

## **APPENDIX C    AESO PIP**

## 1. Introduction

From March 2021 to August 2021, the AESO conducted a Participant Involvement Program (PIP) to assist in preparing its *Enterprise Solar Project Connection Needs Identification Document (NID)*. The AESO required the Market Participant, Enterprise Solar GP Inc. (Enterprise Solar), to assist the AESO in providing notification as part of the AESO's PIP. The AESO also directed the legal owner of transmission facilities (TFO), in this case AltaLink Management Ltd., in its capacity as general partner of AltaLink, L.P., to assist the AESO in providing notification as part of the AESO's PIP.

The AESO's PIP is designed to notify the parties notified in Enterprise's PIP for the Proposed Enterprise Development, the TFO's PIP for the Proposed AltaLink Development, and any other parties that the AESO determines may have an interest in the needs identification document, including, but not limited to:

- i. occupants, landowners or residents;
- ii. local authorities, agencies and government which have responsibilities related to electric transmission line development;
- iii. First Nations and Métis; and
- iv. market participants

(collectively, Stakeholders).

The AESO's PIP has been conducted in accordance with the requirements of Section 6.2.2, NID27 and Appendix A2 of the current Alberta Utilities Commission (Commission) Rule 007 (AUC Rule 007), effective August 1, 2019, as well as AUC Bulletin 2020-13, effective April 7, 2020.

## 2. Stakeholder Notification

The AESO developed a one-page AESO Need Overview document with the purpose of notifying Stakeholders of the following items:

- a description of the need for development;
- a description of the AESO's preferred option to respond to the system access service request;
- identification of the general area where facilities could be installed to implement the AESO's preferred option to respond to the system access service request;
- the AESO's contact information, including telephone, email and website, for further information; and
- the AESO's next steps, including the AESO's intention to apply to the Commission for approval of the need.

A copy of the Need Overview was posted to the AESO website at <https://www.aeso.ca/grid/projects/enterprise-solar-project-connection/> and a notice was published in the AESO Stakeholder Newsletter on March 30, 2021. Copies of the Need Overview posting and the AESO Stakeholder Newsletter notice have been included as Attachments 1 and 2, respectively. The Need Overview was also included with Enterprise's and the TFO's project-specific information packages that were distributed to Stakeholders, as further described in Section 2.1 and 2.2.

## 2.1 Stakeholders Notified in Enterprise’s PIP

Enterprise has advised the AESO that its PIP for the Proposed Enterprise Development included notification within 800 meters of the proposed transmission line as recommended by the Commission in Appendix A1 of AUC Rule 007.<sup>1</sup>

Enterprise notified a total of approximately 13 Stakeholders, of which 3 were classified as private or individual landowners. The other 10 notified Stakeholders and Enterprise’s rationale for their inclusion in the PIP are listed in Table 1.

**Table 1: Summary of Notified Agency and Industry Stakeholders Notified by Enterprise**

Stakeholder	Enterprise’s Rationale for Inclusion in the PIP
Alberta Environment and Parks	Provincial requirements
AltaLink	Transmission Facility Owner in the Project notification area
Canadian Natural Resources Limited	Mineral Rights Owner in the Project notification area
Crescent Point Energy Corp.	Pipeline Owner in the Project notification area
Ministry of Culture, Multiculturalism and Status of Women	Provincial requirements
Prairiesky Royalty Ltd.	Mineral Rights Owner in the Project notification area
Signalta Resources Limited	Mineral Rights Owner in the Project notification area
Sunshine Gas Co-op Ltd.	Pipeline Owner in the Project notification area
Twin Valley Regional Water Commission c/o Town of Vulcan	Municipal requirements
Vulcan County	Municipal requirements

Attachment 3 includes Enterprise’s project newsletter, which was included with the AESO Need Overview in Enterprise’s project-specific information package that was distributed to the Stakeholders described above on March 29, 2021. Enterprise’s project newsletter included the AESO’s contact information, a description of the AESO’s role, a reference to the AESO Need Overview, and an invitation to contact Enterprise, the TFO or the AESO for additional information.

## 2.2 Stakeholders Notified in the TFO’s PIP

The TFO has advised the AESO that its PIP included notification within 200 meters of the existing transmission line right-of-way, as recommended by the Commission in Appendix A1 of AUC Rule 007.<sup>2</sup>

The TFO notified a total of approximately 9 Stakeholders, of which 2 were classified as private or individual landowners and encumbrance holders. The other 7 notified Stakeholders and the TFO’s rationale for their inclusion in the PIP are listed in Table 2.

<sup>1</sup> Enterprise has identified its facility application to be of the type: *Overhead transmission line and new substation development – rural or industrial setting*, as categorized in AUC Rule 007, Appendix A1, Section 5.

<sup>2</sup> AltaLink has identified its facility application to be of the type: *Minor transmission line replacements within the original right-of-way – rural and industrial*, as categorized in AUC Rule 007, Appendix A1, Section 5.

**Table 2: Summary of Notified Agency and Industry Stakeholders Notified by the TFO**

Stakeholder	TFO's Rationale for Inclusion in the PIP
Alberta Environment and Parks – Resource Management Program	Provincial requirements
Enterprise Solar GP Inc.	Solar Farm Owner in the Project notification area
Ministry of Culture, Multiculturalism and Status of Women	Provincial requirements
Sunshine Gas Co-op Ltd.	Facility Owner in the Project notification area
Twin Valley Regional Water Commission	Facility Owner in the Project notification area
Town of Vulcan	Facility Owner in the Project notification area
Vulcan County	Municipal requirements

Attachment 4 includes the TFO's project newsletter, which was included with the AESO Need Overview in the TFO project-specific information package that was distributed to the Stakeholders described above between March 29, 2021 and June 11, 2021. The TFO's project newsletter and the AESO Need Overview were also posted on the TFO's project-specific webpage at <http://www.altalink.ca/projects/view/364/enterprise-solar-connection> on March 29, 2021. The TFO's project newsletter included the AESO's contact information, a description of the AESO's role, a reference to the AESO Need Overview, and an invitation to contact the TFO, Enterprise or the AESO for additional information.

### 3. Stakeholders Notified by the AESO

The AESO also notified four market participants that the AESO determined may have an interest in the NID. The AESO identified that, under certain potential system conditions, these market participants may be affected following the connection of Enterprise Solar Project Connection. A Market Participant Notification Letter, which included the Need Overview, was sent to the notified market participants on June 15, 2021.

The four notified market participants are as follows:

- Campus Energy Partners LP
- Claresholm Solar LP
- Concord Green Energy
- Enmax Energy Corporation

A generic version of the Market Participant Notification Letter was posted to the AESO website on June 15, 2021 at <https://www.aeso.ca/grid/projects/enterprise-solar-project-connection/>. A copy has been included as Attachment 5.

### 4. Filing Notification

Most recently, the AESO notified Stakeholders of its intention to submit the NID to the Commission by posting a Notification of NID Filing to the AESO website at <https://www.aeso.ca/grid/projects/enterprise-solar-project-connection/> and a publishing notice in the AESO Stakeholder Newsletter on August 5, 2021. Copies of the Notification of NID Filing posting and the AESO Stakeholder Newsletter notice have been included as Attachments 6 and 7, respectively.



## 5. Responding to Questions and Concerns

To ensure that Stakeholders had the opportunity to provide feedback, the AESO provided Stakeholders with AESO contact information, including a dedicated, toll-free telephone line (1-888-866-2959) and a dedicated email address ([stakeholder.relations@aeso.ca](mailto:stakeholder.relations@aeso.ca)). The AESO Need Overview included this contact information, along with the AESO's mailing address (2500, 330 5<sup>th</sup> Ave. SW, Calgary) and website address ([www.aeso.ca](http://www.aeso.ca)), and a privacy statement that described how the AESO is committed to protecting Stakeholders' privacy.

As directed by the AESO, Enterprise and the TFO were prepared to direct any Stakeholder questions addressed to the AESO, or questions regarding the AESO Need Overview, to the AESO.

