

AUGUST 2024

# Rising Sun Solar Project Connection

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

To connect Rising Sun Inc.'s solar project to the grid, AltaLink is proposing a new transmission line and other changes to its transmission system. The project is located in the Municipal District of Provost No. 52, approximately 12 kilometres west of Provost.

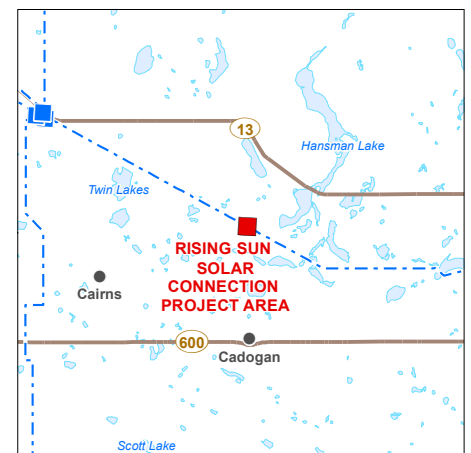
AltaLink's and Rising Sun Inc.'s projects are separate. Rising Sun will consult on their proposed project. For more information about Rising Sun's project, see their contact information included in this newsletter.

## Project details

To connect their proposed solar project to the grid, Rising Sun plans to construct a new **substation**, also named Rising Sun.

AltaLink is proposing changes to its system to accommodate the connection of Rising Sun's project, including:

- constructing up to 3.5 kilometres of new 138 kilovolt (kV) transmission line (to be named 715BL) along one of two potential routes
- adding one structure on AltaLink's existing 715L transmission line to accommodate the connection to the proposed 715BL
- installing **optical ground wire** on the new 715BL transmission line
- removing and salvaging approximately 30 metres of conductor on the 715L transmission line at the existing Metiskow Substation
- installing a new **telecommunications tower** in Rising Sun's proposed substation



### LEGEND

- Rising Sun Solar Connection Project Area
- Existing Substation
- - - Existing Transmission Line
- Hamlet or Locality
- Road
- Water Body

## ANTICIPATED PROJECT SCHEDULE

<p><b>AUGUST 2024 TO JANUARY 2025</b> Notify and consult with stakeholders</p>	<p><b>JANUARY 2025</b> File application with Alberta Utilities Commission (AUC)</p>	<p><b>SEPTEMBER 2025</b> Start construction if project is approved</p>	<p><b>MARCH 2026</b> 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.

## Potential transmission line routes

AltaLink has identified two potential routes options for the new 715BL transmission line. If approved by the Alberta Utilities Commission (AUC), only one of these options will be constructed. More information about the proposed locations can be found on the included map.

Location	Route details
West route	<p>Involves installing approximately 3 kilometres of new transmission line.</p> <p>The proposed structures will be:</p> <ul style="list-style-type: none"> <li>• monopole structures</li> <li>• made of steel or wood</li> <li>• between 18 and 22 metres tall</li> </ul>
East route	<p>Involves installing approximately 3.5 kilometres of new transmission line.</p> <p>The proposed structures will be:</p> <ul style="list-style-type: none"> <li>• primarily H-frame structures with some monopole structures</li> <li>• made of steel or wood</li> <li>• between 17 and 26 metres tall</li> </ul>



For the proposed 715BL transmission line, the monopole structures will look similar to the photo on the left, and the H-frame structures will look similar to the photo on the right.

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.

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

AltaLink is proposing to install a new **telecommunications tower** to help maintain the safety and reliability of the electric system in the area.

The proposed telecommunications tower will:

- be located within Rising Sun's new substation in NE-11-39-4-W4
- be a self-supported steel structure
- be approximately 50 to 60 metres tall (including the antenna and lightning rod) and have a triangular base
- 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

The location of the telecommunications tower is shown on the map included in this package.

The telecommunications tower will look similar to the photo on the left.

### 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.

**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.

**Optical ground wire** | This equipment provides lightning protection and is part of a telecommunication network that allows AltaLink to monitor, control, protect, and restore the electric system.

## 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*.

### INCLUDED IN THIS INFORMATION PACKAGE:

- Project map
- AESO Need Overview
- Electric and Magnetic Fields and Radio Frequency
- AUC brochure: *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](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.

## Contact us

To learn more about the proposed project please contact:

### ALTALINK

1-877-267-1453 (toll free)  
E-mail: [stakeholderrelations@altalink.ca](mailto:stakeholderrelations@altalink.ca)

To subscribe to this project: visit [www.altalink.ca/projects](http://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-legal](http://www.altalink.ca/privacy-legal) or contact us directly via e-mail [privacy@altalink.ca](mailto:privacy@altalink.ca) or phone at 1-877-267-6760.

