscribe to updates'

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.

To learn more about the ABO Energy project, please contact:

ABO Energy

Dave Berrade, Social Impact and Engagement Lead

Email: dave.berrade@aboenergy.com

Phone: 1-587-576-5339

Website: www.foxmeadowswind.com

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

Alberta Electric System Operator

1-888-866-2959 (toll-free)

Email: stakeholder.relations@aeso.ca

Website: www.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 a transmission facility owner 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.

Let's talk transmission



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Chef de file en
matière d'électricité
durable