## 6. Concerns and Objections Raised

One Stakeholder that received the AESO's Market Participant Notification Letter raised questions and concerns related to how its operations may be affected following the connection of the Enterprise Solar Project Connection. The AESO responded to the Stakeholder by providing information about the following:

- the timing of the AESO's forthcoming NID application;
- the assumptions and results of the AESO's engineering connection assessment;
- how Remedial Action Schemes (RAS's) and the *Real Time Transmission Constraint Management* (TCM) Rule apply to the Enterprise Solar Project and other generation facilities;
- how and when the TCM Rule is applied; and
- the triggers and timing for an application for an exception under section 15(2) of the *Transmission Regulation*.

The AESO also encouraged the Stakeholder to contact the AESO directly with any outstanding questions or concerns.

A second Stakeholder that received the AESO's Market Participant Notification Letter requested additional clarification on the engineering studies and how its operations may be affected following the connection of the Enterprise Solar Project Connection. The Stakeholder requested a meeting with the AESO to discuss these matters following its review of the AESO's filed NID application. The AESO has scheduled a meeting with this Stakeholder on August 30, 2021.

Enterprise and the TFO have advised the AESO that none of the Stakeholders notified by Enterprise and the TFO identified any concerns or objections regarding the AESO's preferred option to respond to the system access service request or the need for development.

Apart from the Stakeholder inquiries described above, the AESO has not received any indication of concerns or objections about the AESO's preferred option to respond to the system access service request or the need for development.

## 7. List of Attachments

- Attachment 1 – AESO Need Overview (March 2021)
- Attachment 2 – AESO Stakeholder Newsletter Need Overview Notice (March 30, 2021)
- Attachment 3 – Enterprise Project Newsletter (March 2021)
- Attachment 4 – TFO Project Newsletter – *Electric System Improvements Near You – Enterprise Solar Connection* (March 2021)
- Attachment 5 – AESO Market Participant Notification Letter (June 15, 2021)
- Attachment 6 – AESO Public Notification of NID Filing Website Posting (July 2021)
- Attachment 7 – AESO Stakeholder Newsletter NID Filing Notice (August 5, 2021)

**Attachment 1 – AESO Need Overview (March 2021)**

# Need for the Enterprise Solar Project Connection in the Vulcan area

*Enterprise Solar GP Inc., on behalf of Enterprise Solar LP, owned by Renewable Energy Systems Canada Inc. (Enterprise Solar), has applied to the AESO for transmission system access to connect its proposed Enterprise Solar Project (Facility) in the Vulcan area. Enterprise Solar's request can be met by the following solution:*

## PROPOSED SOLUTION

- Add one 138 kV transmission line to connect the Facility to the existing 138 kV transmission line 161L in a T-tap configuration.
- Add or modify associated equipment as required for the above transmission developments.

## NEXT STEPS

- The AESO intends to apply to the Alberta Utilities Commission (AUC) for approval of the need in mid-2021.
- The AESO's needs identification document (NID) application will be available on the AESO's website at [www.aeso.ca/grid/projects](http://www.aeso.ca/grid/projects) at the time of its application to the AUC.

*The following organizations have key roles and responsibilities in providing access to the transmission system:*

## THE AESO

- Must plan the transmission system and enable access to it for generators and other qualified customers.
- Is regulated by the AUC and must apply to the AUC for approval of its NID.

## ENTERPRISE SOLAR

- Has requested transmission system access to connect the Facility.
- Is responsible for detailed siting and routing, and constructing the new 138 kV transmission line to connect the Facility.
- Must apply to the AUC for approval of its transmission facilities applications.

## ALTALINK

- Is the transmission facility owner in the Vulcan area.
- Is responsible for operating and maintaining the new 138 kV transmission line, and constructing, operating and maintaining the transmission facilities associated with the addition of the new 138 kV transmission line.
- Is regulated by the AUC and must apply to the AUC for approval of its transmission facilities applications.

## WHO IS THE AESO?

The Alberta Electric System Operator (AESO) plans and operates Alberta's electricity grid and wholesale electricity market safely, reliably and in the public interest of all Albertans. We are a not-for-profit organization with no financial interest or investment of any kind in the power industry.

We appreciate your views, both on the need for transmission system development and proposed transmission plans. If you have any questions or comments, please contact us directly.

## CONTACT US

### Alberta Electric System Operator

AESO Stakeholder Relations  
[stakeholder.relations@aesocanada.com](mailto:stakeholder.relations@aesocanada.com)  
1-888-866-2959

2500, 330-5th Avenue SW  
Calgary, AB T2P 0L4  
Phone: 403-539-2450

[www.aeso.ca](http://www.aeso.ca) | [@theaesocanada](https://twitter.com/theaesocanada)

**Attachment 2 – AESO Stakeholder Newsletter Need Overview Notice (March 30, 2021)**

March 30, 2021

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# AESO Stakeholder Newsletter



## **Enterprise Solar Project Connection – Need for Transmission Development in the Vulcan Area**

Enterprise Solar GP Inc., on behalf of Enterprise Solar LP, owned by Renewable Energy Systems Canada Inc. (Enterprise Solar), has applied to the AESO for transmission system access to connect its proposed Enterprise Solar Project (Facility) in the Vulcan area. Enterprise's request can be met by the following solution:

- Add one 138 kV transmission line to connect the Facility to the existing 138 kV transmission line 161L in a T-tap configuration.
- Add or modify associated equipment as required for the above transmission developments.

The AESO has posted a Need Overview for this project on its website. Please [click here](#) to view the document or visit the AESO website at [www.aeso.ca](http://www.aeso.ca) and follow the path Grid > Projects > Enterprise Solar Project Connection.

**Attachment 3 – Enterprise Project Newsletter (March 2021)**



Enterprise Solar GP Inc.

on behalf of Enterprise Solar LP  
#508-5605 avenue de Gaspé  
Montréal, Québec H2T 2A4, Canada

March 29, 2021

Dear Stakeholder,

I hope this letter finds you well. Enterprise Solar GP Inc., on behalf of Enterprise Solar LP, owned by Renewable Energy Systems Canada Inc., continues to develop the Enterprise Solar Power Project (the Project) in Vulcan County. As mentioned in previous correspondence, a new, short 138kV tie-line would be required to connect the proposed Project substation to AltaLink's 138kV existing 161L power line. The substation and new tie-line are being proposed on the SW-26-16-25-W4 and will connect to AltaLink line 161L on the same quarter section, within Township Road 164, an undeveloped County Road Allowance.

As you have been identified as having a land interest within 800 metres of the interconnection facilities, we are sending you this letter to further inform you regarding the interconnection and transmission component of the Project and to provide you with the following information:

- Map of the Proposed Facilities, including a 3D rendering of interconnection facilities;
- Alberta Electric System Operator (AESO) Need Overview; and
- Alberta Utilities Commission (AUC) public involvement brochure: *Participating in the AUC's independent review process*.

We have chosen the AESO's Market Participant Choice (MPC) option to undertake the majority of the interconnection work, including the facility design and construction of the interconnection between the Project and AltaLink's line 161L. AltaLink, who must consult on their scope of work within the same facilities, will also be sending you an information package. We are maintaining the same schedule as outlined in previous mailings. We submitted the Power Plant Facility Application to the AUC in mid-February 2021 and intend to submit the Interconnection Facility Application in May 2021. We anticipate having an approval by the AUC in Q3 2021 and commence construction on the facilities between Q3 2021 and Q4 2022 in a staggered fashion.

Consultation is not over. We will continue to work to refine the Project and advance discussions with the Community. Your questions, comments and feedback are always welcome. We work to incorporate as much local knowledge and input into the Project as possible.

For more information please visit the Project website [www.Enterprise-Solar.com](http://www.Enterprise-Solar.com). We will keep updating the website regularly so keep checking back every once in a while for new content and Project updates.

