ALTALINK
A BERKSHIRE HATHAWAY ENERGY COMPANY

May 2020

Electric system improvements near you

Solar Krafte Vauxhall 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 Solar Krafte Vauxhall Connection project and we want your input.

Solar Krafte Utilities Inc. (Solar Krafte) has requested a connection to the transmission system for their proposed Vauxhall Solar Farm. To facilitate this connection AltaLink is proposing to construct a **transmission** line, operated and maintained by AltaLink, to connect Solar Krafte's proposed substation and solar farm to the electric system.

Although AltaLink's project is separate from Solar Krafte's project, it is required to facilitate the connection of their project. Solar Krafte will consult separately on their proposed project. For more information about Solar Krafte's 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

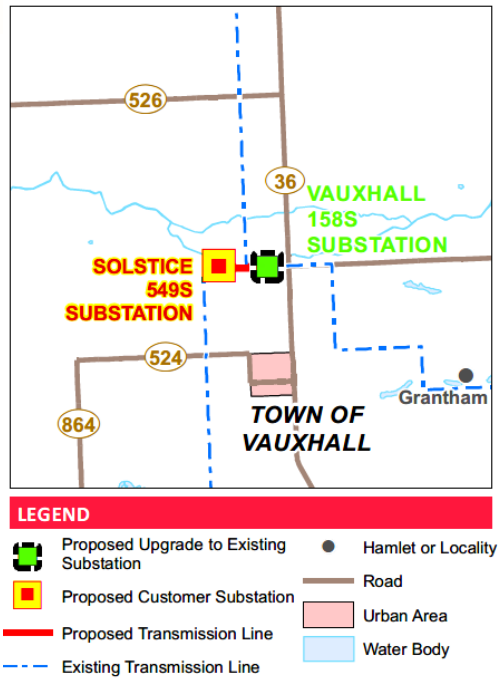
DEFINITION:

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



Above: The existing Vauxhall Substation

Above: Deadend and tangent structures will look similar to the structures shown above, and may be wood or steel.

Project details

The proposed project is located in the Municipal District of Taber, approximately three kilometres north of the Town of Vauxhall.

It includes constructing approximately 1.5 kilometres of new 138 kilovolt (kV) transmission line to connect Solar Krafte's proposed Solstice Substation to AltaLink's existing Vauxhall Substation.

For a detailed overview of the project, please refer to the detailed photo map (DP1) included in this package.

Route selection

We have identified two potential routes to connect Solar Krafte's Solstice Substation to AltaLink's Vauxhall Substation. AltaLink's potential routes and Solar Krafte's substation are shown on the map included in this package. If the project is approved by the Alberta Utilities Commission (AUC), only one route will be selected for construction. AltaLink takes several factors into consideration in an effort to find a route with low overall environmental, social and economic effects. In addition to stakeholder input we also consider other effects, such as agricultural, residential, environmental and visual impacts, as well as cost.

Proposed structures

The proposed single circuit transmission line structures will:

- be wood or steel
- be approximately 15 to 30 metres tall
- require guy wires at deadend structure locations
- have a right-of-way approximately 20 metres wide when located on private property, and approximately 10 metres when located in road allowance.

Easements, off right-of-way access and construction workspace

Additional temporary workspace outside of the right-of-way in certain areas may be required in order to access and construct the transmission line. The construction workspace is intended to be primarily used for equipment access during construction, including the potential stringing areas located behind some corner structures.

Final construction workspace and off right-of-way access will be determined following further detailed engineering and construction planning. AltaLink will consult with all affected landowners regarding the potential requirement for construction workspace and off right-of-way access prior to, and during construction of the line. Additional right-of-way for the purposes of guy wires for corner structures will also be required.

Construction workspaces and guy anchor easements are shown on the attached Detail Photo (DP1) map.

Substation upgrades

AltaLink is proposing to add one new 138 kV **circuit breaker** and associated equipment to the Vauxhall Substation to accommodate the new connection. A fence expansion of approximately 35 by 10 metres is required on the southwest side of the substation. This expansion will be located on land owned by AltaLink.

Communications equipment upgrades are required as part of this project to ensure the safe and reliable operation of Solar Krafte's Solstice Substation. AltaLink is proposing to install optical ground wire (OPGW) on the proposed transmission line between Solar Krafte's Solstice Substation and the existing Vauxhall Substation for protection and telecommunications purposes.

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	May 2020 to July 2020
File application with Alberta Utilities Commission (AUC)	December 2020
Start construction if project is approved	September 2021
Construction completed	December 2021

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.

Providing your input

We will contact landowners, residents and occupants near the proposed project to gather input and address questions or concerns. Due to the COVID-19 pandemic, we will be conducting meetings via telephone or electronic methods. After the consultation process is complete we will file an application with the 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*.

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 Solar Krafte Substation:

SOLAR KRAFTE UTILITIES INC.
403-879-9768
Email: engineering@solarkrafte.com
Website: https://www.prairiesunlight.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.

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