

APPENDIX C AESO PIP

1. Introduction

The AESO's Participant Involvement Program (PIP) is designed to notify the parties notified in the Market Participant's PIP for the Proposed Greengate Development, the transmission facility owner's (TFO's) PIP 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 6.2.1, NID19 and Appendix A2 of the current Alberta Utilities Commission (Commission) Rule 007 (AUC Rule 007), effective August 1, 2019.

From February 2019 to July 2019, the AESO conducted a PIP to assist in preparing its *Travers Solar Project Connection Needs Identification Document* (NID). The AESO required the Market Participant, in this case Greengate Power Corporation (Greengate), to assist the AESO in providing notification as part of the AESO's PIP. The AESO also directed the 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.

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/travers-solar-project-connection/> and a notice was published in the AESO Stakeholder Newsletter on March 19, 2019. 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 Greengate's and the TFO's project-specific information packages that were distributed to Stakeholders, as further described in Section 2.1.

2.1 Stakeholders Notified in Greengate’s PIP

Greengate has advised the AESO that its PIP for the Proposed Greengate Development included notification within 800 metres of the proposed transmission right-of-way as recommended by the Commission in Appendix A1 of AUC Rule 007.¹

Greengate notified a total of approximately 14 Stakeholders, of which 5 were classified as private or individual landowners. The other 9 notified Stakeholders and Greengate’s rationale for their inclusion in the PIP are listed in Table 1.

Table 1: Summary of Notified Agency and Industry Stakeholders Notified by Greengate

Stakeholder	TFO’s Rationale for Inclusion in the PIP
Alberta Culture and Tourism	Provincial requirements
Alberta Environment and Parks – Regional Approvals	Provincial requirements
AltaLink Management Ltd.	Local Industrial Interest Holder
Canadian Natural Resources Limited	Local Industrial Interest Holder
ConocoPhillips Canada Resources Corp.	Local Industrial Interest Holder
Devon Canada Corp.	Local Industrial Interest Holder
FortisAlberta Inc.	Local Distribution Facility Owner
NAV CANADA – AIS Data Collection	Federal requirements
Vulcan County	Municipality requirements

Attachment 3 includes Greengate’s project newsletter, which was included with the AESO Need Overview in Greengate’s project-specific information package that was distributed to the Stakeholders described above between March 18, 2019 and March 29, 2019. Greengate’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 Greengate, 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 metres of the existing transmission right-of-way as recommended by the Commission in Appendix A1 of AUC Rule 007.² The TFO has advised the AESO that its PIP also included notification within 800 metres of the proposed Little Bow 991S substation fence line for the proposed telecommunications tower, as recommended by the Commission in Appendix A1 of AUC Rule 007.³

¹ Greengate 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.

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

³ AltaLink 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.

The TFO notified a total of approximately 15 Stakeholders, of which 4 were classified as private or individual landowners. The other 11 notified Stakeholders and the TFO's rationale for their inclusion in the PIP are listed in Table 2.

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

Stakeholder	TFO's Rationale for Inclusion in the PIP
Alberta Culture, Multiculturalism and Status of Women	Provincial requirements
Alberta Environment and Parks	Provincial requirements
Canadian Natural Resources Limited	Pipeline Owner in project notification area
ConocoPhillips Canada Resources Corp.	Pipeline Owner in project notification area
Devon Canada Corporation	Pipeline Owner in project notification area
FortisAlberta Inc.	Distribution Facility Owner the project notification area in notification area
Greengate Power Corp.	Leaseholder in project notification area
NAV CANADA	Air Navigation System requirements
Transport Canada	Federal requirements
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 18, 2019 and July 15, 2019. 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/317/travers-solar-connection-project> on March 15, 2019. 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, Greengate or the AESO for additional information.

Attachment 5 includes the TFO's project update letter that was distributed to the Stakeholders described above between May 15, 2019 and July 15, 2019. The TFO's project update letter was also posted on the TFO's project-specific webpage at <http://www.altalink.ca/projects/view/317/travers-solar-connection-project> on May 15, 2019.

3. Stakeholders Notified by the AESO

The AESO also notified 6 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 the Travers Solar Project. A Market Participant Notification Letter, which included the AESO Need Overview, was sent to the notified market participants on July 26, 2019.

The 6 notified market participants are as follows:

- Acestes Power ULC
- Claresholm Solar Inc.
- EDF Renewables Development Inc.
- Solar Kraft Utilities Inc.
- Stirling Wind Project LP by its General Partner, Stirling Wind Project Ltd.
- Suncor Energy Inc.

A generic version of the Market Participant Notification Letter was posted to the AESO website on July 26, 2019 at <https://www.aeso.ca/grid/projects/travers-solar-project-connection/>. A copy has been included as Attachment 6.

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/travers-solar-project-connection/> and a publishing notice in the AESO Stakeholder Newsletter on August 13, 2019. Copies of the Notification of NID Filing posting and the AESO Stakeholder Newsletter notice have been included as Attachments 7 and 8, 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). The AESO Need Overview included this contact information, along with the AESO's mailing address (2500, 330 5th Ave. SW, Calgary) and website address (www.aeso.ca), and a privacy statement that described how the AESO is committed to protecting Stakeholders' privacy.

As directed by the AESO, Greengate 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

Greengate and the TFO have advised that Stakeholders have not identified any concerns or objections regarding the AESO's preferred option to respond to the system access service request or the need for development. The AESO has not received any indication of concerns or objections from any party 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 2019)
- Attachment 2 – AESO Stakeholder Newsletter Need Overview Notice (March 19, 2019)
- Attachment 3 – Greengate’s Project Newsletter – *Travers Solar Project Connection* (March 2019)
- Attachment 4 – TFO’s Project Newsletter – *Greengate Travers Solar Connection Project* (March 2019)
- Attachment 5 – TFO’s Project Update Letter – *Greengate Travers Solar Connection Project* (May 15, 2019)
- Attachment 6 – AESO Market Participant Notification Letter (July 26, 2019)
- Attachment 7 – AESO Public Notification of NID Filing Website Posting (August 2019)
- Attachment 8 – AESO Stakeholder Newsletter NID Filing Notice (August 13, 2019)

Attachment 1 – AESO Need Overview (March 2019)

Need for the Travers Solar Project Connection in the Lomond area

Greengate Power Corporation (Greengate) has applied to the Alberta Electric System Operator (AESO) for transmission system access to connect its proposed Travers Solar Project (Facility) in the Lomond area. Greengate's request can be met by the following solution:

PROPOSED SOLUTION

- Add one 240 kilovolt (kV) transmission line to connect the Facility to the existing 240 kV transmission line 1005L.
- 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-2019.
- The AESO's needs identification document (NID) application will be available on the AESO's website at 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.