Renewable Energy Systems (RES) is the world's largest independent renewable energy company. We are family owned and operated. RES has been developing, constructing and operating renewable energy projects for 38 years and has a 19-Gigawatt (GW) Project portfolio. Please visit [www.res-group.com](http://www.res-group.com) to learn more about our company and values.





**Contact us**

In the meantime, you are welcome to contact the following:

*For any questions or concerns relating to the Project, substation or interconnection Projects:*

**Renewable Energy Systems Canada Inc.**

Rebecca Crump, Project Manager

T: 647-880-7473

E: [rebecca.crump@res-group.com](mailto:rebecca.crump@res-group.com)

*For any questions or concerns relating to AltaLink's interconnection work:*

**AltaLink**

T: 1-877-269-5903 (toll free)

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

*For any questions or to learn more about AESO and the need for the Project:*

**Alberta Electric System Operator (AESO)**

T: 1-888-866-2959 (toll-free)

E: [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 a RES 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, you can contact:*

**Alberta Utilities Commission (AUC)**

T: 780-427-4903 (toll-free by dialing 310-0000 before the number)

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

Sincerely,

A handwritten signature in blue ink, appearing to read 'Rebecca Crump', is positioned above the printed name.

Rebecca Crump

Senior Project Manager

Enterprise Solar GP Inc.

*on behalf of Enterprise Solar LP*

# Need for the Enterprise Solar Project Connection in the Vulcan area

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- The AESO's needs identification document (NID) application will be available on the AESO's website at [www.aeso.ca/grid/projects](http://www.aeso.ca/grid/projects) at the time of its application to the AUC.

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We appreciate your views, both on the need for transmission system development and proposed transmission plans. If you have any questions or comments, please contact us directly.

## CONTACT US

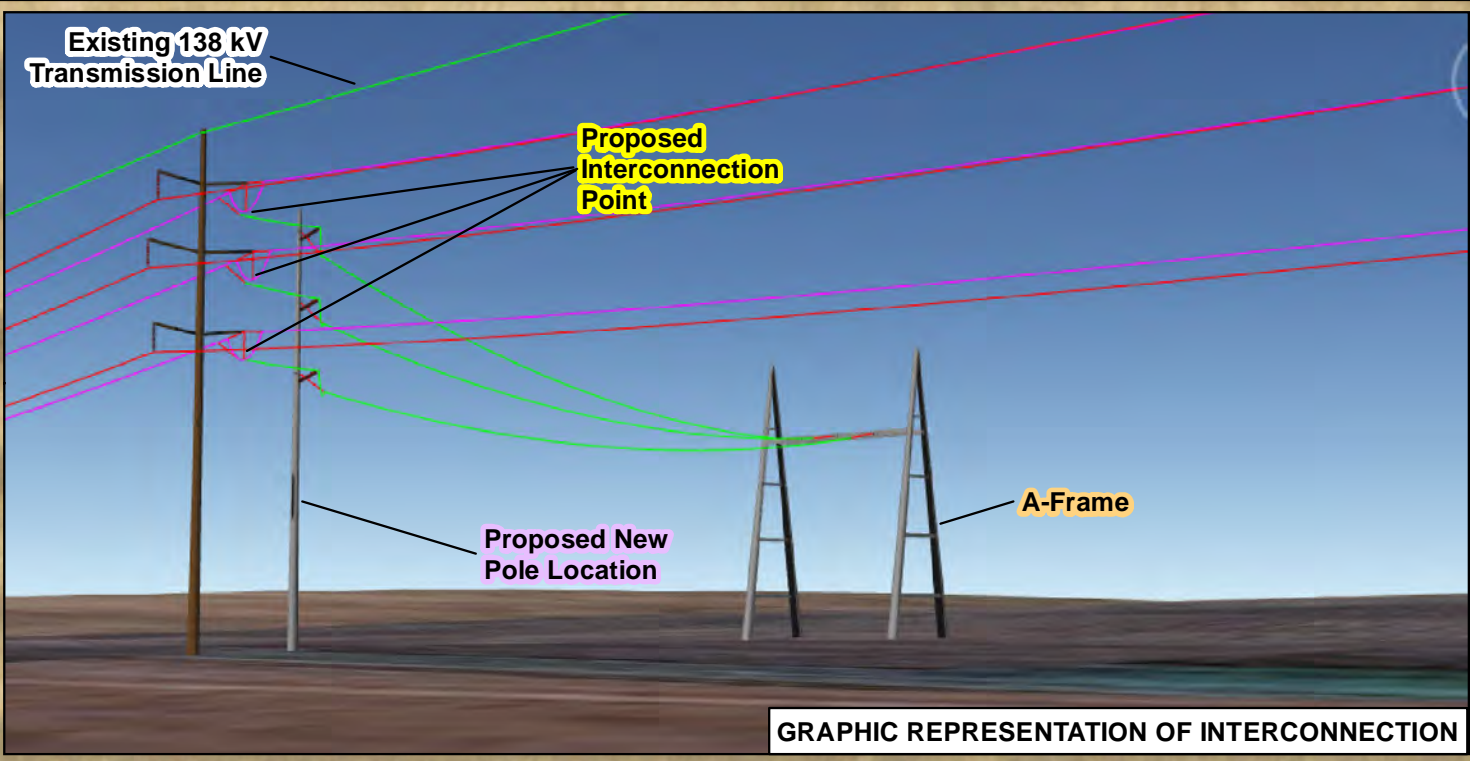
### Alberta Electric System Operator

AESO Stakeholder Relations  
[stakeholder.relations@aesocanada.com](mailto:stakeholder.relations@aesocanada.com)  
1-888-866-2959

2500, 330-5th Avenue SW  
Calgary, AB T2P 0L4  
Phone: 403-539-2450

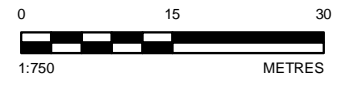
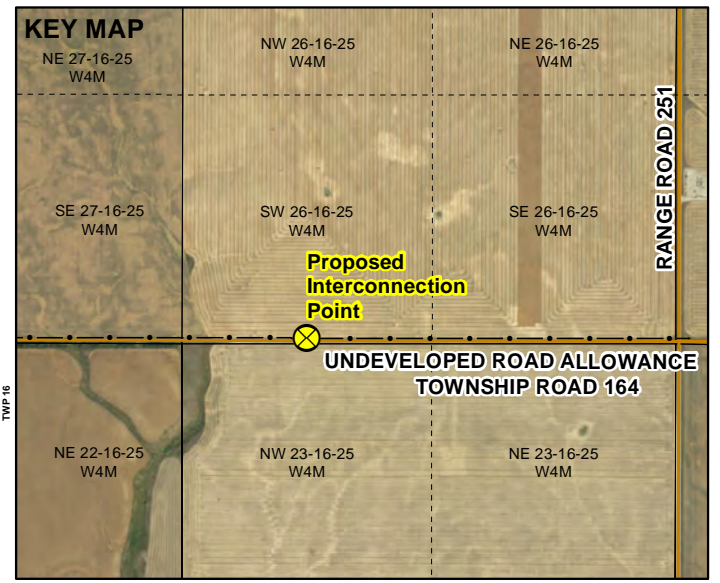
[www.aeso.ca](http://www.aeso.ca) | [@theaesocanada](https://twitter.com/theaesocanada)





**LEGEND**

- EXISTING TRANSMISSION LINE
- LOCAL ROAD
- ⊗ PROPOSED INTERCONNECTION POINT
- ⊕ PROPOSED NEW POLE LOCATION
- PROPOSED TRANSMISSION INTERCONNECTION LINE
- ▨ PROPOSED SUBSTATION (SEPARATE APPLICATION)



