

# Electric system improvements near you

## Prominence Solar Project Connection

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

To connect PR Development L.P.'s (PR Development) Prominence Solar Project to the grid, AltaLink is proposing changes to its **transmission** system in the area.

Although AltaLink's project is required to facilitate the connection of PR Development's project, it is a separate project. PR Development will consult separately on their proposed project. For more information about PR Development, see their contact information on the back of this newsletter.

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

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](http://www.altalink.ca).

#### DEFINITIONS:

#### **Transmission**

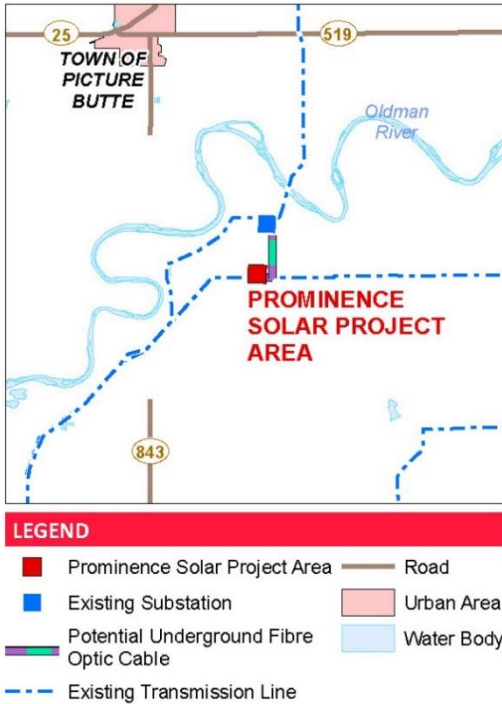
Transmission lines make up Alberta's electric highway, linking the places where power is generated to where power is used. Transmission lines transport large amounts of power over long distances across the province. The transmission system connects diverse sources of power generation including wind, solar, natural gas and more.

#### CONTACT US

1-877-267-1453

[stakeholderrelations@altalink.ca](mailto:stakeholderrelations@altalink.ca)

[www.altalink.ca/projects](http://www.altalink.ca/projects)



## Project details




PR Development’s proposed Prominence Solar Project is located in Lethbridge County in SE-14-10-21-W4, approximately six kilometres (km) southeast of the Town of Picture Butte.

To connect PR Development’s project to the grid, AltaLink is proposing to:

- modify the existing 138 kilovolt (kV) transmission line (called 172L) by:
  - removing one existing structure
  - adding two structures called line switches and one monopole structure (see more in the table below)
- construct approximately 80 metres (m) of new single circuit 138 kV transmission line
- install approximately two km of buried **fibre optic cable** between PR Development’s proposed Elder Substation and AltaLink’s existing Picture Butte Substation

Please see the detailed photo map included in this package for more details.

## Proposed transmission structures

	New structures on the existing 172L transmission line		New transmission line
	Line switch	Monopole	H-frame
			
<b>Type</b>	Steel H-frame	Steel or wood monopole	Steel or wood H-frame
<b>Height</b>	Between 15 and 20 m	Between 20 and 25 m	Between 20 and 25 m
<b>Location</b>	Within road allowance and on land leased by PR Development	Within road allowance	On land leased by PR Development

### DEFINITION:

#### **Fibre optic cable**

AltaLink’s fibre optic cables transmit data signals between substations and are part of a larger telecommunications system in Alberta. This telecommunications system allows AltaLink control centres to actively monitor the electric system, ensuring it runs safely and reliably.

## 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](http://www.altalink.ca/emf)

Email: [emfdialogue@altalink.ca](mailto: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. Our priority is maintaining the health and safety of our employees, contractors, and the general public, while ensuring that we are able to continue to operate our system and keep the lights on for Albertans. We will follow any requested COVID-19 safety protocols for in-person meetings and accommodate your preferred meeting options, including over the phone, virtual or in-person. You can also provide input through our online feedback portal, found here: [www.altalink.ca/projectfeedback](http://www.altalink.ca/projectfeedback).

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	November to December 2022
File application with Alberta Utilities Commission (AUC)	July 2023
Start construction if project is approved	January 2024
Construction completed	April 2024

*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:*

### **ALATALINK**

1-877-267-1453 (toll free)

Email: [stakeholderrelations@altalink.ca](mailto:stakeholderrelations@altalink.ca)

Website: [www.altalink.ca/projects](http://www.altalink.ca/projects)

*To learn more about the Prominence Solar project, please contact:*

### **PR DEVELOPMENT L.P.**

Samantha Brown

SABR Energy Consulting Inc., on behalf of Potentia Resources

587-434-7547

Email: [sbrown@sabreenergyconsulting.com](mailto:sbrown@sabreenergyconsulting.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

Email: [stakeholder.relations@aeso.ca](mailto: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](http://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 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)

Email: [consumer-relations@auc.ab.ca](mailto: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](http://www.altalink.ca/privacy) or contact us directly via e-mail [privacy@altalink.ca](mailto:privacy@altalink.ca) or phone at 1-877-267-6760.

## INCLUDED IN THIS INFORMATION PACKAGE:

- Project map
- AUC brochure: *Participating in the AUC's independent review process*
- AESO need overview

## SUBSCRIBE TO THIS PROJECT

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

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