GREENGATE

- Has requested transmission system access to connect the Facility.
- Is responsible for detailed siting and routing, and constructing the 240 kV transmission line to connect the Facility to the existing 240 kV transmission line 1005L.
- Must apply to the AUC for approval of its transmission facilities applications.

ALTALINK

- Is the transmission facility owner in the Lomond area.
- Is responsible for operating and maintaining the 240 kV transmission line and the associated equipment required to connect the Facility to the existing 240 kV transmission line 1005L.
- 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
1-888-866-2959

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

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

Attachment 2 – AESO Stakeholder Newsletter Need Overview Notice (March 19, 2019)

March 19, 2019

AESO Stakeholder Newsletter

GRID

Travers Solar Farm Connection – Need for Transmission Development in the Lomond area

Greengate Power Corporation (Greengate) has applied to the Alberta Electric System Operator (AESO) for transmission system access to connect its proposed Travers Solar Project (Facility) in the Lomond area. Greengate's request can be met by the following solution:

- Add one 240 kilovolt (kV) transmission line to connect the Facility to the existing 240 kV transmission line 1005L.
- 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 and follow the path: Grid > Projects > Travers Solar Project Connection.

**Attachment 3 – Greengate’s Project Newsletter – Travers Solar Project Connection
(March 2019)**

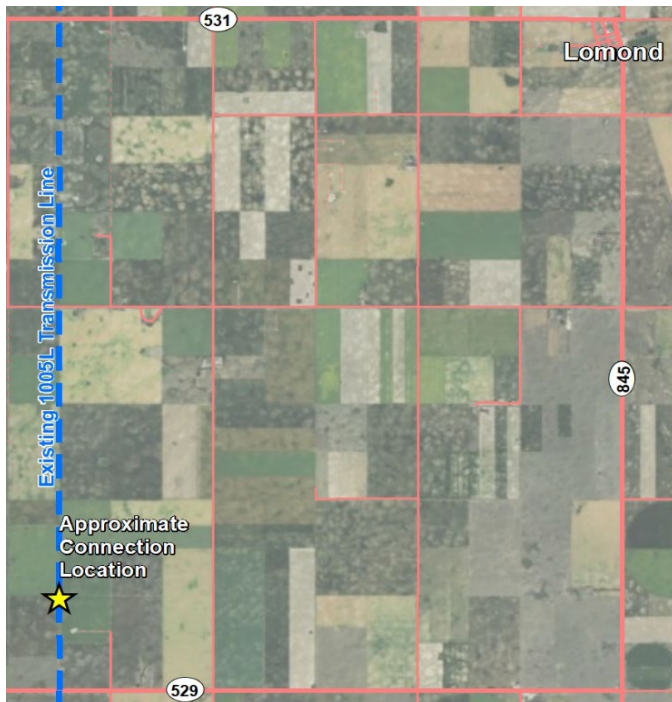
WHO IS THE AUC?

The Alberta Utilities Commission (AUC) is a quasi-judicial independent agency established by the Government of Alberta, responsible to ensure that the delivery of Alberta's utility service takes place in a manner that is fair, responsible and in the public interest.

They regulate investor-owned natural gas, electric and water utilities, and certain municipally-owned electric utilities to protect social, economic and environmental interests of Alberta where competitive market forces do not.

TRIVERS SOLAR PROJECT CONNECTION

Greengate Power Corporation (Greengate) has applied to the Alberta Electric System Operator (AESO) for transmission system access to connect its proposed Travers Solar Project to the Alberta electric system. If approved by the AUC, the Travers Solar Project Connection will include the construction of approximately 40m to 50m of new transmission line. The new transmission line will connect Greengate's proposed Travers Solar Project to the existing 240 kilovolt (kV) transmission line 1005L in the NE 13-15-21 W4M. The Travers Solar Project Connection is located approximately 13 km south west of Lomond, Alberta as shown below. Greengate is responsible for construction of the new transmission line. Once in-service, AltaLink will assume the operation and maintenance of the new line.



This project specific information package includes:

- Project Newsletter
- Project Map
- AUC Public Involvement Brochure
- AESO Need Overview

CONTACT



For additional information about the project or to arrange a personal consultation, please contact:

Scott Land & Lease Ltd.

Jason Pigeon

Phone: (403) 473-6661

Email:
jpigeon@scotland.ca

Below is the projected project schedule. Timing may be adjusted to reflect final plans.

TIMELINE

March 2019	→	Initiate Public Consultation
March 2019	→	Notification Package to Stakeholders
Q3 2019	→	File Facilities Application with AUC
Q4 2019	→	Anticipated AUC Approval
Q3/Q4 2020	→	Construction Commencement – If Approved

PROJECT MILESTONES

Example Three Monopole Structure



Example H-frame Wood Structure



TRANSMISSION LINE PROJECT DETAILS

Transmission Structures

In the unlikely event a structure is required, it will be approximately 25m high and similar to one of the two types shown on the left. The connection will be constructed within a 30m wide easement located entirely on private land.

Routing Selection

Greengate takes several factors into account in an effort to find a route with the least overall impact. Some of the factors we take into consideration are: agriculture; residential areas; environmental effects; impact on existing infrastructure; economic viability and other special considerations. Due to the short length of the connection, only one route is technically feasible.

Land Acquisition

The transmission line is located on private land and Greengate will require a 30 metre right-of-way, which will be acquired from landowners in the form of an easement agreement. Greengate may require additional off right-of-way access and construction workspace outside of the right-of-way in certain areas during construction.