**REFERENCE(S)**

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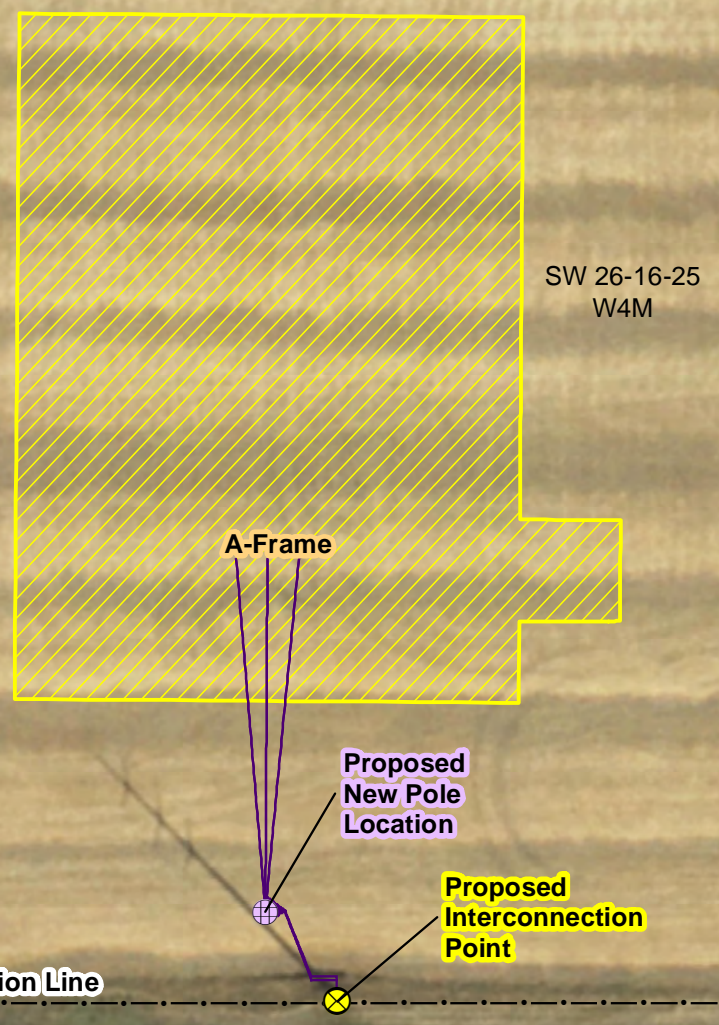
**CLIENT**  
RENEWABLE ENERGY SYSTEMS CANADA INC.

**PROJECT**  
ENTERPRISE SOLAR

**TITLE**  
**PROPOSED TRANSMISSION INTERCONNECTION**

CONSULTANT	YYYY-MM-DD	2021-01-12
DESIGNED	BS	
PREPARED	LMS	
REVIEWED	BS	
APPROVED	TC	

PROJECT NO.	PHASE	REV.	FIGURE
1895548	4000A	0	1



**UNDEVELOPED ROAD ALLOWANCE - TOWNSHIP ROAD 164**



## Step 5: Consultation and negotiation (if applicable)\*

The Commission supports ongoing efforts to reach an agreeable outcome for the applicant and all affected parties. The Commission encourages the applicant and those who have filed a statement to continue to attempt to resolve any outstanding issues. If all concerns can be satisfactorily resolved this may eliminate the need for a formal hearing. However, if there continues to be unresolved issues, those matters will typically be addressed at an AUC hearing.

## Step 6: The public hearing process\*

The AUC will issue a notice of hearing if there continues to be legitimate unresolved concerns with the application. The notice of hearing will provide a hearing date and location in addition to a process schedule. The AUC conducts public hearings in its Edmonton and Calgary hearing rooms and, where suitable venues exist, in communities closer to the proposed project area.

The public hearing process allows persons with standing that have unresolved concerns about the application, to express their views directly to a panel of Commission members.

An AUC hearing is a formal, evidence-based, court-like proceeding. The public can attend the hearing in person or listen to hearings online through the AUC's website.

Participants in a hearing can either represent themselves or be represented by a lawyer. In addition, participants may hire experts to assist in preparing and presenting evidence to support their position.

## Cost assistance

A person determined by the Commission to be a local intervener can apply for reimbursement of reasonable costs. Those who hire a lawyer or technical experts must be aware that while reimbursement for the costs of legal and technical assistance is available under AUC Rule 009: *Local Intervener Funding*, recovery of costs is subject to the Commission assessing the value of the

contribution provided by the lawyer and technical experts. People with similar interests and positions are expected to work together to ensure that expenditures for legal or technical assistance are minimized and costs are not duplicated.

## Step 7: The decision

The AUC's goal is to issue its written application decision no more than 90 days after the hearing is complete. The Commission can approve, or deny an application and can also make its approval conditional upon terms or conditions. All AUC decision reports are available to any member of the public on the AUC's website or by obtaining a printed copy from the AUC.

## Step 8: Opportunity to appeal

An applicant or dissatisfied participant may formally ask the Court of Appeal of Alberta for permission to appeal a Commission decision. An application for permission to appeal must be filed within 30 days from the date the decision is issued.

An applicant or dissatisfied participant can also ask the Commission to review its decision. An application to review a Commission decision must be filed within 60 days from the date the decision is issued and satisfy the limited grounds described in AUC Rule 016: *Review and Variance of Commission Decisions*.

## Step 9: Construction, operation and compliance

An applicant that receives approval to build and operate a facility from the Commission must adhere to any conditions that were set out in that approval. If concerns about compliance with approval conditions and post-construction operations cannot be resolved with the applicant, they can be brought to the AUC's attention for consideration. The AUC has significant compliance and enforcement powers for all approved applications. Additional information is available on the AUC website under "Compliance and enforcement."

## \*Opportunity for public involvement

The Alberta Utilities Commission is an independent, quasi-judicial agency of the Government of Alberta that ensures the delivery of Alberta's utility services take place in a manner that is fair, responsible and in the public interest.

## Contact us

Phone: 310-4AUC (310-4282 in Alberta)  
1-833-511-4AUC (1-833-511-4282 outside Alberta)  
Email: [info@auc.ab.ca](mailto:info@auc.ab.ca)

Eau Claire Tower                      106 Street Building  
1400, 600 Third Avenue S.W.      10th Floor, 10055 106 Street  
Calgary, Alberta T2P 0G5            Edmonton, Alberta T5J 2Y2

The Alberta Utilities Commission is committed to ensuring that Albertans whose rights may be directly and adversely affected by a utility development project are informed of the application and have the opportunity to have their concerns heard, understood and considered.



**Participating  
in the AUC's  
independent  
review process**

# Application review process

**Step 1: Public consultation prior to application by proponent**

**Step 2: Application filed with the AUC**

**Step 3: Public notice issued by the AUC**

**Step 4: Public submissions to the AUC**

**Step 5: Consultation and negotiation**

**Step 6: The public hearing process**

**Step 7: The decision**

**Step 8: Opportunity to appeal**

**Step 9: Construction, operation and compliance**

[www.auc.ab.ca](http://www.auc.ab.ca)

## The AUC's regulatory role in needs and facility applications and its independent review and hearing process:

The AUC uses an established process, outlined in this brochure, to review social, economic and environmental impacts of facility projects to decide if approval is in the public interest. Approvals from the AUC are required for the construction, operation, alteration and decommissioning of transmission lines and electric substations.

Approvals are required for:

- The need for transmission upgrades.
- The route and location of transmission facilities.
- The siting of power plants, including renewables such as wind and solar more than five megawatts.

Sometimes a needs application is considered together with a facility application in a single hearing; sometimes separate hearings may be held to consider each application.

### Step 1: Public consultation prior to application\*

Prior to filing an application with the AUC for the approval of a proposed utility development, the applicant must engage in a public consultation program in the area of the proposed project, so that concerns may be raised, addressed and, if possible, resolved.

The application guidelines and requirements for facility applications can be found in AUC Rule 007: *Applications for Power Plants, Substations, Transmission Lines, Industrial System Designations and Hydro Developments*, and AUC Rule 020: *Rules Respecting Gas Utility Pipelines*.

