



February 2022

Electric system improvements near you

Sollair Solar Energy Project Connection

You are receiving this newsletter because you are near the Sollair Solar Energy Project Connection and we want your input.

General Land & Power Corporation (General Land & Power) is proposing to build a new **substation** as part of their Sollair Solar Energy Project. To connect their proposed substation to the grid, AltaLink is proposing upgrades to its **transmission** system in the area.

Although AltaLink's project is required to connect the General Land & Power project, it is a separate project. General Land & Power will consult separately on their proposed substation and project. For more information about the Sollair Solar Energy Project, see their contact information on the back of this newsletter.

We are providing you with:

- project details
- maps of the proposed project
- information about how you can provide your input
- the project schedule

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.

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.

Transmission

Transmission lines make up Alberta's electric highway, linking the places where power is generated to where power is used. Transmission lines transport large amounts of power over long distances 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

Project details

AltaLink's proposed project is located within the Airdrie city limits and Rocky View County.

To connect the Sollair Substation to the electric system, AltaLink's proposed project includes:

- adding one new structure and modifying two adjacent structures on the existing 138 kilovolt (kv) transmission line (called 688L) located in SW-26-27-29-W4
- building approximately 40 metres of new 138 kV transmission line (called 688BL) between 688L and the Sollair Substation
- installing approximately 14 kilometres of new underground **fibre optic telecommunications cable** between the East Airdrie, Sollair, Summit, and Nose Creek Substations

Transmission structure

The proposed new structure on the existing 688L and proposed 688BL transmission lines will:

- be a monopole structure and may require guy wires
- be wood or steel
- be approximately 14-25 metres tall
- have a **right-of-way** of approximately 25 metres

Fibre optic telecommunications cable

Two underground fibre route options are being proposed between the Nose Creek and Summit Substations, however only one route will be constructed.

The proposed routes are primarily within existing AltaLink transmission line rights-of-way and government road allowance. If a segment of the fibre optic cable is required on private land, a right-of-way of six metres will be needed. The fibre optic cable will be buried a minimum of one metre underground. AltaLink will contact any impacted landowners directly to discuss right-of-way requirements.

Please refer to the attached Detail Photo Map (DP1) and Strip Mosaic Map for the location of the proposed transmission line and underground fibre optic cable.

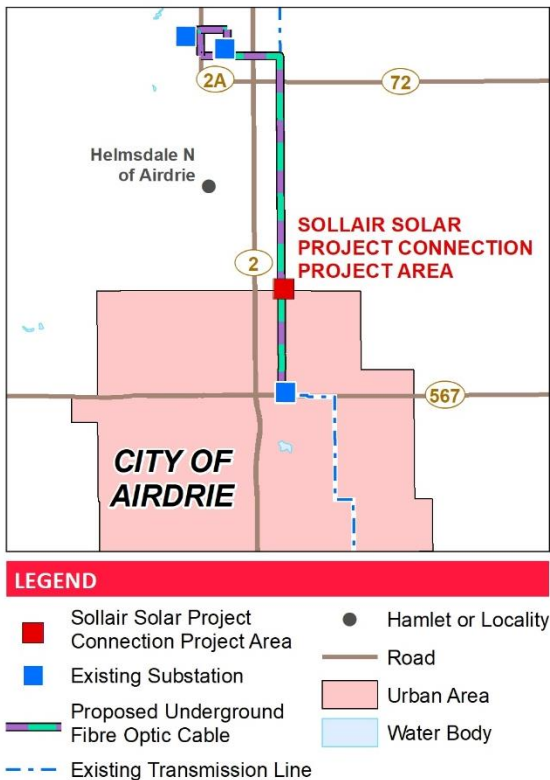
DEFINITIONS:

Right-of-way

A **right-of-way (ROW)** is a strip of land required for the construction, maintenance and safe operation of a transmission line. A ROW refers to the physical space in which a transmission line is located and includes areas on either side of the transmission line structures and the conductors, which are the wires that carry the electricity.

Fibre Optic Telecommunications Cable

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.



The new structure will look similar to the photo above.

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

Keeping the lights on during COVID-19

AltaLink is closely monitoring the spread of COVID-19. Our priority is maintaining the health and safety of our employees, contractors, and the general public while ensuring that we can continue to operate our system and keep the lights on for Albertans.

Providing your input

At this time we are limiting in-person meetings and will be conducting the majority of meetings via telephone or electronic methods. If you'd like to provide input, you can also do so through our online feedback portal, found here: www.altalink.ca/projectfeedback. As the situation regarding COVID-19 changes we will re-assess this approach. We will update you as the situation evolves. Our focus is ensuring the lights stay on, and that you have the electricity you need.

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	February/March 2022
File application with Alberta Utilities Commission (AUC)	June 2022
Start construction if project is approved	October 2022
Construction completed	December 2022

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:

ALTA LINK

1-877-267-1453 (toll free)

E-mail: stakeholderrelations@altalink.ca

Website: www.altalink.ca/projects

To learn more about Sollair's proposed project please contact:

Chris Berry

1-833-345-2637

E-mail: info@sollair.ca

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)

E-mail: stakeholder.relations@aeso.ca

Website: www.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.)

E-mail: consumer-relations@auc.ab.ca

OUR COMMITMENT TO SUSTAINABILITY

If the Alberta Utilities Commission (AUC) approves this project, you may see or hear construction crews in the area. We have set strict standards by which we operate, including restricting work hours to reduce the impacts to local residents and businesses, ensuring safe construction practices and following environmental protection measures and appropriate environmental legislation. AltaLink believes that the environmental effects of this project will be negligible. This project is not located on federal lands, therefore Canadian Environmental Assessment Act, 2012 does not apply. AltaLink's safety standards and practices are developed to meet or exceed government guidelines and codes to ensure that our facilities meet the requirements for public, employee and neighbouring facility safety.

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.

INCLUDED IN THIS INFORMATION PACKAGE:

- Project maps
- COVID-19 Letter
- AESO Need Overview
- AUC brochure: *Participating in the AUC's independent review process*

SUBSCRIBE TO THIS PROJECT

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

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