Facility Application: A transmission facility owner proposing to build an electric facility must submit an application to the AUC to obtain a permit to construct and a license to operate the facility. The application filed is often referred to as a facility application.

Transmission Line: A conductor or conductors designed to carry electricity or an electrical signal over large distances with minimum losses and distortion. The transmission system in Alberta connects diverse sources of power generation including wind, high- efficiency coal, natural gas and more.

Easement: A right to use private or crown land for the placement of transmission lines and structures.



To learn more about the AUC application and review process, please contact:

Alberta Utilities Commission (AUC)
Phone: (780) 427-4903
Toll-Free by dialing 310-000 before the number
Email: consumer-relations@auc.ab.ca



Next Steps – Public Consultation and Application Process

Greengate and their agent, Scott Land & Lease Ltd., will undertake public consultation with stakeholders in the surrounding area. After the consultation process is complete, Greengate intends to file a Facilities Application (FA) for the Travers Solar Project Connection with the AUC in Q3 2019. The AUC will then review the FA and either approve or deny the project.

Stakeholders are encouraged to participate throughout this process. To learn more about the AUC process and how you can become involved, please refer to the AUC Public Involvement brochure in this package. It will introduce the nine steps necessary to become involved in the decision-making process.

Participating in a One-on-One Consultation

We will contact occupants, residents, landowners and other potentially affected stakeholders adjacent to the proposed project in order to gather input through one-on-one consultations. During the one-on-one consultation process we will document the information you provide and address any questions or concerns you may have about the project.

The AESO is an independent, not-for-profit organization responsible for the safe, reliable and economic planning and operation of the provincial transmission grid. For more information about why this project is needed, please refer to the AESO's Need Overview included with this package, or visit www.aeso.ca. If you have any questions or concerns about the need for this project or the proposed transmission development to meet the need you may contact the AESO directly. You can also make your questions or concerns known to a Greengate 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.

Alberta Electric System Operator (AESO)

1-888-866-2959

stakeholder.relations@aeso.ca

AltaLink Management Ltd. (AltaLink) is responsible for the modifications at AltaLink's existing 240 kV transmission line 1005L that are also required to connect the Travers Solar Project. AltaLink's modifications are separate from the facilities that Greengate is proposing to construct. To learn more about the connection to the existing 1005L transmission line owned by AltaLink, please contact:

AltaLink

1-877-267-1453 (toll free)

stakeholderrelations@altalink.ca



Travers Solar Project Connection



0 50 100 150 Meters



Existing 1005L Transmission Line
New Transmission Line

Project boundaries are preliminary
and subject to change*

Need for the Travers Solar Project Connection in the Lomond 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 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

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

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

Step 6: The public hearing process*

The public hearing process provides an opportunity for those who have been unable to resolve their concerns with the applicant and have made a filing, to express their views directly to a panel of Commission members. The panel reviews the initial filings and grants what is referred to as standing to those who may be directly and adversely affected by the proposed project. Standing is necessary to continue involvement as an intervener in the proceeding which may include the filing of evidence and participation in an oral or written hearing.

The AUC will issue a notice of hearing setting out the hearing date, location and additional process steps and deadlines. An AUC public hearing operates similarly to a court proceeding and is a quasi-judicial process. The general public is welcome to attend as an observer and the hearings are often broadcast online so that those interested can listen-in.

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

Persons who hire legal counsel or technical experts must be aware that while reimbursement for the costs of legal and technical assistance may be available under Rule 009, recovery of costs is subject to the Commission assessing the value of the contribution provided by counsel and technical experts. People with similar interests and positions are expected to work together to ensure that any expenditures for legal or technical assistance are minimized and costs are not duplicated.

Step 7: The decision

For electric transmission facilities, the need for transmission development filed by the Alberta Electric System Operator to the AUC must be considered to be correct unless someone satisfies the Commission that the needs application is technically deficient, or that to approve it would be contrary to the public

interest. For electric needs applications, the Commission can either approve, deny, or send the application back with suggestions for change.

Commission decisions made about applications filed for a specific utility development, including electric transmission lines, gas utility pipelines and power plants, may be approved, approved with conditions or denied. Decisions are typically released within 90 days from the close of the record as a written report. The decision, available on the AUC website, will summarize the Commission's findings and state its reasons for the decision with any conditions or approval time limits if applicable.

Sometimes needs and facility applications are considered together in a single proceeding.

Step 8: Right to appeal

A participant in a hearing who is dissatisfied with the decision of the Commission may request that the Commission review and vary its decision. Such a request must follow the procedure set out in Rule 016: *Review of Commission Decisions*.

A dissatisfied participant may also file a leave to appeal motion in the Court of Appeal of Alberta within 30 days from the date the decision is issued.

Step 9: Construction and operation

Any applicant that receives a permit to construct and licence to operate a facility from the Commission must adhere to any conditions that were set out in the decision. If you notice something during the construction or operational phases of a project that concerns you, bring this to the applicant's attention. If you are not satisfied with the response you receive, please bring your concerns to the attention of the AUC.

***Denotes opportunity for public involvement**

The Alberta Utilities Commission is committed to ensuring that Albertans whose rights may be directly and adversely affected by utility development in Alberta have the opportunity to have their concerns heard, understood and considered. If you believe you may be directly and adversely affected, you can become involved in the AUC application and review process.

Contact information

Phone: 780-427-4903
Email: consumer-relations@auc.ab.ca

Dial 310-0000 prior to the 10-digit number and then press 1 for toll-free access anywhere in Alberta.

Information session

It is our goal to ensure that you understand the process, and your opportunities for involvement in proceedings to consider utility development applications. For those interested in having an AUC staff member further explain the application and review process or answer questions you may have about your involvement in utility development proceedings, please contact us as we may schedule a formal information session for you. The virtual information session on our website, found under Involving Albertans, will also provide you with further details which could assist you in understanding the process and having your say in a utility development proceeding.

This brochure provides general information only. Specific participation opportunities may differ depending on the type of application.