Potentially affected parties are strongly encouraged to participate in the initial public consultation, as early involvement in discussions with an applicant may lead to greater influence on project planning and what is submitted to the AUC for approval.

The Alberta Electric System Operator, as the system planner, will notify potentially affected stakeholders of applications on the need for transmission development.

### Step 2: Application filed with the AUC

When the participant involvement requirements have been completed, the applicant files its application with the AUC through a public filing system, called the eFiling System, on the AUC website.

The application is then reviewed to ensure the information required by the Commission is included. If the required information is not provided, the AUC may close the application or request more

information from the applicant. In the application, any issues that were raised during the public consultation and any related amendments to the proposal should be identified. All unresolved objections or concerns identified during the public consultation must be described in the application.

### Step 3: Public notice

The AUC generally issues a notice by mail directly to those who live, operate a business or occupy land in the project area who may be affected by the Commission's decision on the proposed project. The notice for larger facility projects with potentially greater impacts may also be published in local newspapers.

The notice will specify a submission deadline. The information required by this deadline is general in nature as outlined in Step 4. Additional opportunities to provide evidence and additional information will arise after this deadline.

### Step 4: Public submissions to the AUC\*

The AUC review process is referred to as a proceeding. Anyone with unresolved objections or concerns about the application can file a brief written statement with the AUC on the proceeding. The easiest way to file a statement is to fill out the form through the eFiling System found on the AUC website. The statement must include your contact information, where you reside or own property in relation to the proposed facility, your concern or interest in the application, an explanation of your position and what you feel the AUC should decide.

The AUC uses the information it gathers through the forms to decide whether to hold a hearing on the application(s). The Commission must hold a hearing if a person can demonstrate that he or she has rights that may be directly or adversely affected by the Commission's decision on the application. Such a person is said to have standing before the Commission. If the AUC decides to hold a hearing, the AUC will provide further opportunities for participants with standing to understand the application and present their position on the application either in writing or in person.

Subject to some limited exceptions, all information and materials provided as part of an AUC proceeding will become part of the public record and will be available through the eFiling System. The AUC's treatment of some types of information as confidential is rare and only available under limited circumstances to ensure that the AUC's process is open and transparent.

### AUC eFiling System

The eFiling System is the tool that the AUC uses to manage applications and submissions in its proceeding-based review. The eFiling System gives access to all public documents associated with an application and is how to provide your input to the AUC and monitor the related proceeding filings. Those who do not have access to the internet can send submissions, evidence and other material by mail and the AUC will upload the submission on their behalf.

**\*Opportunity for public involvement**

**Attachment 4 – TFO Project Newsletter – *Electric System Improvements Near You – Enterprise Solar Connection* (March 2021)**



# 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).

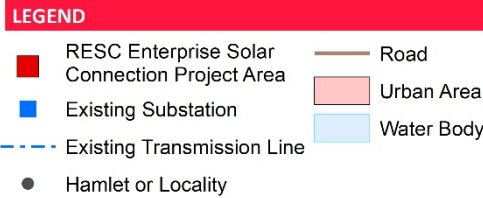
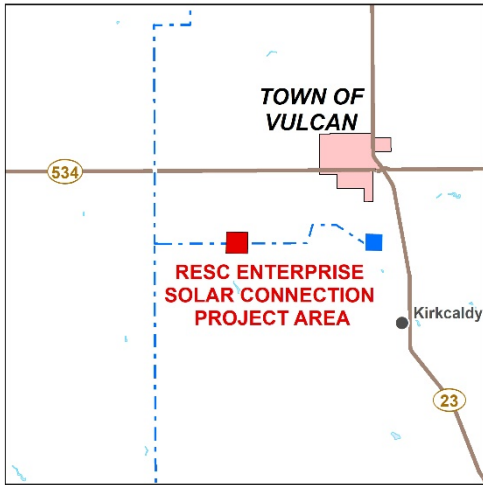
DEFINITION:

## 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.

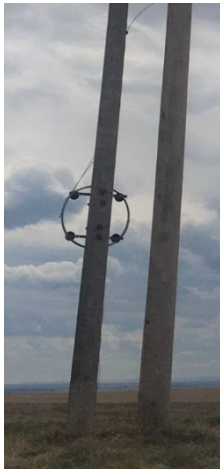
## CONTACT US

1-877-267-1453  
[stakeholderrelations@altalink.ca](mailto:stakeholderrelations@altalink.ca)  
[www.altalink.ca/projects](http://www.altalink.ca/projects)



*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**

## LET'S TALK TRANSMISSION



[www.twitter.com/altalink](https://www.twitter.com/altalink)

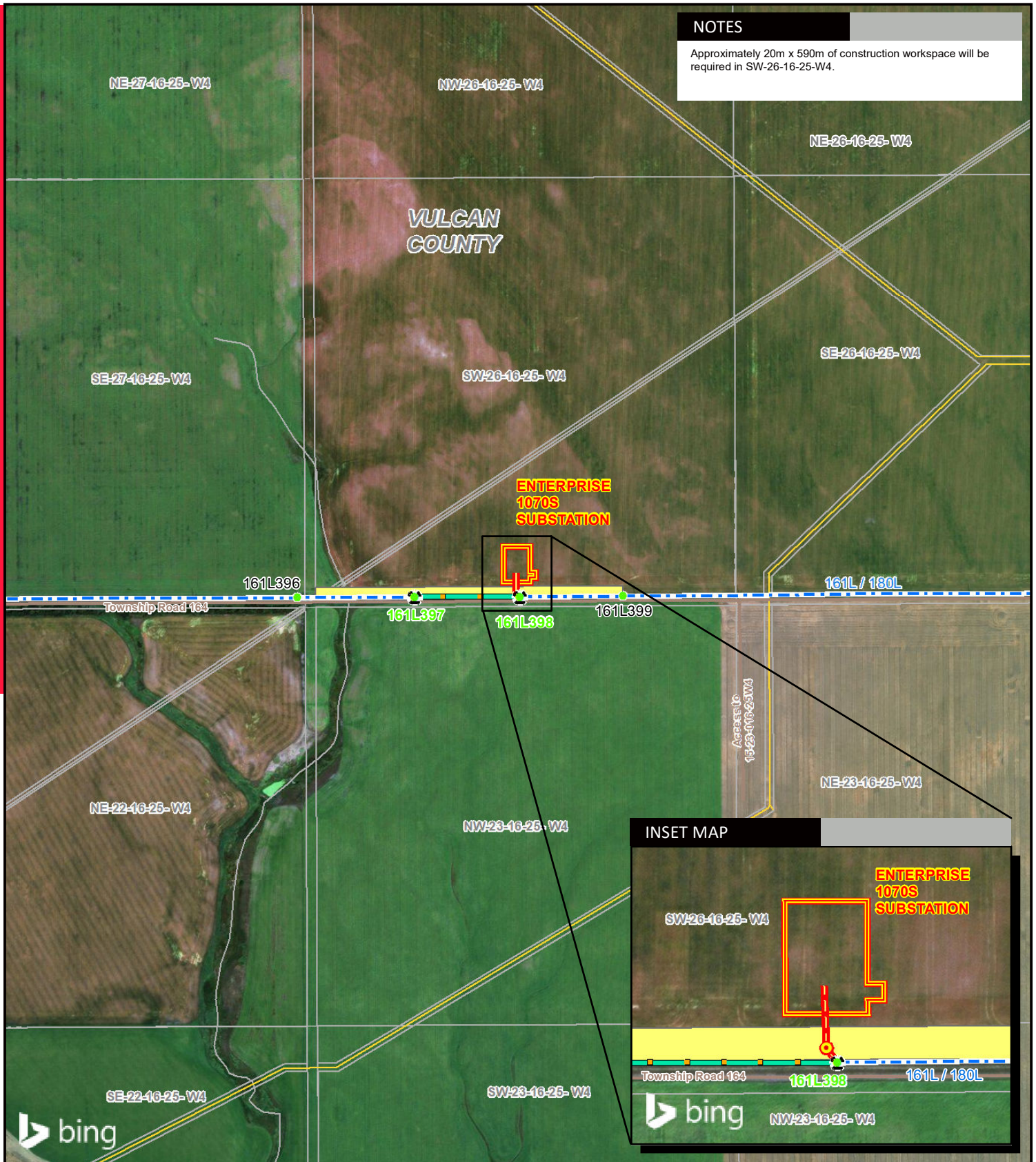


[www.facebook.com/altalinktransmission](https://www.facebook.com/altalinktransmission)

