ALTALINK
A BERKSHIRE HATHAWAY ENERGY COMPANY

November 2022

Electric system improvements near you

Bowmanton Substation Upgrade

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 proposed Bowmanton Substation Upgrade and we want your input.

The Alberta Electric System Operator (AESO) has requested that AltaLink upgrade the equipment at the existing Bowmanton **Substation** to ensure a reliable supply of electricity is available in the area for years to come.

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

You may have recently received information about another project in the area called the Hilda Wind Power Project Connection.

This is a separate project. For information about that project, please visit our website at www.altalink.ca/projects.

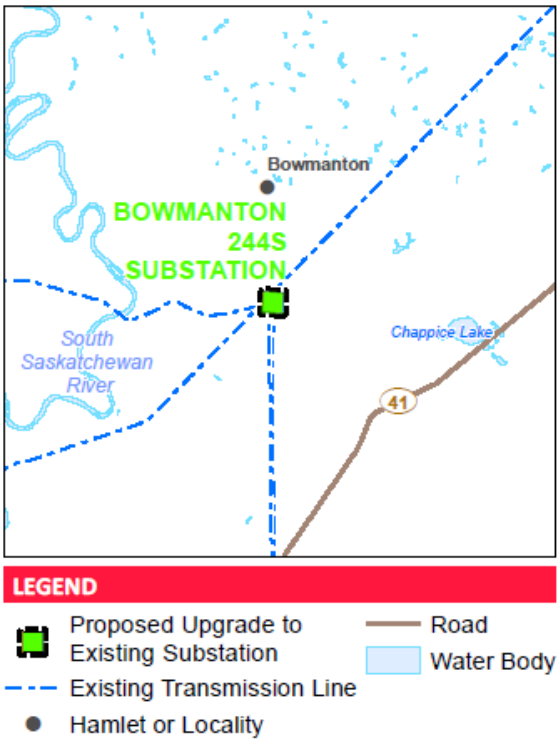
DEFINITIONS:

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.

CONTACT US

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



A 240 kV circuit breaker

A capacitor bank

Project details

The proposed project involves equipment upgrades at the existing Bowmanton Substation, located in Cypress County, in NW-15-14-4-W4M.

The proposed upgrades include:

- adding three new 240 kilovolt (kV) **circuit breakers** and associated equipment
- adding three new 240 kV **capacitor banks or filter banks** and associated equipment

AltaLink will determine whether to install capacitor or filter banks based on engineering work as part of the project.

All work will take place on AltaLink owned land and no fence expansion will be required. Please refer to the included Detail Photo Map (DP1) for a detailed overview of the project area.

DEFINITIONS:

Circuit breaker

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

Capacitor banks and filter banks

Capacitor banks regulate the voltage within a substation and help ensure the safety and reliability of the electric system. Capacitor banks may sometimes impact power quality on the electric system. This is addressed by installing filter banks instead of capacitor banks. A filter bank performs a similar function to a capacitor bank but the filter bank has additional components to remove power quality impacts.

The Bowmanton Substation

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

Providing your input

We will contact landowners, residents and occupants near the proposed project to gather input and address questions or concerns. Our priority is maintaining the health and safety of our employees, contractors, and the general public, while ensuring that we are able to continue to operate our system and keep the lights on for Albertans. We will follow any requested COVID-19 safety protocols for in-person meetings and accommodate your preferred meeting options, including over the phone, virtual or in-person. You can also provide input through our online feedback portal, found here: www.altalink.ca/projectfeedback.

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.*

Anticipated project schedule

Notify and consult with stakeholders	November 2022 – January 2023
File application with Alberta Utilities Commission (AUC)	February 2023
Start construction if project is approved	August 2023
Construction completed	October – December 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

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 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.altalink.ca/projects

The AESO is an independent, not-for-profit organization acting in the public interest of all Albertans. They plan Alberta's transmission system, which is made up of the transmission lines, substations and other related equipment that allow electricity to flow from where it is generated to where it is used.

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
- AUC brochure: *Participating in the AUC's independent review process*

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2) Search for the project title
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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.