Public involvement in a proposed utility development

Understanding your rights and options for participating in a proceeding to consider applications for a proposed project in your area

Application process

Step 1*

Public consultation by the applicant.

Step 2

Application filed with the AUC.

Step 3

The AUC issues a notice of application or notice of hearing.

Step 4*

Interested parties submit filings to the AUC with any outstanding issues or objections.

If the AUC does not receive any submissions, the application will be reviewed and a decision may be made without a hearing.

Step 5*

The AUC issues a notice of hearing, if it was not already issued in Step 3.

- Continued opportunity for consultation and negotiation with the applicant.

Step 6*

Public hearing.

Step 7

The AUC issues its decision. Below are the options the AUC may consider for:

Needs applications from the Alberta Electric System Operator:

- Approval of application.
- Return to the Alberta Electric System Operator with suggestions.
- Denial of application.

Facilities applications:

- Approval of application.
- Approval of application with conditions.
- Denial of application.

Step 8

Option to appeal decision or ask the AUC to review its decision.

Step 9

Approvals, construction and operation of facility, if approved.

Having your say

Early discussions with the applicant about proposed utility developments will often result in greater influence on what is filed in the application for approval. Utility developments include natural gas pipelines, electric transmission lines and substations (including Alberta Electric System Operator needs identification documents), and power plants. Should you have concerns related to a proposed utility development, it is best to have early and ongoing discussions with the applicant.

If your objections cannot be resolved, or you have outstanding concerns upon the filing of an application with the AUC, you have an opportunity to submit an initial filing with your objections in writing to the AUC containing the following information:

- How you may be affected by the proposed project and the location of your land or residence in relation to it or any alternative proposed in the application.
- The potential effect the proposed project may have on your property or interest in the property .
- A description of the extent to which you may be affected, and how you may be affected in a different way or to a greater degree than other members of the general public.

Following this initial filing, you may be able to fully participate in the proceeding. This could include having legal representation and participation in a public hearing. It is important to note that any applied for routes and segments (preferred and alternate) could be chosen as the approved route in the AUC decision.

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 is required to conduct public consultation in the area of the proposed project, so that concerns may be raised, addressed and if possible, resolved.

The requirements for consultation and notification, namely the participant involvement requirements, are set out in Rule 007 for electric facilities and Rule 020 for 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.

Step 2: Application to the AUC

When the participant involvement requirements have been completed, the proponent of the utility development files an application with the AUC. The application must indicate the issues which came up during the public consultation and any amendments considered or made to the project. Any unresolved objections or concerns which arose from the public consultation must be identified in the application.

*Denotes opportunity for public involvement

Step 3: Public notification

The Commission will issue a notice when it receives an application that, in the Commission's opinion, may directly and adversely affect the rights of one or more people. The notice is typically sent by mail to residents in the project area and may also be published in local newspapers. The notice will provide key dates, contacts and participation information for those interested in becoming involved in the application process.

Step 4: Public filings to the AUC*

If you have unresolved objections or concerns about the proposed project filed with the AUC for approval and wish to participate in an AUC proceeding, you must make an initial written filing. Your filing must include your contact information, concern or interest in the application, an explanation of your position and what you feel the AUC should decide. Please be aware that any information or materials filed with the AUC, except information granted confidentiality, is available to the public.

Filing your concerns

The eFiling System is a web-based tool created to manage applications and filings made to the AUC through a proceeding-based review. This system gives access to all public documents associated with applications filed with the AUC and is the most efficient way to provide your input to the AUC and monitor the related proceeding filings.

Those who do not have access to the Internet can send filings, evidence and other material by mail or fax and the AUC will upload the submission on your behalf.

Participant cost reimbursement

A person determined by the Commission to be a local intervener can apply for reimbursement of reasonable costs incurred while participating in an AUC proceeding. Details regarding recovery of participants' costs are described in Rule 009: *Rules on Local Intervener Costs*.

Step 5: Consultation and negotiation*

The Commission supports ongoing efforts to reach a positive outcome for the applicant and all affected parties. The Commission encourages the applicant and those who have made filings 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, typically those matters will be addressed at an AUC public hearing.

**Attachment 4 – TFO’s Project Newsletter – Greengate Travers Solar Connection Project
(March 2019)**



March 2019

Electric system improvements near you

Greengate Travers Solar Connection Project

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.

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

Greengate Power Corporation (Greengate) has requested a connection to the **transmission system** for their proposed Travers Solar Project. To facilitate this connection, Greengate is proposing to construct a new substation and transmission line.

AltaLink has been asked to connect Greengate's proposed transmission line to the electric system by connecting it to AltaLink's existing 1005L transmission line.

Although AltaLink's project is separate from Greengate's project, it is required to facilitate the connection of their proposed transmission line and solar power facility. Greengate will consult separately on their proposed line and facility. For more information about the Greengate project 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

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 over long distances 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
www.altalink.ca/projects



Top: The existing 1005L

Bottom: the proposed structure will look similar to the structure pictured below.



Project details

The proposed project involves modifying the 1005L circuit which forms part of AltaLink's existing 240 kilovolt (kV) double circuit 1005L/1036L transmission line in NW/NE-13-15-21-W4M, approximately 13 km southwest of the Village of Lomond in Vulcan County.

The modifications include rebuilding approximately 40 m of the existing 1005L transmission line and installing two new structures on the existing 1005L transmission line. The new structures will:

- be 240 kV steel pole structures
- be approximately 30 to 40 metres tall
- be located within the existing transmission line right-of-way; and
- require guy wires within the existing right-of-way.

Construction workspace and temporary access will be required on private land and is shown on the attached Detail Photo Map (DP1). AltaLink will contact stakeholders where private land access is required.

Please refer to the map included in this package which shows the proposed location of the modifications and structures.

Electric and Magnetic Fields (EMF)

AltaLink recognizes that people have concerns about exposure to Electric and Magnetic Fields (EMF) and we take those concerns 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 electrical facilities. If you have any questions about EMF, please contact us.

