

NOVEMBER 2025

St. Albert Villeneuve Solar Connection

You are receiving this newsletter because you are near the St. Albert Villeneuve Solar Connection project, and we want your input.

To connect St. Albert Solar STL Inc.'s (St. Albert Solar), St. Albert Villeneuve Solar project, to the grid, AltaLink is proposing changes to its **transmission** system. The project is located approximately five kilometres (km) northeast of Spruce Grove.

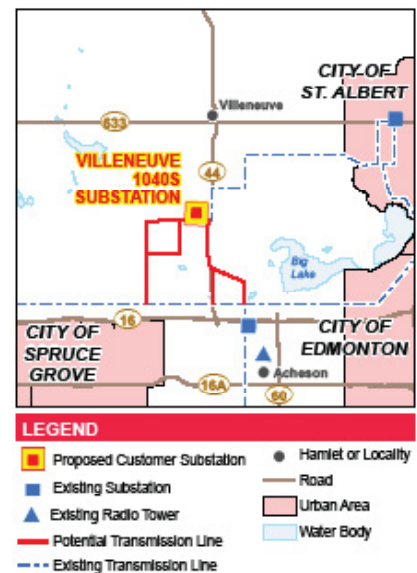
AltaLink's connection project and the St. Albert Villeneuve Solar project are separate. For more information about the St. Albert Villeneuve Solar project, see St. Albert Solar's contact information included in this newsletter.

Project details

To connect their proposed solar project to the grid, St. Albert Solar plans to construct a new **substation**, named Villeneuve 1040S.

AltaLink is proposing changes to its system to accommodate the connection of the St. Albert Villeneuve Solar project, including:

- constructing between five to seven km of new 240 **kilovolt (kV)** transmission line (to be named 905AL) along one of four potential routes
- installing a new **telecommunications tower** located within the Villeneuve 1040S Substation



ANTICIPATED PROJECT SCHEDULE

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



Proposed transmission line routes

AltaLink has identified four potential route options for the new 905AL 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 905AL transmission line will be:

- primarily monopole structures and H-frame structures
- made of wood or steel
- between 25 and 45 metres (m) tall

The structures could be located on private land, within road allowance, or a combination of both; AltaLink will consult with affected landowners. Please see the included maps for details.

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.

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.

Telecommunications tower

The proposed telecommunications tower will:

- be located within the Villeneuve 1040S Substation in SE-31-53-26-W4
- be a self-supported steel structure with triangular base
- be up to approximately 40 m in height (including the antenna and lightning rod)
- comply with Transport Canada's requirements regarding painting and lighting
- not be accessible to the public, as the structure will be inside the fenced area of an operating substation and only support AltaLink equipment at this time

Please see the maps included in this package for location details of all work that is proposed for this project.



Top photo: The proposed H-Frame structure for the 905AL transmission line.

Middle photo: The proposed monopole structure for the 905AL transmission line.

Bottom photo: The new telecommunications tower proposed for this project.

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



Radio Frequency (RF)

Telecommunication towers use Radio Frequency (RF) signals to transmit and receive information. The point-to-point signals travel along a focused path at low power levels and are well below recommended safety limits.

Licensed radio links on a telecommunications tower will not impact any other licensed telecommunication frequencies used by cellular phones, over-the-air television, satellite, radio, or GPS.

The telecommunication tower described in this notification will be installed and operated on an ongoing basis to be in compliance with Health Canada's Safety Code 6, which defines safe levels of RF exposure.

To ensure the structural adequacy of the tower, the design and installation will follow industry standards and sound engineering practices.

For general information relating to telecommunications systems, please contact:

Innovation, Science and Economic Development Canada

1-800-267-9401 (toll free in Canada)

Website: www.ic.gc.ca/towers

DEFINITIONS:

Transmission | Transmission lines are 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 generation.

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.

Telecommunications tower | Telecommunications towers support equipment that transmits data to our system control centre. This allows us to monitor the operation of the electric system and ensure we provide safe and reliable power to our customers.

**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*.

ATTEND OUR PUBLIC EVENT

We want to hear your thoughts and concerns to help us understand what is important to you as we move forward with the project.

Please join AltaLink and St. Albert Solar at a joint public event in the project area. Members of our consultation, environment, electrical effects and siting teams will be available alongside representatives from St. Albert Solar to discuss the project during the sessions.

Spruce Grove	Thursday, Feb. 5, 2026	Parkland Village Community Centre #60 53222 Range Road 272 Spruce Grove, AB, T7X 3N7	4 p.m. - 7 p.m.
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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 the St. Albert 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



www.facebook.com/altalinktransmission



www.x.com/altalink



Chef de file en matière d'électricité durable