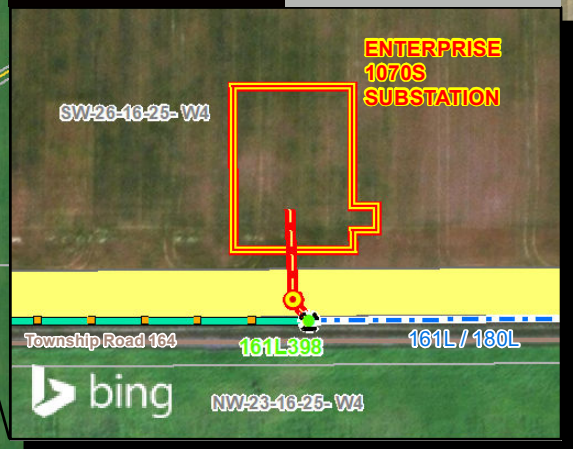


**NOTES**

Approximately 20m x 590m of construction workspace will be required in SW-26-16-25-W4.



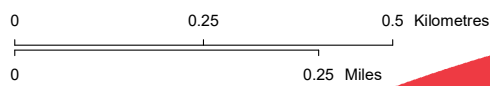
**INSET MAP**



**LEGEND**

- Proposed Modification of Existing AltaLink Structure
- Proposed Customer Structure
- Existing Structure
- Proposed Customer Transmission Line
- Proposed Optical Ground Wire Replacement
- Existing Transmission Line
- Proposed Customer Substation
- Proposed Construction Workspace
- Pipeline
- Road

NO: 35031191 - 6201  
 DRAWN: SG - AL  
 FILE NO: XXXXXX  
 REVISION: 0.02.02  
 AL FOLDER: RESC Enterprise Solar Connection  
**DATE: 2021-02-09**



**DETAIL PHOTO DP1**



**PROPOSED**  
 Enterprise Solar Connection Project

Photography dated: 2007 Source: Valtus Imagery Services 40cm Colour Ortho Photography  
 Although there is no reason to believe that there are any errors associated with the data used to generate this product or in the product itself, users of these data are advised that errors in the data may be present.

# Need for the Enterprise Solar Project Connection in the Vulcan area

*Enterprise Solar GP Inc., on behalf of Enterprise Solar LP, owned by Renewable Energy Systems Canada Inc. (Enterprise Solar), has applied to the AESO for transmission system access to connect its proposed Enterprise Solar Project (Facility) in the Vulcan area. Enterprise Solar's request can be met by the following solution:*

## PROPOSED SOLUTION

- Add one 138 kV transmission line to connect the Facility to the existing 138 kV transmission line 161L in a T-tap configuration.
- Add or modify associated equipment as required for the above transmission developments.

## NEXT STEPS

- The AESO intends to apply to the Alberta Utilities Commission (AUC) for approval of the need in mid-2021.
- The AESO's needs identification document (NID) application will be available on the AESO's website at [www.aeso.ca/grid/projects](http://www.aeso.ca/grid/projects) at the time of its application to the AUC.

*The following organizations have key roles and responsibilities in providing access to the transmission system:*

## THE AESO

- Must plan the transmission system and enable access to it for generators and other qualified customers.
- Is regulated by the AUC and must apply to the AUC for approval of its NID.

## ENTERPRISE SOLAR

- Has requested transmission system access to connect the Facility.
- Is responsible for detailed siting and routing, and constructing the new 138 kV transmission line to connect the Facility.
- Must apply to the AUC for approval of its transmission facilities applications.

## ALTALINK

- Is the transmission facility owner in the Vulcan area.
- Is responsible for operating and maintaining the new 138 kV transmission line, and constructing, operating and maintaining the transmission facilities associated with the addition of the new 138 kV transmission line.
- Is regulated by the AUC and must apply to the AUC for approval of its transmission facilities applications.

## WHO IS THE AESO?

The Alberta Electric System Operator (AESO) plans and operates Alberta's electricity grid and wholesale electricity market safely, reliably and in the public interest of all Albertans. We are a not-for-profit organization with no financial interest or investment of any kind in the power industry.

We appreciate your views, both on the need for transmission system development and proposed transmission plans. If you have any questions or comments, please contact us directly.

## CONTACT US

### Alberta Electric System Operator

AESO Stakeholder Relations  
[stakeholder.relations@aeso.ca](mailto:stakeholder.relations@aeso.ca)  
1-888-866-2959

2500, 330-5th Avenue SW  
Calgary, AB T2P 0L4  
Phone: 403-539-2450

[www.aeso.ca](http://www.aeso.ca) | [@theaeso](https://twitter.com/theaeso)





## WORKING WITH YOU THROUGH COVID-19

During the unprecedented times brought on by the COVID-19 pandemic, keeping our employees safe and keeping the lights on continues to be our commitment to Albertans. Our transmission system is the essential link that connects homes, farms, businesses and industries to reliable, affordable electricity generated across Alberta.

As an essential service in Alberta, we have a responsibility to deliver reliable electricity to more than three million Albertans. Hospitals, grocery stores, restaurants, small businesses, and people like you depend on us.

We are responsibly moving ahead with projects and maintenance activities that will ensure the reliability of our electricity system for years to come. That's why you will continue to see us in your community or hear from us about a project in your area.

### WHAT WE'RE DOING TO STAY SAFE AND HEALTHY

We know that you have been navigating your own set of challenges during this unprecedented time, and are focused on keeping your families and friends safe. We are too. Our priority is maintaining the health and safety of our employees, contractors, and the general public, while ensuring that we're able to continue to deliver the essential service that Albertans rely on.

While our employees are working, we're committed to keeping them safe by ensuring they are able to practice safe physical distancing and providing them with appropriate protective equipment and sanitizer at their work locations.

Based on recommendations from local and national health authorities, we have made the decision to not hold public events at this time and to limit in-person meetings.

### HOW TO SAFELY PROVIDE YOUR INPUT

Stakeholder input is very important to us. We rely on the feedback that we receive from people in the community to help us in our project planning. Although we're not able to hold public open houses to gather stakeholder feedback, we remain committed to getting your input on our projects.

We will be conducting the majority of our meetings via telephone or electronic methods, but some in-person meetings will be safely coordinated where appropriate. We've also created a new online feedback portal as an option for you to provide your input on a project in your area: [www.altalink.ca/projectfeedback](http://www.altalink.ca/projectfeedback).

As the situation regarding COVID-19 changes we will re-assess this approach and provide an update if anything changes.

Thank you and stay safe.

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#### Contact us

We're available to address any questions or concerns you may have:  
[stakeholderrelations@altalink.ca](mailto:stakeholderrelations@altalink.ca)  
1-877-267-1453

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

## Step 5: Consultation and negotiation (if applicable)\*

The Commission supports ongoing efforts to reach an agreeable outcome for the applicant and all affected parties. The Commission encourages the applicant and those who have filed a statement to continue to attempt to resolve any outstanding issues. If all concerns can be satisfactorily resolved this may eliminate the need for a formal hearing. However, if there continues to be unresolved issues, those matters will typically be addressed at an AUC hearing.

## Step 6: The public hearing process\*

The AUC will issue a notice of hearing if there continues to be legitimate unresolved concerns with the application. The notice of hearing will provide a hearing date and location in addition to a process schedule. The AUC conducts public hearings in its Edmonton and Calgary hearing rooms and, where suitable venues exist, in communities closer to the proposed project area.