Website: www.altalink.ca/emf

Email: emfdialogue@altalink.ca

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

Providing your input

We will contact landowners, residents and occupants near the proposed project to gather input and address questions or concerns.

After the consultation process is complete we will file an application with the Alberta Utilities Commission (AUC). The AUC 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 *Public involvement in a proposed utility development*.

Anticipated project schedule

Notify and consult with stakeholders	March 2019
File application with Alberta Utilities Commission (AUC)	August 2019
Start construction if project is approved	October 2020
Construction completed	December 2020

Although we attempt to follow the anticipated project schedule it is subject to change. We will continue to provide you with updated schedule information if required as the project progresses.

Contact us

To learn more about the proposed project please contact:

ALATALINK

1-877-267-1453 (toll free)

E-mail: stakeholderrelations@altalink.ca

Website: www.altalink.ca/projects

To learn more about Greengate's solar power project, please contact:

GREENGATE POWER CORPORATION

Dan Tocher, VP Stakeholder Relations

1-833-GRN-GATE (1-833-476-4283) ext. 106 (toll free)

TraversSolar@greengatepower.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) stakeholder.relations@aeso.ca

The AESO is an independent, not-for-profit organization responsible for the safe, reliable and economic planning and operation of the provincial transmission grid. For more information about why this project is needed, please refer to the AESO's Need Overview included with this package, or visit www.aeso.ca. If you have any questions or concerns about the need for this project or the proposed transmission development to meet the need you may contact the AESO directly. You can make your questions or concerns known to a transmission facility owner representative who will collect your personal information for the purpose of addressing your questions and/or concerns to the AESO. This process may include disclosure of your personal information to the AESO.

To learn more about the application and review process, please contact:

ALBERTA UTILITIES COMMISSION (AUC)

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

E-mail: consumer-relations@auc.ab.ca

PRIVACY COMMITMENT

AltaLink is committed to protecting your privacy. AltaLink will collect, use, and disclose personal information in accordance with AltaLink's Privacy Policy and the *Personal Information Protection Act* (Alberta). As part of the regulatory process for new transmission projects, AltaLink may provide your personal information to Alberta Utilities Commission (AUC). For more information about how AltaLink protects your personal information, visit our website at www.altalink.ca/privacy or contact us directly via e-mail privacy@altalink.ca or phone at 1-877-267-6760.

INCLUDED IN THIS INFORMATION PACKAGE:

- Project map
- AESO Need Overview
- AUC brochure: *Public involvement in a proposed utility development*

