ALTALINK
A BERKSHIRE HATHAWAY ENERGY COMPANY

February 2019

Electric system improvements near you

BowArk Drywood Gas Generation 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 proposed BowArk Drywood Gas Generation Connection and we want your input.

BowArk Energy Ltd. has requested a connection to the transmission system for their proposed Harland Substation, which is part of the BowArk Drywood Expansion Power Plant Facility.

AltaLink is proposing to connect BowArk's Harland substation to the transmission system by connecting it to an existing AltaLink transmission line in the area. The proposed project is located approximately six kilometers northwest of Twin Butte and will be operated and maintained by AltaLink.

We are providing you with:

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

If you have questions about the proposed Harland Substation, please see BowArk's contact information at the back of this newsletter.

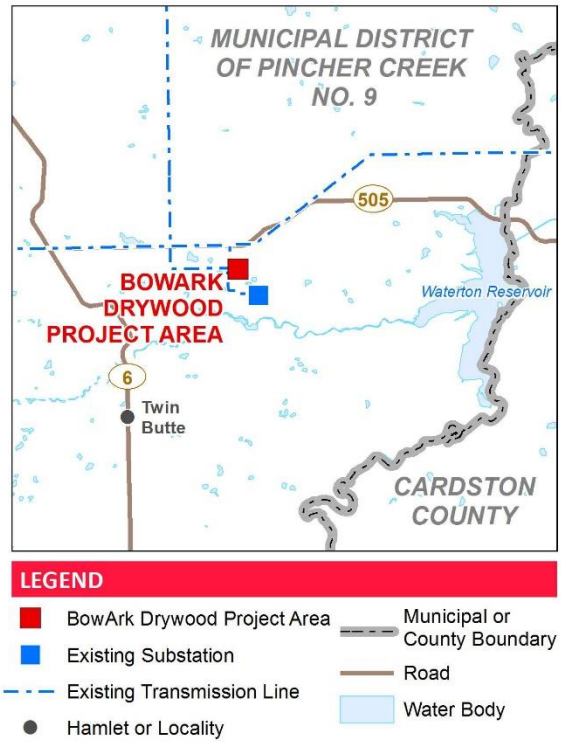
DEFINITION:

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 over long distances 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



Single-pole structure similar to the proposed

Steel H-frame structure with airbreak similar to the proposed

H-frame structure similar to the proposed

Project details

AltaLink's proposed project involves building approximately 150 metres of new 138 kV (kilovolt) transmission line (called 164BL) to connect BowArk's proposed Harland Substation to AltaLink's existing 164L transmission line.

The new transmission structures will:

- be made of wood or steel
- be single-pole or H-frame
- be single circuit
- be approximately 14 to 25 metres tall
- have a right-of-way width of 20 metres

An H-frame structure with an airbreak will also be required. An airbreak is a piece of equipment that isolates portions of a transmission line so that future maintenance can be performed without the need for outages.

All proposed structure types are shown on the left.

The 164L transmission line will be modified to accommodate the connection, which may include adding new structures.

Communications equipment upgrades are required as part of this project to ensure the safe and reliable operation of the transmission system. AltaLink is proposing to install an underground fibre optic cable between the two substations. A portion of the fibre will be buried within the proposed transmission line right-of-way, and a small segment will be buried on private land and will require a right-of-way of five metres.

Please see the attached map for an overview of the project area, including the location of the proposed transmission line and fibre optic cable.

Electric and Magnetic Fields (EMF)

AltaLink recognizes that people have concerns about exposure to Electric and Magnetic Fields (EMF) and we take those concerns seriously. Everyone in our society is exposed to 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 have been conducting and reviewing research about EMF for more than 40 years. Based on this research, these organizations have not recommended the general public take steps to limit their everyday exposure to EMF from electrical facilities. If you have any questions about EMF, please contact us.

Toll-free phone number: 1-866-451-7817
Email: emfdialogue@altalink.ca
Website: www.altalink.ca/emf

Providing your input

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

After the consultation process is complete, we will file an application with the Alberta Utilities Commission (AUC). The AUC 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 *Public involvement in a proposed utility development.*

Anticipated project schedule

Notify and consult with stakeholders	Winter 2019
File application with Alberta Utilities Commission (AUC)	Spring 2019
Start construction if project is approved	October 2019
Construction completed	January 2020

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.

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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 BowArk Energy Ltd.'s proposed project, please contact:

BOWARK ENERGY LTD.
Pat Bowes, VP Development
403-582-4755
Email: pbowes@bowark.com
Website: www.bowark.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 (toll-free)
Email: 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 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.

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)
Email: consumer-relations@auc.ab.ca

The Alberta Utilities Commission (AUC) ensures the fair and responsible delivery of Alberta's utility services. AltaLink submits applications for new transmission projects to the AUC and the AUC reviews them in a public process.

PRIVACY COMMITMENT

AltaLink is committed to protecting your privacy. Collected personal information will be protected under AltaLink's Privacy Policy and Alberta's 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 email privacy@altalink.ca or phone at 1-877-267-6760.

INCLUDED IN THIS INFORMATION PACKAGE:

- Project map
- AESO Need Overview
- AUC brochure: *Public involvement in a proposed utility development*

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