The public hearing process allows persons with standing that have unresolved concerns about the application, to express their views directly to a panel of Commission members.

An AUC hearing is a formal, evidence-based, court-like proceeding. The public can attend the hearing in person or listen to hearings online through the AUC's website.

Participants in a hearing can either represent themselves or be represented by a lawyer. In addition, participants may hire experts to assist in preparing and presenting evidence to support their position.

## Cost assistance

A person determined by the Commission to be a local intervener can apply for reimbursement of reasonable costs. Those who hire a lawyer or technical experts must be aware that while reimbursement for the costs of legal and technical assistance is available under AUC Rule 009: *Local Intervener Funding*, recovery of costs is subject to the Commission assessing the value of the

contribution provided by the lawyer and technical experts. People with similar interests and positions are expected to work together to ensure that expenditures for legal or technical assistance are minimized and costs are not duplicated.

## Step 7: The decision

The AUC's goal is to issue its written application decision no more than 90 days after the hearing is complete. The Commission can approve, or deny an application and can also make its approval conditional upon terms or conditions. All AUC decision reports are available to any member of the public on the AUC's website or by obtaining a printed copy from the AUC.

## Step 8: Opportunity to appeal

An applicant or dissatisfied participant may formally ask the Court of Appeal of Alberta for permission to appeal a Commission decision. An application for permission to appeal must be filed within 30 days from the date the decision is issued.

An applicant or dissatisfied participant can also ask the Commission to review its decision. An application to review a Commission decision must be filed within 60 days from the date the decision is issued and satisfy the limited grounds described in AUC Rule 016: *Review and Variance of Commission Decisions*.

## Step 9: Construction, operation and compliance

An applicant that receives approval to build and operate a facility from the Commission must adhere to any conditions that were set out in that approval. If concerns about compliance with approval conditions and post-construction operations cannot be resolved with the applicant, they can be brought to the AUC's attention for consideration. The AUC has significant compliance and enforcement powers for all approved applications. Additional information is available on the AUC website under "Compliance and enforcement."

## \*Opportunity for public involvement

The Alberta Utilities Commission is an independent, quasi-judicial agency of the Government of Alberta that ensures the delivery of Alberta's utility services take place in a manner that is fair, responsible and in the public interest.

## Contact us

Phone: 310-4AUC (310-4282 in Alberta)  
1-833-511-4AUC (1-833-511-4282 outside Alberta)  
Email: [info@auc.ab.ca](mailto:info@auc.ab.ca)

Eau Claire Tower 1400, 600 Third Avenue S.W. Calgary, Alberta T2P 0G5	106 Street Building 10th Floor, 10055 106 Street Edmonton, Alberta T5J 2Y2
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The Alberta Utilities Commission is committed to ensuring that Albertans whose rights may be directly and adversely affected by a utility development project are informed of the application and have the opportunity to have their concerns heard, understood and considered.



Participating  
in the AUC's  
independent  
review process



# Application review process

**Step 1: Public consultation prior to application by proponent**

**Step 2: Application filed with the AUC**

**Step 3: Public notice issued by the AUC**

**Step 4: Public submissions to the AUC**

**Step 5: Consultation and negotiation**

**Step 6: The public hearing process**

**Step 7: The decision**

**Step 8: Opportunity to appeal**

**Step 9: Construction, operation and compliance**

[www.auc.ab.ca](http://www.auc.ab.ca)

## The AUC's regulatory role in needs and facility applications and its independent review and hearing process:

The AUC uses an established process, outlined in this brochure, to review social, economic and environmental impacts of facility projects to decide if approval is in the public interest. Approvals from the AUC are required for the construction, operation, alteration and decommissioning of transmission lines and electric substations.

Approvals are required for:

- The need for transmission upgrades.
- The route and location of transmission facilities.
- The siting of power plants, including renewables such as wind and solar more than five megawatts.

Sometimes a needs application is considered together with a facility application in a single hearing; sometimes separate hearings may be held to consider each application.

### Step 1: Public consultation prior to application\*

Prior to filing an application with the AUC for the approval of a proposed utility development, the applicant must engage in a public consultation program in the area of the proposed project, so that concerns may be raised, addressed and, if possible, resolved.

The application guidelines and requirements for facility applications can be found in AUC Rule 007: *Applications for Power Plants, Substations, Transmission Lines, Industrial System Designations and Hydro Developments*, and AUC Rule 020: *Rules Respecting Gas Utility Pipelines*.

Potentially affected parties are strongly encouraged to participate in the initial public consultation, as early involvement in discussions with an applicant may lead to greater influence on project planning and what is submitted to the AUC for approval.

The Alberta Electric System Operator, as the system planner, will notify potentially affected stakeholders of applications on the need for transmission development.

### Step 2: Application filed with the AUC

When the participant involvement requirements have been completed, the applicant files its application with the AUC through a public filing system, called the eFiling System, on the AUC website.

The application is then reviewed to ensure the information required by the Commission is included. If the required information is not provided, the AUC may close the application or request more

information from the applicant. In the application, any issues that were raised during the public consultation and any related amendments to the proposal should be identified. All unresolved objections or concerns identified during the public consultation must be described in the application.

### Step 3: Public notice

The AUC generally issues a notice by mail directly to those who live, operate a business or occupy land in the project area who may be affected by the Commission's decision on the proposed project. The notice for larger facility projects with potentially greater impacts may also be published in local newspapers.

The notice will specify a submission deadline. The information required by this deadline is general in nature as outlined in Step 4. Additional opportunities to provide evidence and additional information will arise after this deadline.

### Step 4: Public submissions to the AUC\*

The AUC review process is referred to as a proceeding. Anyone with unresolved objections or concerns about the application can file a brief written statement with the AUC on the proceeding. The easiest way to file a statement is to fill out the form through the eFiling System found on the AUC website. The statement must include your contact information, where you reside or own property in relation to the proposed facility, your concern or interest in the application, an explanation of your position and what you feel the AUC should decide.

The AUC uses the information it gathers through the forms to decide whether to hold a hearing on the application(s). The Commission must hold a hearing if a person can demonstrate that he or she has rights that may be directly or adversely affected by the Commission's decision on the application. Such a person is said to have standing before the Commission. If the AUC decides to hold a hearing, the AUC will provide further opportunities for participants with standing to understand the application and present their position on the application either in writing or in person.

Subject to some limited exceptions, all information and materials provided as part of an AUC proceeding will become part of the public record and will be available through the eFiling System. The AUC's treatment of some types of information as confidential is rare and only available under limited circumstances to ensure that the AUC's process is open and transparent.

### AUC eFiling System

The eFiling System is the tool that the AUC uses to manage applications and submissions in its proceeding-based review. The eFiling System gives access to all public documents associated with an application and is how to provide your input to the AUC and monitor the related proceeding filings. Those who do not have access to the internet can send submissions, evidence and other material by mail and the AUC will upload the submission on their behalf.

**\*Opportunity for public involvement**

**Attachment 5 – AESO Market Participant Notification Letter (June 15, 2021)**



June 15, 2021

**Notified Market Participant Corporate Legal Name**  
**Address Line 1.**  
**Address Line 2.**  
**City, Province, Postal Code.**

Dear **Notified Market Participant Primary Contact:**

Re: **Enterprise Solar Project Connection**

The Alberta Electric System Operator (AESO) would like to advise you that Enterprise Solar GP Inc. (Enterprise Solar), owned by Renewable Energy Systems Canada Inc., has applied for transmission system access to connect its proposed Enterprise Solar Project (Facility) to the Alberta interconnected electric system (AIES) in the AESO's South Planning Region.

A copy of the AESO Need Overview document is attached for your information. The AESO Need Overview describes the AESO's proposed transmission development to connect the proposed Facility to the AIES, and the AESO's next steps, which include submitting a needs identification document (NID) application to the Alberta Utilities Commission (AUC) for approval.