SUBSCRIBE TO THIS PROJECT

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

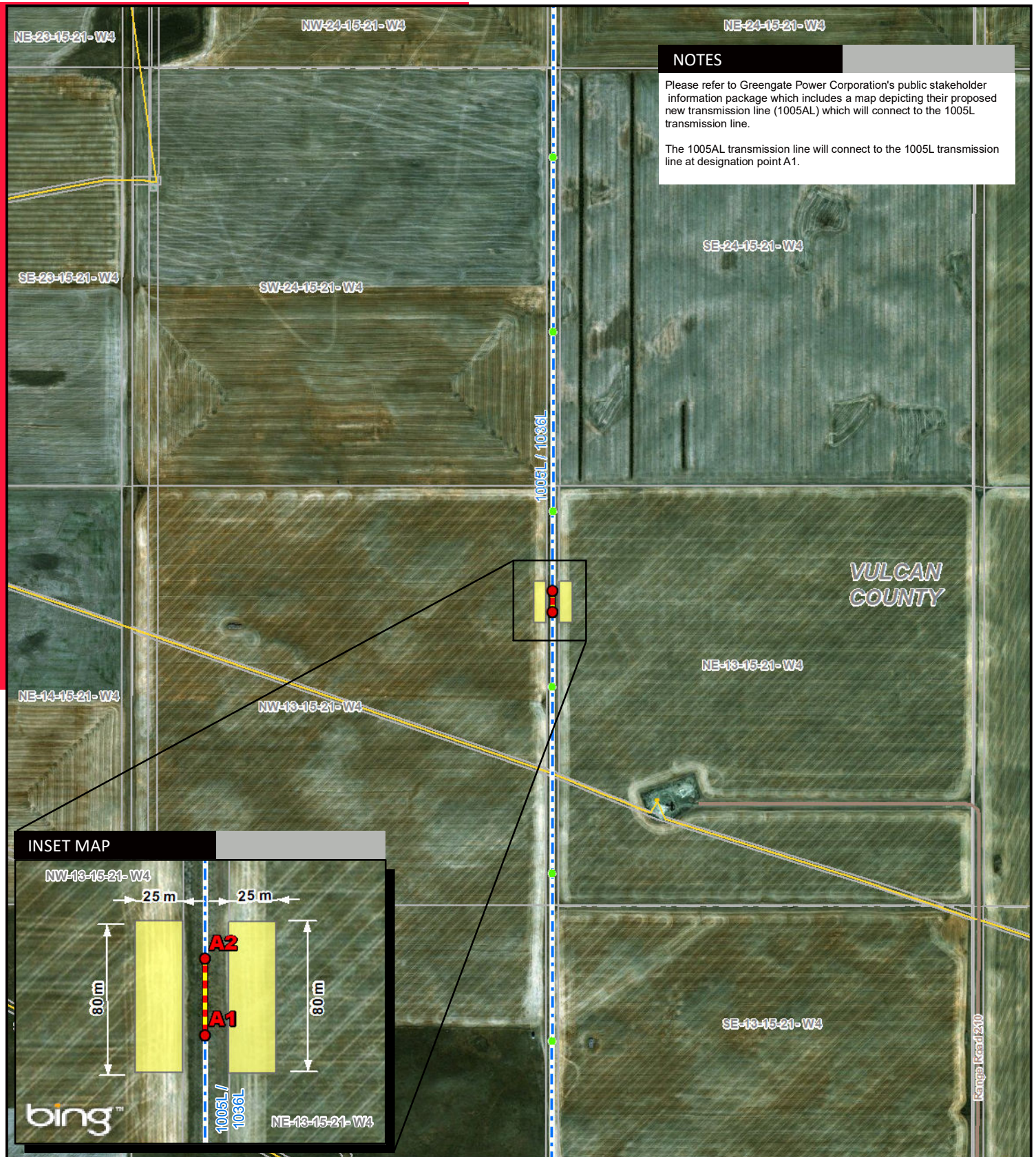
LET'S TALK TRANSMISSION



www.twitter.com/altalink



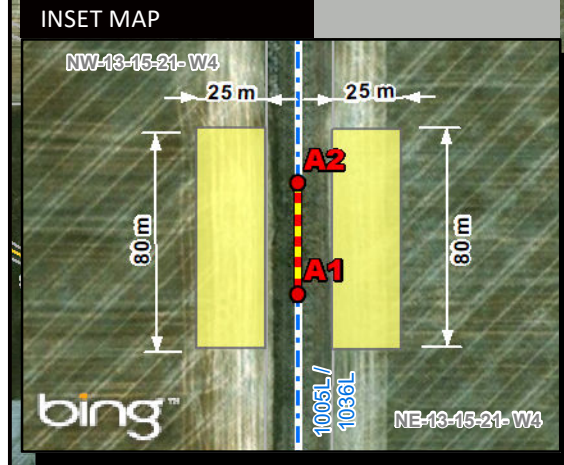
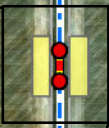
www.facebook.com/altalinktransmission



NOTES

Please refer to Greengate Power Corporation's public stakeholder information package which includes a map depicting their proposed new transmission line (1005AL) which will connect to the 1005L transmission line.

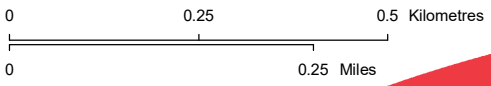
The 1005AL transmission line will connect to the 1005L transmission line at designation point A1.



LEGEND

- Point Designation
- Proposed Structure Addition
- Existing Structure
- ▬ Proposed Transmission Line Rebuild
- ▬ Existing Transmission Line
- ▬ Construction Workspace
- Wellsite
- ▬ Pipeline
- ▬ Road

NO: 35025450
 DRAWN: SG - AL
 FILE NO.: XXXXXXX
 REVISION: 0.02.01
 AL FOLDER: Greengate Travers Solar Connection
DATE: 2019-03-15



DETAIL PHOTO DP1

PROPOSED
 Greengate Travers Solar Connection

Service Layer Credits: © 2019 Microsoft Corporation © 2019 DigitalGlobe © CNES (2019) Distribution Airbus DS
 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 Travers Solar Project Connection in the Lomond area

Greengate Power Corporation (Greengate) has applied to the Alberta Electric System Operator (AESO) for transmission system access to connect its proposed Travers Solar Project (Facility) in the Lomond area. Greengate's request can be met by the following solution:

PROPOSED SOLUTION

- Add one 240 kilovolt (kV) transmission line to connect the Facility to the existing 240 kV transmission line 1005L.
- 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-2019.
- The AESO's needs identification document (NID) application will be available on the AESO's website at 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.

GREENGATE

- Has requested transmission system access to connect the Facility.
- Is responsible for detailed siting and routing, and constructing the 240 kV transmission line to connect the Facility to the existing 240 kV transmission line 1005L.
- Must apply to the AUC for approval of its transmission facilities applications.

ALTALINK

- Is the transmission facility owner in the Lomond area.
- Is responsible for operating and maintaining the 240 kV transmission line and the associated equipment required to connect the Facility to the existing 240 kV transmission line 1005L.
- 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
1-888-866-2959

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

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

Step 6: The public hearing process*

The public hearing process provides an opportunity for those who have been unable to resolve their concerns with the applicant and have made a filing, to express their views directly to a panel of Commission members. The panel reviews the initial filings and grants what is referred to as standing to those who may be directly and adversely affected by the proposed project. Standing is necessary to continue involvement as an intervener in the proceeding which may include the filing of evidence and participation in an oral or written hearing.

The AUC will issue a notice of hearing setting out the hearing date, location and additional process steps and deadlines. An AUC public hearing operates similarly to a court proceeding and is a quasi-judicial process. The general public is welcome to attend as an observer and the hearings are often broadcast online so that those interested can listen-in.

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

Persons who hire legal counsel or technical experts must be aware that while reimbursement for the costs of legal and technical assistance may be available under Rule 009, recovery of costs is subject to the Commission assessing the value of the contribution provided by counsel and technical experts. People with similar interests and positions are expected to work together to ensure that any expenditures for legal or technical assistance are minimized and costs are not duplicated.

Step 7: The decision

For electric transmission facilities, the need for transmission development filed by the Alberta Electric System Operator to the AUC must be considered to be correct unless someone satisfies the Commission that the needs application is technically deficient, or that to approve it would be contrary to the public

interest. For electric needs applications, the Commission can either approve, deny, or send the application back with suggestions for change.

Commission decisions made about applications filed for a specific utility development, including electric transmission lines, gas utility pipelines and power plants, may be approved, approved with conditions or denied. Decisions are typically released within 90 days from the close of the record as a written report. The decision, available on the AUC website, will summarize the Commission's findings and state its reasons for the decision with any conditions or approval time limits if applicable.

Sometimes needs and facility applications are considered together in a single proceeding.

Step 8: Right to appeal

A participant in a hearing who is dissatisfied with the decision of the Commission may request that the Commission review and vary its decision. Such a request must follow the procedure set out in Rule 016: *Review of Commission Decisions*.

A dissatisfied participant may also file a leave to appeal motion in the Court of Appeal of Alberta within 30 days from the date the decision is issued.

Step 9: Construction and operation

Any applicant that receives a permit to construct and licence to operate a facility from the Commission must adhere to any conditions that were set out in the decision. If you notice something during the construction or operational phases of a project that concerns you, bring this to the applicant's attention. If you are not satisfied with the response you receive, please bring your concerns to the attention of the AUC.

