

DECEMBER 2025

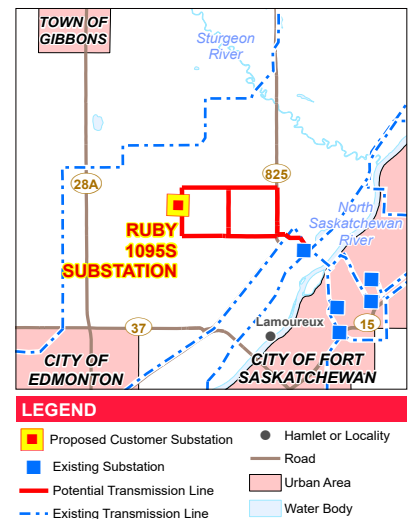


Lamoureux Ruby Solar Battery Connection

You are receiving this newsletter because you are near the Lamoureux Ruby Solar Battery Connection project, and we want your input.

To accommodate the Lamoureux Solar STL Inc (Lamoureux Solar) Lamoureux Ruby Solar Battery Connection, AltaLink is proposing changes to its transmission system. The project is located approximately six kilometres (km) northwest of the City of Fort Saskatchewan.

AltaLink’s connection and the Lamoureux Ruby Solar Battery project are separate. For more information about the Lamoureux Ruby Solar Battery project, see Lamoureux Solar’s contact information included in this newsletter.



ANTICIPATED PROJECT SCHEDULE

<p>DECEMBER 2025 - OCTOBER 2026 Notify and consult with stakeholders</p>	<p>NOVEMBER 2026 File application with Alberta Utilities Commission (AUC)</p>	<p>FEBRUARY 2028 Start construction if project is approved</p>	<p>AUGUST 2028 Construction completed</p>
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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.



An example of the proposed Monopole structure



The new circuit breaker will look similar to the picture above

Project details

To connect their proposed solar battery project to the grid, Lamoureux Solar plans to construct a new **substation**, named Ruby 1095S.

AltaLink is proposing changes to its system to accommodate the connection of Lamoureux's Ruby Solar Battery project, including:

- constructing approximately seven km of new 138 **kilovolt (kV)** transmission line (to be called 325L) along one of three potential routes from Lamoureux's Ruby 1095S substation to AltaLink's existing Lamoureux 71S substation
- installing a new **circuit breaker** and associated equipment within the Lamoureux 71S substation
- installing **optical grounding wire (OPGW)** between the Ruby 1095S substation and Lamoureux 71S substation

Proposed transmission line routes

AltaLink has identified three potential route options for the new 325L transmission line. The potential routes for the transmission line are shown on the maps included in this package.

AltaLink takes several factors into consideration in an effort to find routes with low overall environmental, social and economic effects. In addition to stakeholder input, we also consider other impacts, including residential, agricultural, environmental, visual and cost.

The input we receive from stakeholders will be used to help us determine the final routes we include in the application we file with the Alberta Utilities Commission (AUC). The AUC will review the application and can approve, approve with conditions, or deny the project. If the project is approved by the AUC, only one of the routes will be built.

Proposed structures

The proposed structures on the new 325L transmission line will be:

- primarily monopole structures and H-frame structures
- made of wood or steel
- between 15 and 30 metres (m) tall

Specialized structures may be required in some locations on each route based on engineering requirements. These structures may be taller than the heights listed above, and will be discussed with impacted stakeholders.

Most structures could be located on private land, within road allowance, or a combination of both. Some structures will be located on crown land.

A **right-of-way** approximately 20 m will be required where the route is proposed on private land. A right-of-way of approximately 10 m on private land will be required where the route is proposed in road allowance. Please see the included maps for details.

Construction workspace

To facilitate construction, access trails and temporary workspace may be required. Construction workspace is required for the safe construction of the transmission line. AltaLink will consult with affected stakeholders regarding potential construction workspace and access trails.

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: 1-877-267-1453



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.

Kilovolt (kV) | A kilovolt is equal to one thousand volts and is commonly used when describing transmission and distribution lines. AltaLink's transmission lines range from 69 kV (69,000 volts) to 500 kV (500,000 volts). Light bulbs typically range from 120 to 300 volts.

Circuit Breaker | Circuit breakers are electrical switches inside a substation that protect substation equipment. Circuit breakers help ensure the safety and reliability of the electric system.

Overhead Optical Ground Wire (OPGW) |

Overhead optical ground wire (OPGW) provides lightning protection for a transmission line and is part of the telecommunication network that allows AltaLink to monitor, control, protect and restore the electric system.

Right-of-way | The right-of-way is a strip of land required for the construction and safe operation of a transmission line. A right-of-way refers to the physical space a transmission line encompasses including areas on either side of the line. The majority of the right-of-way can still be used by the landowner. Buildings cannot be placed on the right-of-way, but can be built up to the edge of the right-of-way.

**INCLUDED
IN THIS
INFORMATION
PACKAGE:**

- Project maps
- AUC brochure: *Participating in the AUC's independent review process to consider facility applications*
- AESO need overview

Providing your input

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

After our consultation and notification process is complete, we will file an application with the Alberta Utilities Commission (AUC).

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 to consider facility applications*.

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 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.

Contact us

To learn more about the proposed project please contact:

ALTALINK

1-877-267-1453 (toll free)

E-mail: stakeholderrelations@altalink.ca

To subscribe to this project:

visit www.altalink.ca/projects, search for the project title, and click 'subscribe to updates'

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.

To learn more about Lamoureux Solar STL Inc.'s project, please contact:

Don Scantland

Email: don@canwestsolar.com

Phone: 780-242-7621

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)

Email: 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)

Email: consumer-relations@auc.ab.ca

Let's talk transmission



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