

Electric system improvements near you

Suncor Granlea Connection Project

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 Suncor Granlea Connection Project and we want your input.

Suncor has requested a connection to the transmission system for their proposed Forty Mile Wind Power Project. The 400 megawatt (MW) Forty Mile Wind Power Project will supply electricity to the grid via two proposed substations: the Granlea Substation and the Maleb Substation. The Granlea Substation will be connected to the grid as part of AltaLink's Suncor Granlea Connection Project. The Maleb Substation will be connected to the grid as part of a different AltaLink project that is already underway, the Suncor Forty Mile Wind Power Project Connection.

For the Suncor Granlea Connection Project, AltaLink is proposing to construct a **transmission** line to connect Suncor's proposed Granlea Substation to the electric system.

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

This project is separate from the Renewable Energy Systems Canada Forty Mile Wind Power Project Connection and the Capital Power Whitley Wind Facility Connection. For more information about projects in the area please see page three of this newsletter.

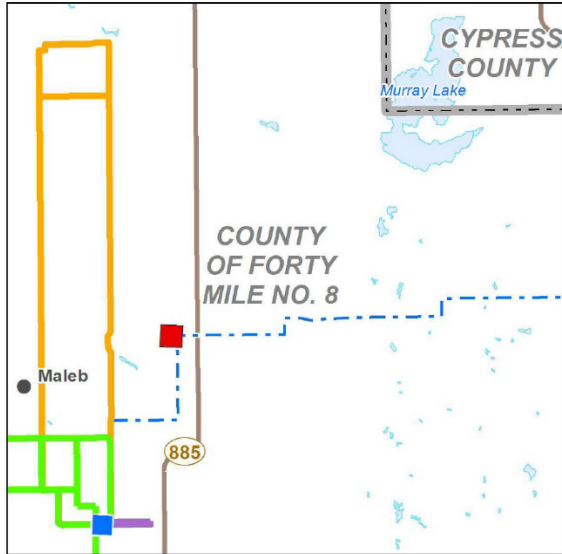
DEFINITION

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



LEGEND	
■	Project Area
■	Existing Substation
---	Existing Transmission Line
●	Hamlet or Locality
---	Municipal or County Boundary
---	Road
■	Water Body
Other AltaLink Projects	
---	Potential Capital Power Whitla Transmission Line
---	Proposed Suncor Forty Mile Transmission Line
---	Proposed RES Forty Mile Transmission Line

For more information about the location of the customer collector substations not shown on this map, please visit our website: www.altalink.ca/projects

Project details

The proposed project is located near the community of Maleb, in SW-35-8-9-W4 in the County of Forty Mile No. 8.

The project involves constructing approximately 230 metres of new transmission line to connect Suncor’s proposed Granlea Substation to AltaLink’s existing 240 kV 964L transmission line. The new line will:

- be a steel pole structure and a steel monopole
- be single-circuit
- be approximately 20 to 35 metres tall
- have a right-of-way width of 30 metres

AltaLink will also install a new underground fibre optic telecommunications cable. The cable will be buried in the transmission right-of-way and will be approximately 230 metres long. The fibre optic cable will allow us to communicate more effectively by providing our control centres with valuable data that will be used to maintain the reliability of Alberta’s electric system.

Additional easement for the purposes of guy wires will also be required and will be discussed with landowners prior to, and during construction of the transmission line. No additional access will be required.



Left: structures on the proposed line will be similar.

Right: structures on the proposed line will be similar, but will be steel.

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.

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. 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	October to December 2017
File application with Alberta Utilities Commission (AUC)	February 2018
Start construction if project is approved	July 2019
Construction completed	September 2019

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.

Other projects in the area

Project name	Description	Newsletter mailing date
Suncor Forty Mile Wind Power Project Connection	This project will connect Suncor's proposed Maleb Substation to the existing Altalink Whitla Substation. Consultation is underway.	August 2017
RES Forty Mile Wind Power Project Connection	This project will connect RES's proposed Forty Mile Substation to the transmission system. Consultation is underway.	September 2017
Capital Power Whitla Wind Facility Connection	This project will connect Capital Power's proposed Shamrock Substation to the transmission system. Consultation is underway.	September 2017

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 Suncor please contact:

SUNCOR

1-866-344-0178 (toll-free)

E-mail: info@suncor.com

Website: www.suncor.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)

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 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.

INCLUDED IN THIS INFORMATION PACKAGE:

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

SUBSCRIBE TO THIS PROJECT

- 1) Visit: altalink.ca/projects
- 2) Search for the project title
- 3) Click **Subscribe to Updates**

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