***Denotes opportunity for public involvement**

The Alberta Utilities Commission is committed to ensuring that Albertans whose rights may be directly and adversely affected by utility development in Alberta have the opportunity to have their concerns heard, understood and considered. If you believe you may be directly and adversely affected, you can become involved in the AUC application and review process.

Contact information

Phone: 780-427-4903
Email: consumer-relations@auc.ab.ca

Dial 310-0000 prior to the 10-digit numbers for toll-free access anywhere in Alberta.

Information session

It is our goal to ensure that you understand the process, and your opportunities for involvement in proceedings to consider utility development applications. For those interested in having an AUC staff member further explain the application and review process or answer questions you may have about your involvement in utility development proceedings, please contact us as we may schedule a formal information session for you. The virtual information session on our website, found under Involving Albertans, will also provide you with further details which could assist you in understanding the process and having your say in a utility development proceeding.

This brochure provides general information only. Specific participation opportunities may differ depending on the type of application.



Public involvement in a proposed utility development

Understanding your rights and options for participating in a proceeding to consider applications for a proposed project in your area

Application process

Step 1*

Public consultation by the applicant.

Step 2

Application filed with the AUC.

Step 3

The AUC issues a notice of application or notice of hearing.

Step 4*

Interested parties submit filings to the AUC with any outstanding issues or objections.

If the AUC does not receive any submissions, the application will be reviewed and a decision may be made without a hearing.

Step 5*

The AUC issues a notice of hearing, if it was not already issued in Step 3.

- Continued opportunity for consultation and negotiation with the applicant.

Step 6*

Public hearing.

Step 7

The AUC issues its decision. Below are the options the AUC may consider for:

Needs applications from the Alberta Electric System Operator:

- Approval of application.
- Return to the Alberta Electric System Operator with suggestions.
- Denial of application.

Facilities applications:

- Approval of application.
- Approval of application with conditions.
- Denial of application.

Step 8

Option to appeal decision or ask the AUC to review its decision.

Step 9

Approvals, construction and operation of facility, if approved.

Having your say

Early discussions with the applicant about proposed utility developments will often result in greater influence on what is filed in the application for approval. Utility developments include natural gas pipelines, electric transmission lines and substations (including Alberta Electric System Operator needs identification documents), and power plants. Should you have concerns related to a proposed utility development, it is best to have early and ongoing discussions with the applicant.

If your objections cannot be resolved, or you have outstanding concerns upon the filing of an application with the AUC, you have an opportunity to submit an initial filing with your objections in writing to the AUC containing the following information:

- How you may be affected by the proposed project and the location of your land or residence in relation to it or any alternative proposed in the application.
- The potential effect the proposed project may have on your property or interest in the property .
- A description of the extent to which you may be affected, and how you may be affected in a different way or to a greater degree than other members of the general public.

Following this initial filing, you may be able to fully participate in the proceeding. This could include having legal representation and participation in a public hearing. It is important to note that any applied for routes and segments (preferred and alternate) could be chosen as the approved route in the AUC decision.

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 is required to conduct public consultation in the area of the proposed project, so that concerns may be raised, addressed and if possible, resolved.

The requirements for consultation and notification, namely the participant involvement requirements, are set out in Rule 007 for electric facilities and Rule 020 for 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.

Step 2: Application to the AUC

When the participant involvement requirements have been completed, the proponent of the utility development files an application with the AUC. The application must indicate the issues which came up during the public consultation and any amendments considered or made to the project. Any unresolved objections or concerns which arose from the public consultation must be identified in the application.

*Denotes opportunity for public involvement

Step 3: Public notification

The Commission will issue a notice when it receives an application that, in the Commission's opinion, may directly and adversely affect the rights of one or more people. The notice is typically sent by mail to residents in the project area and may also be published in local newspapers. The notice will provide key dates, contacts and participation information for those interested in becoming involved in the application process.

Step 4: Public filings to the AUC*

If you have unresolved objections or concerns about the proposed project filed with the AUC for approval and wish to participate in an AUC proceeding, you must make an initial written filing. Your filing must include your contact information, concern or interest in the application, an explanation of your position and what you feel the AUC should decide. Please be aware that any information or materials filed with the AUC, except information granted confidentiality, is available to the public.

Filing your concerns

The eFiling System is a web-based tool created to manage applications and filings made to the AUC through a proceeding-based review. This system gives access to all public documents associated with applications filed with the AUC and is the most efficient way to provide your input to the AUC and monitor the related proceeding filings.

Those who do not have access to the Internet can send filings, evidence and other material by mail or fax and the AUC will upload the submission on your behalf.

Participant cost reimbursement

A person determined by the Commission to be a local intervener can apply for reimbursement of reasonable costs incurred while participating in an AUC proceeding. Details regarding recovery of participants' costs are described in Rule 009: *Rules on Local Intervener Costs*.

Step 5: Consultation and negotiation*

The Commission supports ongoing efforts to reach a positive outcome for the applicant and all affected parties. The Commission encourages the applicant and those who have made filings 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, typically those matters will be addressed at an AUC public hearing.

Attachment 5 – TFO’s Project Update Letter – Greengate Travers Solar Connection Project (May 15, 2019)

May 15, 2019

**Greengate Travers Solar Connection
Project update**

Thank you for your ongoing participation in the Greengate Travers Solar Connection project. We would like to provide you with some updated project information since we last mailed information to stakeholders in March 2019.

Project Background

Greengate Power Corporation (Greengate) has requested a connection to the transmission system for their proposed Travers Solar Project. To facilitate this connection, Greengate is proposing to construct a new substation and transmission line.

AltaLink is proposing to connect Greengate's proposed transmission line to the electric system by connecting it to AltaLink's existing 1005L transmission line. The proposed project involves modifying the 1005L circuit, which forms part of AltaLink's existing 240 kilovolt (kV) double circuit 1005L/1036L transmission line. The modifications include rebuilding approximately 40 metres of the existing 1005L transmission line and installing two new structures on the existing 1005L transmission line.

