

# Electric system improvements near you

Enterprise Solar Connection



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

Enterprise Solar GP Inc., on behalf of Enterprise Solar LP, owned by Renewable Energy Systems Canada Inc. (Enterprise Solar) is proposing to build a new substation and **transmission** line as part of their Enterprise Solar project. To connect their proposed facility to the grid, modifications to AltaLink's existing 161L/180L transmission line are required.

Although AltaLink's project is required to facilitate the connection of Enterprise Solar's project, it is a separate project. Enterprise Solar will consult separately on their proposed transmission line, substation and facility. For more information about the Enterprise Solar project, please 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).

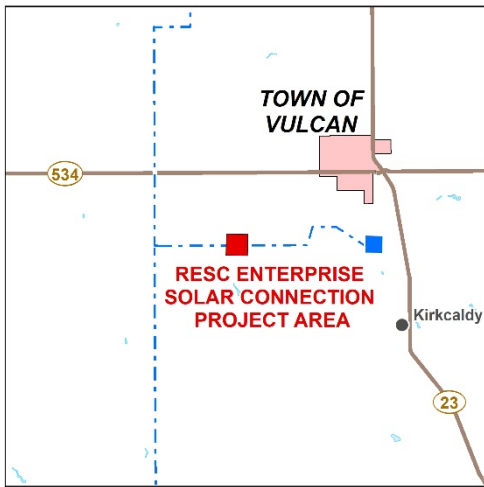
DEFINITION:




## **Transmission**

Transmission lines make up Alberta's electric highway, linking the places where power is generated to your community where power is used. Transmission lines transport large amounts of power from power plants across the province. The transmission system connects diverse sources of power generation including wind, high-efficiency coal, 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)

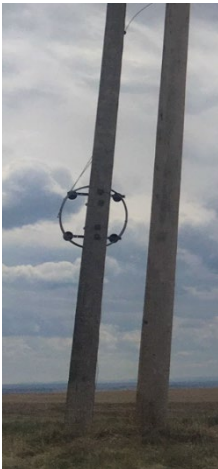


LEGEND	
<span style="color: red;">■</span>	RESC Enterprise Solar Connection Project Area
<span style="color: blue;">■</span>	Existing Substation
<span style="color: blue;">---</span>	Existing Transmission Line
●	Hamlet or Locality
	Road
	Urban Area
	Water Body



*The structure proposed for upgrades looks similar to the one shown above.*

*An image of a splice box is shown below.*



## Project details

AltaLink's proposed project is located in Vulcan County, approximately five kilometres southwest of the Town of Vulcan.

To connect the Enterprise Solar project to the grid, AltaLink is proposing modifications to two existing structures on an existing double circuit 138 kilovolt (kV) transmission line (called 161L/180L). This transmission line is located within the road allowance south of SW-26-16-25-W4. The proposed modifications will occur on the 161L circuit.

The proposed modifications to AltaLink's existing structures include the installation of additional hardware. AltaLink is proposing to modify one existing structure (called 161L398) by converting it into a T-tap structure, which will allow for the connection of Enterprise Solar's transmission line to the grid. A splice box will also be added to two structures (called 161L397 and 161L398) in order to accommodate the connection of the Enterprise Solar's fibre optic cable. The existing structures will remain similar in appearance to how they look currently.

Communications equipment upgrades are required as part of this project to ensure the safe and reliable operation of Enterprise Solar's Substation. AltaLink is proposing to replace the existing overhead optical ground wire (OPGW) with new OPGW between structures 161L397 and 161L398 at the splice box locations. OPGW is used for protection and telecommunications purposes.

Temporary guy wires may be required during construction at structures 161L397 and 161L398. The temporary guy wires, if needed, will be located within the road allowance, in line with the existing transmission line. The temporary guy wires would be removed once construction has been completed.

## Off right-of-way access and construction workspace

Additional temporary construction workspace will be required on private land and in road allowance in order to access and modify the structure. The construction workspace is intended to be used primarily for equipment access during completion of the work.

Where private land access is required, AltaLink will contact stakeholders accordingly. Construction workspace is shown on the attached Detail Photo (DP1) map.

## 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

## Anticipated project schedule

Notify and consult with stakeholders	March to April 2021
File application with Alberta Utilities Commission (AUC)	June 2021
Start construction if project is approved	October 2021
Construction completed	December 2021

*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.*

## Keeping the lights on during COVID-19

AltaLink is closely monitoring the spread of COVID-19. Our priority is maintaining the health and safety of our employees, contractors, and the general public while ensuring that we can continue to operate our system and keep the lights on for Albertans.

## Providing your input

At this time we are limiting in-person meetings and will be conducting the majority of meetings via telephone or electronic methods. If you'd like to provide input, you can also do so through our online feedback portal, found here: [www.altalink.ca/projectfeedback](http://www.altalink.ca/projectfeedback). As the situation regarding COVID-19 changes we will re-assess this approach. We will update you as the situation evolves. Our focus is ensuring the lights stay on, and that you have the electricity you need.

After our 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*.

## 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)

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

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

### **ENTERPRISE SOLAR GP INC.**

Ron Galbraith, Land Agent & Community Relations

403-866-6469

Email: [ron.galbraith@res-group.com](mailto:ron.galbraith@res-group.com)

Website: <https://www.res-group.com/en>

*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

E-mail: [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)

E-mail: [consumer-relations@auc.ab.ca](mailto:consumer-relations@auc.ab.ca)

## INCLUDED IN THIS INFORMATION PACKAGE:

- Project map
- COVID-19 update
- AESO Need Overview
- AUC brochure: *Participating in the AUC's independent review process*

### **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.

## 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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