To learn more about the Rising Sun Inc. project, please contact:

### Samantha Brown

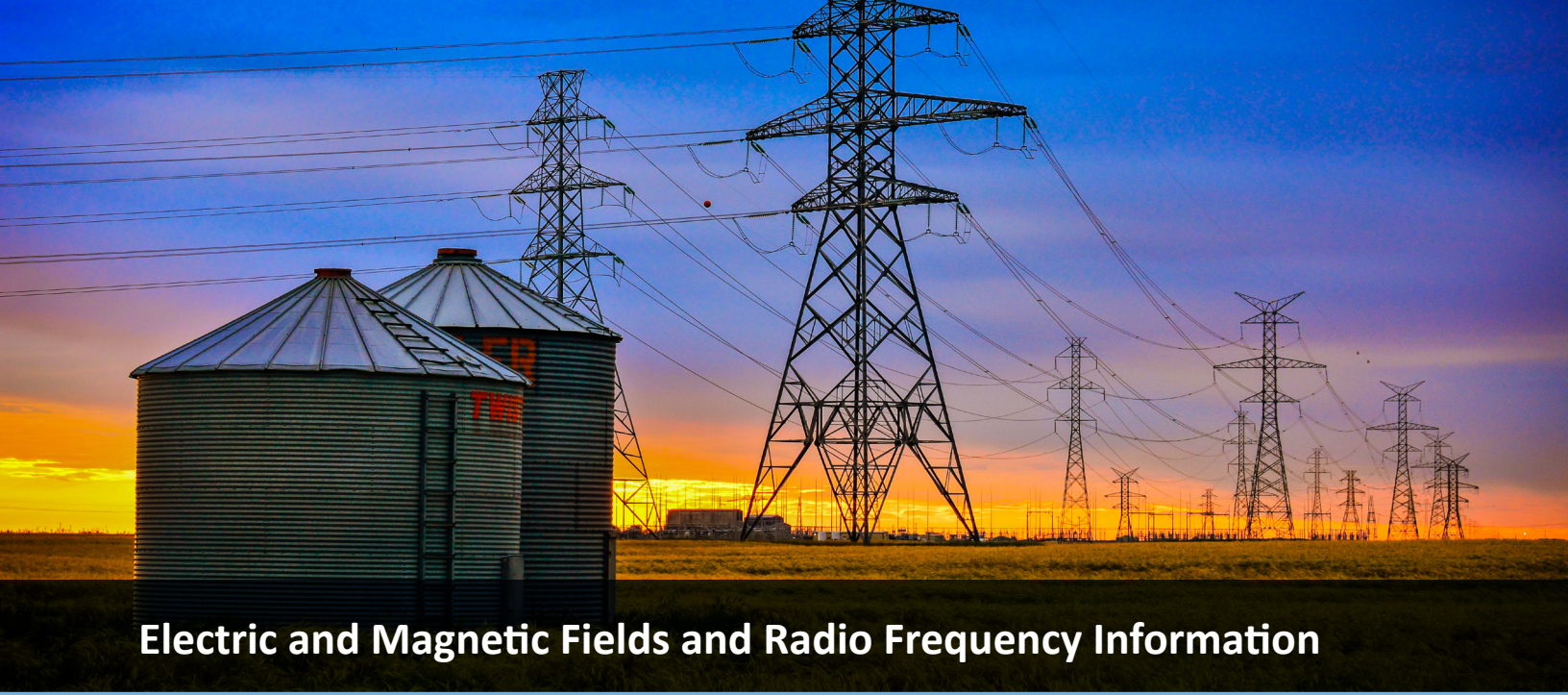
SABR Energy Consulting Inc., on behalf of Rising Sun Inc.  
587-434-7547  
[sbrown@sabreenergyconsulting.com](mailto:sbrown@sabreenergyconsulting.com)

To learn more about Alberta's electric system and the need for the project, please contact:

### Alberta Electric System Operator

1-888-866-2959 (toll-free)  
Email: [stakeholder.relations@aeso.ca](mailto:stakeholder.relations@aeso.ca)  
Website: [www.altalink.ca/projects](http://www.altalink.ca/projects)

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 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.



## Electric and Magnetic Fields and Radio Frequency Information

### Electric and Magnetic Fields (EMF)

AltaLink recognizes that people have concerns about exposure to Electric and Magnetic Fields (EMF) and we take those concerns very seriously. Everyone in our society is exposed to 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 have been conducting and reviewing research about EMF for more than 40 years. Based on this research, these organizations have not recommended the general public take steps to limit their everyday exposure to EMF from high voltage transmission lines.

If you have any questions about EMF please contact us.

Website: [www.altalink.ca/safety-and-preparedness/emf](http://www.altalink.ca/safety-and-preparedness/emf)

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

Toll-free phone number: 1-866-451-7817

### 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](http://www.ic.gc.ca/towers)

Let's talk transmission



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Sustainable  
Electricity  
Leader



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matière d'électricité  
durable

