

SEPTEMBER 2024



Sunrise Solar Connection

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

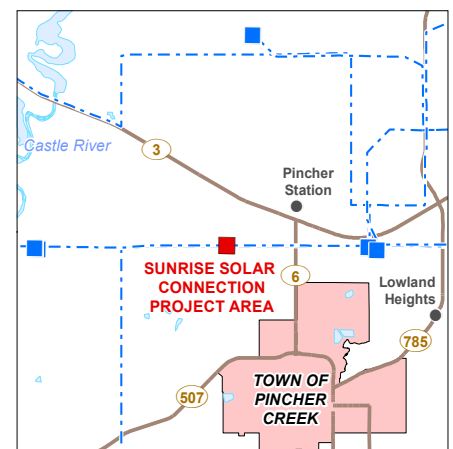
To connect Sunrise Solar Project Limited Partnership’s (Sunrise Solar) proposed Sunrise Solar Project to the grid, AltaLink is proposing changes to its transmission system. The project is located in the Municipal District of Pincher Creek, approximately five kilometres north of the Town of Pincher Creek.

AltaLink’s and Sunrise Solar’s projects are separate. Sunrise Solar will consult on their proposed project. For more information about Sunrise Solar’s project, see their contact information included in this newsletter.

Project details

To connect their proposed project to the grid, Sunrise Solar is constructing a new **substation**, called Colony. AltaLink is proposing changes to accommodate the connection of the project, including:

- constructing approximately 180 metres of new 138 kilovolt (kV) transmission line (to be named 412AL) to connect the Colony Substation to the grid
- modifying AltaLink’s existing 412L transmission line to connect to 412AL
- installing between 250 metres and 1.5 kilometres of underground **fibre optic cable**



LEGEND

- Sunrise Solar Connection Project Area
- Existing Substation
- - - Existing Transmission Line
- Hamlet or Locality
- Road
- Urban Area
- Water Body

Proposed structures

AltaLink is proposing to construct approximately 180 metres of new transmission line, called 412AL. The proposed new structures that will be built for the new line will be either monopoles or H-frames between 12 and 30 metres tall, and may be made from wood or steel.

ANTICIPATED PROJECT SCHEDULE

SEPTEMBER 2024 TO JANUARY 2025
 Notify and consult with stakeholders



FEBRUARY 2025
 File application with Alberta Utilities Commission (AUC)



AUGUST 2026
 Start construction if project is approved



DECEMBER 2026
 Construction completed

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.

The modifications to the existing 412L transmission line will include the addition of two new monopole structures. These are proposed to be between 12 and 35 metres tall and may be made from wood or steel.

All new structures will be located primarily on land owned by Sunrise Solar, with some located one metre within the road allowance. Please see the included map for more details.



Left: The monopole structures will look similar to the photo on the left.

Middle: The H-frame structures will look similar to the middle photo.

Right: The underground conduit box will look similar to the image on the right.



Fibre optic cable

As part of this project, AltaLink is proposing to install fibre optic cable. There are two proposed fibre optic options due to other pending transmission projects in the area:

Option 1: We propose to install approximately 1.5 kilometres of fibre optic cable between the proposed Colony Substation and the north side of Highway 3.

Option 2: We propose to install approximately:

- 150 metres of fibre optic cable between between the 412L transmission line and the proposed Colony Substation within an existing transmission line right-of-way
- 100 metres between the 185L/412L transmission line and AltaLink's existing Pincher Creek Substation within an existing transmission line right-of-way

In certain locations, an underground conduit box may be required to facilitate construction and maintenance of the cable. The conduit boxes are approximately 90 centimetres long by 60 centimetres wide. These locations will be determined following detailed engineering and discussions with landowners.

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). 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 to consider facility applications*.

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.

Fibre optic cable | This allows us to communicate effectively between a customer connection point or substation and our control centre. It provides valuable data that is used to maintain the reliability of Alberta's electric system.

INCLUDED IN THIS INFORMATION PACKAGE:

- Project map
- AESO need overview
- AUC brochure: *Participating in the AUC's independent review process to consider facility applications*
- Electric and Magnetic Fields Information

Contact us

To learn more about the proposed project please contact:

ALTALINK

1-877-267-1453 (toll-free)

Email: 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 email (privacy@altalink.ca) or phone (1-877-267-6760).

To learn more about the Sunrise Solar Project, please contact:

Sunrise Solar Project Limited Partnership

Brookfield Renewable General Counsel, on behalf of Sunrise Solar

819-360-4325

Email: legal.department.na@brookfieldrenewable.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)

Email: 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 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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