The purpose of this letter is to advise you that the AESO has identified that, under credible worse case forecast conditions, the operation of the **[Effective Generation Facility Name] ([Effective Generation Facility Asset ID])** may be affected following the connection of the proposed Facility.<sup>1</sup>

### ***Connection Assessment Findings***

An engineering connection assessment was carried out by the AESO to assess the transmission system performance following the connection of the proposed Facility. The connection assessment identified the potential for thermal criteria violations, under credible worse case forecast conditions, with all transmission facilities in service (Category A), as certain facilities were observed to be approaching thermal loading limits. Thermal criteria violations were also identified when a single transmission facility is out of service (Category B).

Should the AESO determine that mitigation is required to address potential thermal criteria violations under Category A conditions, the AESO may develop operational procedures or other mitigation measures. In addition, to address potential thermal criteria violations under Category B conditions, the AESO may implement remedial action schemes (RASs) or other mitigations, as required.

The AESO may also make use of real-time operational procedures to mitigate these potential thermal criteria violations, in accordance with [Section 302.1 of the ISO rules, Real Time Transmission Constraint Management](#) (TCM Rule), which is in effect today. When applied, the TCM Rule could result in the AESO issuing directives for curtailment to source assets that are effective in managing a constraint.

---

<sup>1</sup> The studies were performed assuming the Rate STS, *Supply Transmission Service*, contract capacity of 65 MW.

The connection assessment identified source assets, including the **[Effective Generation Facility Name]** (**[Effective Generation Facility Asset ID]**), which are effective in mitigating the potential transmission constraints.

If the AESO determines that congestion will arise under Category A conditions, the AESO will make an application to the Alberta Utilities Commission to obtain approval for an “exception” under Section 15(2) of the *Transmission Regulation*. The AESO will notify market participants if and when the AESO determines it is necessary to apply to the AUC for approval of such an exception.

***For Further Information***

The engineering connection assessment will be included in the AESO’s Enterprise Solar Project Connection NID application. Following submission of the NID application to the AUC, the NID application will be posted on the AESO website at: <https://www.aeso.ca/grid/projects/>

If you have any questions or concerns, please contact the AESO at 1-888-866-2959 or [stakeholder.relations@aeso.ca](mailto:stakeholder.relations@aeso.ca)

**Attachments:**

AESO Need Overview: *Need for the Enterprise Solar Project Connection in the Vulcan area*

# Need for the Enterprise Solar Project Connection in the Vulcan area

*Enterprise Solar GP Inc., on behalf of Enterprise Solar LP, owned by Renewable Energy Systems Canada Inc. (Enterprise Solar), has applied to the AESO for transmission system access to connect its proposed Enterprise Solar Project (Facility) in the Vulcan area. Enterprise Solar's request can be met by the following solution:*

## PROPOSED SOLUTION

- Add one 138 kV transmission line to connect the Facility to the existing 138 kV transmission line 161L in a T-tap configuration.
- Add or modify associated equipment as required for the above transmission developments.

## NEXT STEPS

- The AESO intends to apply to the Alberta Utilities Commission (AUC) for approval of the need in mid-2021.
- The AESO's needs identification document (NID) application will be available on the AESO's website at [www.aeso.ca/grid/projects](http://www.aeso.ca/grid/projects) at the time of its application to the AUC.

*The following organizations have key roles and responsibilities in providing access to the transmission system:*

## THE AESO

- Must plan the transmission system and enable access to it for generators and other qualified customers.
- Is regulated by the AUC and must apply to the AUC for approval of its NID.

## ENTERPRISE SOLAR

- Has requested transmission system access to connect the Facility.
- Is responsible for detailed siting and routing, and constructing the new 138 kV transmission line to connect the Facility.
- Must apply to the AUC for approval of its transmission facilities applications.

## ALTALINK

- Is the transmission facility owner in the Vulcan area.
- Is responsible for operating and maintaining the new 138 kV transmission line, and constructing, operating and maintaining the transmission facilities associated with the addition of the new 138 kV transmission line.
- Is regulated by the AUC and must apply to the AUC for approval of its transmission facilities applications.

## WHO IS THE AESO?

The Alberta Electric System Operator (AESO) plans and operates Alberta's electricity grid and wholesale electricity market safely, reliably and in the public interest of all Albertans. We are a not-for-profit organization with no financial interest or investment of any kind in the power industry.

We appreciate your views, both on the need for transmission system development and proposed transmission plans. If you have any questions or comments, please contact us directly.

## CONTACT US

### Alberta Electric System Operator

AESO Stakeholder Relations  
[stakeholder.relations@aesocanada.com](mailto:stakeholder.relations@aesocanada.com)  
1-888-866-2959

2500, 330-5th Avenue SW  
Calgary, AB T2P 0L4  
Phone: 403-539-2450

[www.aeso.ca](http://www.aeso.ca) | [@theaesocanada](https://twitter.com/theaesocanada)

**Attachment 6 – AESO Public Notification of NID Filing Website Posting (July 2021)**

## Notification of Needs Identification Document Filing Addressing the Need for the Enterprise Solar Project Connection in the Vulcan Area

The Alberta Electric System Operator (AESO) advises you that it intends to file a Needs Identification Document (NID) for the Enterprise Solar Project Connection with the Alberta Utilities Commission (AUC) on or after August 20, 2021.

Enterprise Solar GP Inc. (Enterprise Solar), owned by Renewable Energy Systems Canada Inc., has applied to the AESO for transmission system access to connect its approved Enterprise Solar Project (Facility) in the Vulcan area. Enterprise Solar's request can be met by the following solution:

- Add one 138 kilovolt (kV) transmission line to connect the Facility to the existing 138 kV transmission line 161L in a T-tap configuration.
- Add or modify associated equipment as required for the above transmission developments.



The grey shaded area on the map indicates the approximate location of the proposed transmission developments, including the 138 kV transmission line. The specific transmission facilities may extend beyond the grey shaded area shown.

Enterprise Solar is responsible for siting, routing and constructing the new 138 kV transmission line. AltaLink Management Ltd. is the transmission facility owner (TFO) in the Vulcan area and is responsible for operating and maintaining the new 138 kV transmission line and associated facilities.

In March 2021, the AESO, Enterprise Solar and the TFO began presenting this need to stakeholders, including residents, occupants, and landowners. The AESO will apply to the AUC for approval of the need for this transmission development. Once filed with the AUC, the NID will be posted on the AESO website at <https://www.aeso.ca/grid/projects/enterprise-solar-project-connection/>

In separate applications, called a Facility Application, Enterprise Solar and the TFO will provide more details about the specific facilities associated with the AESO's proposed transmission development, and will request AUC approval to construct and operate these facilities.

For more information, please visit our website, [www.aeso.ca](http://www.aeso.ca) or contact us at 1-888-866-2959 or [stakeholder.relations@aeso.ca](mailto:stakeholder.relations@aeso.ca).

**Attachment 7 – AESO Stakeholder Newsletter NID Filing Notice (August 5, 2021)**

August 5, 2021

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# AESO Stakeholder Newsletter



## Enterprise Solar Project Connection – Notice of NID Filing

Enterprise Solar GP Inc. (Enterprise Solar), owned by Renewable Energy Systems Canada Inc., has applied to the AESO for transmission system access to connect its approved Enterprise Solar Project (Facility) in the Vulcan area. Enterprise Solar's request can be met by the following solution:

- Add one 138 kilovolt (kV) transmission line to connect the Facility to the existing 138 kV transmission line 161L in a T-tap configuration.
- Add or modify associated equipment as required for the above transmission developments.

The AESO intends to file the Enterprise Solar Project Connection Needs Identification Document (NID) application with the Alberta Utilities Commission (AUC) on or after August 20, 2021, requesting that the AUC approve this NID.

The AESO has posted the Notification of NID filing on its website. Please [click here](#) to view the document or visit the AESO website at [www.aeso.ca](http://www.aeso.ca) and follow the path Grid > Projects > Enterprise Solar Project Connection to see all the relevant documents, including the NID application once it is filed with the AUC.