ALTALINK
A BERKSHIRE HATHAWAY ENERGY COMPANY

May 2015

Electric system improvements near you

McLaughlin Wind Aggregated Generating Facility 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 McLaughlin Wind Aggregated Generating Facility Connection project and we want your input.

This project will connect Renewable Energy Services Ltd.'s McLaughlin Wind Farm to the electric system, providing Alberta with a new source of renewable energy. Additionally, underground fibre optic cable will be installed at three different geographic locations to provide the required telecommunication links for the project. Please refer to the project details for more information on the location that is nearest to you.

We are providing you with:

- project details
- maps of the proposed project sites
- 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 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/regionalprojects

The proposed structure on the 164AL line will look similar to the structure above.

Project details

The proposed project involves connecting the McLaughlin Wind Farm to the electric system and is located approximately eight kilometres (five miles) east of the Town of Pincher Creek in SW-22-6-29-W4.

We are proposing to construct 120 metres (395 feet) of new 138 kilovolt (kV) transmission line, to be called 164AL, to connect Renewable Energy Service Ltd.'s planned McLaughlin Substation to the existing 164L transmission line.

New transmission line: 164AL

The new transmission line will be single circuit and consist of wood pole structures, approximately 20 metres (65 feet) tall and have a right-of-way approximately 20 metres (65 feet) wide. These new structures will be supported by guy wires.

Modifications to the existing 164L transmission line

To connect the proposed 164AL line to the existing 164L line, two existing structures (164L30 and 164L31, shown on the attached map as point A1 and A3, respectively) and 150 metres (490 feet) of 164L line will need to be salvaged between these two points.

Approximately 150 metres(490 feet) of the 164L line will then be rebuilt on the same alignment with five new steel or wood structures to accommodate the proposed 164AL connection. These structures will be supported by guy anchors and require additional right-of-way space on the west side of the line. Please refer to the included Detail Photo DP1 map for details.

Underground fibre optic cable installation

Fibre optic cable will be installed underground in three separate locations for communication between the McLaughlin Substation and the electric system.

Approximately 400 metres (1300 feet), shown on the Detailed Photo DP1 map, will be buried alongside the 164L line near the McLaughlin Substation in SW-22-6-29-W4.

Approximately 300 metres (985 feet) of cable will be buried alongside the existing 955L line in NW-33-6-29-W4, where it connects to the 164L line, as shown on the Detailed Photo DP2 map.

The third installation, outlined on the Detailed Photo DP3 map, will include 45 metres (148 feet) of buried cable alongside the 164L line near the Drywood Substation in SE-23-4-29-W4.

Electric and Magnetic Fields (EMF)

AltaLink recognizes that people have concerns about exposure to Electric and Magnetic Fields (EMF) and we take those concerns very 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 high voltage transmission lines. 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 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 Needs or Facilities Applications*.

Anticipated project schedule

Notify and consult with stakeholders	May - July 2015
File application with Alberta Utilities Commission (AUC)	October 2015
Start construction if project is approved	March 2017
Construction completed	July 2017

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)
E-mail: stakeholderrelations@altalink.ca
Website: www.altalink.ca/regionalprojects

To learn more about the McLaughlin Wind Farm development:

RENEWABLE ENERGY SERVICES LTD.
Henri Knapen, Operations and Project Manager
1-902-442-8195 or 1-902-476-0996
E-mail: henriknapen@resl.ca
Website: www.resl.ca/projects/late-stage-developments/mclaughlin-wind-farm/

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 Alberta Electric System Operator (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 you may contact the AESO directly or you can make your concerns known to an AltaLink representative who will communicate them to the AESO on your behalf.

To learn more about the application and review process, please contact:

ALBERTA ULTILITIES 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. Collected personal information will be protected under AltaLink's Privacy Policy and the Freedom of Information and Protection of Privacy 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.

INCLUDED IN THIS INFORMATION PACKAGE:

- Project maps
- AUC brochure: *Public Involvement in a proposed utility development*
- AESO Need Overview Document

DID YOU KNOW?

According to the Canadian Electricity Association, Canada's electricity grid was built for a population of about 20 million, but is today servicing around 35 million people. Provinces across Canada, including Alberta, are working to reinforce their aging electric systems so they can continue to provide customers with reliable power.