Updated Information

AltaLink is proposing to install a telecommunications tower at Greengate's Little Bow Substation. The project is located in NW/NE-13-15-21-W4M, approximately 13 kilometres southwest of the Village of Lomond in Vulcan County. The proposed tower:

- will be approximately 22 metres tall including lightning rod
- will be a self-supported steel lattice structure
- will have a triangular base with each side measuring approximately 1.5 metres
- may be painted and have lighting to comply with Transport Canada's requirements
- will support one antenna

Please refer to the map included in this package which shows the proposed location of the new tower.

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 local 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.

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.



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. A licensed telecommunications tower will not impact any other licensed telecommunication frequencies such as cellular, over-the-air television, satellite, radio, or GPS.

The radio installation described in this notification will be installed and operated on an ongoing basis so as to comply with Health Canada's Safety Code 6, which defines safe levels of radio frequency (RF) exposure. To ensure the structural adequacy of the tower, the design and installation will follow industry standards and sound engineering practices.

Next Steps

We will contact landowners, residents and occupants near the proposed project to gather input and address questions or concerns.

We anticipate filing a facility application with the AUC for the project in August 2019. The AUC will review the application and can approve, approve with conditions, or deny the project. We will notify stakeholders when we file the application and again when the AUC has reached a decision about the project.

Contact us

We are available to address any questions or concerns you may have regarding the project. Please contact us at stakeholderrelations@altalink.ca or 1.877.269.5903.

Further information about this project and maps are available at:
<http://www.altalink.ca/projects/view/317/travers-solar-connection-project>.

Sincerely,



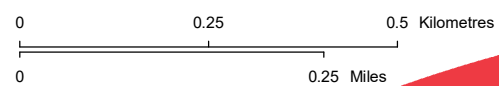
Dave Lee
Manager, Consultation





- LEGEND**
- Point Designation
 - Proposed Structure Addition
 - ▲ Proposed Telecommunication Tower
 - Existing Structure
 - ▬ Proposed Transmission Line Rebuild
 - ▬ Proposed Customer Transmission Line
 - ▬ Existing Transmission Line
 - ▭ Proposed Customer Substation
 - ▭ Construction Workspace
 - Wellsite
 - ▬ Pipeline
 - ▬ Road

NO: 35025450 - 0025
 DRAWN: SG - AL
 FILE NO.: XXXXXXXX
 REVISION: 0.03.04
 AL FOLDER: Greengate Travers Solar Connection
DATE: 2019-04-23



DETAIL PHOTO **DP1**

PROPOSED
 Greengate Travers Solar Connection

Service Layer Credits: © 2019 Microsoft Corporation © 2019 DigitalGlobe © CNES (2019) Distribution Airbus DS
 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.

Attachment 6 – AESO Market Participant Notification Letter (July 26, 2019)

July 26, 2019

[Notified Market Participant]**[Notified Market Participant Address]**Dear **Notified Market Participant**:Re: **Need for the Travers Solar Project Connection in the Lomond area**

The Alberta Electric System Operator (AESO) would like to advise you that Greengate Power Corporation (Greengate) has applied for transmission system access to connect its Travers Solar Project (planned Facility) to the Alberta interconnected electric system (AIES) in the AESO 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 planned Facility to the AIES, and the AESO's next steps, which includes 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 some potential system conditions, the operation of the **[Notified Market Participant Facility]** may be affected following the connection of the planned Facility.¹

Connection Assessment Findings

An engineering connection assessment was carried out by the AESO to assess the transmission system performance following the connection of the planned Facility. The connection assessment identified the potential for system performance issues, under certain abnormal (Category B) system conditions, following the connection of the planned Facility.

Transmission Constraint Management

To mitigate these potential system performance issues, existing and planned remedial action schemes (RASs) may be modified. In addition, new RASs may be required.

The AESO may also make use of real-time operational measures to mitigate these potential system performance issues, in accordance with Section 302.1 of the ISO rules, *Real Time Transmission Constraint Management* (TCM Rule). When applied, the TCM Rule could result in the AESO issuing directives for curtailment to source assets that are effective in managing a constraint.

The connection assessment identified source assets, including the **[Notified Market Participant Facility]**, which are effective in mitigating the potential transmission constraints.

¹ The studies were performed assuming the Rate STS, *Supply Transmission Service*, contract capacity of 400 MW.

Renewable Generation Integration

The actual impacts of the connection of the planned Facility will depend on the actual energization timing, as well as the energization timing of other planned renewable generation connection projects in the area. The AESO will ensure plans are in place when impacts of the planned Facility, and the other planned renewable generation connection projects in the area become certain. As mentioned in the AESO's *2019 Transmission Capability Assessment for Renewables Integration* report,² renewable integration capability could be achieved through use of RASs, which is consistent with the findings of the engineering connection assessment.

For Further Information

The engineering connection assessment will be included in the AESO's Travers 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

Yours truly,

"Electronically signed by"

Maz Mazadi, PhD, P.Eng., SMIEEE
Manager, Project and System Access Studies

Attachments:

AESO Need Overview: *Need for the Travers Solar Project Connection in the Lomond area*

² Available on the AESO website at: <https://www.aeso.ca/grid/long-term-transmission-plan/>

Need for the Travers Solar Project Connection in the Lomond area

Greengate Power Corporation (Greengate) has applied to the Alberta Electric System Operator (AESO) for transmission system access to connect its proposed Travers Solar Project (Facility) in the Lomond area. Greengate's request can be met by the following solution:

PROPOSED SOLUTION

- Add one 240 kilovolt (kV) transmission line to connect the Facility to the existing 240 kV transmission line 1005L.
- 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-2019.
- The AESO's needs identification document (NID) application will be available on the AESO's website at 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.

GREENGATE

- Has requested transmission system access to connect the Facility.
- Is responsible for detailed siting and routing, and constructing the 240 kV transmission line to connect the Facility to the existing 240 kV transmission line 1005L.
- Must apply to the AUC for approval of its transmission facilities applications.

ALTALINK

- Is the transmission facility owner in the Lomond area.
- Is responsible for operating and maintaining the 240 kV transmission line and the associated equipment required to connect the Facility to the existing 240 kV transmission line 1005L.
- 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
1-888-866-2959

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

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

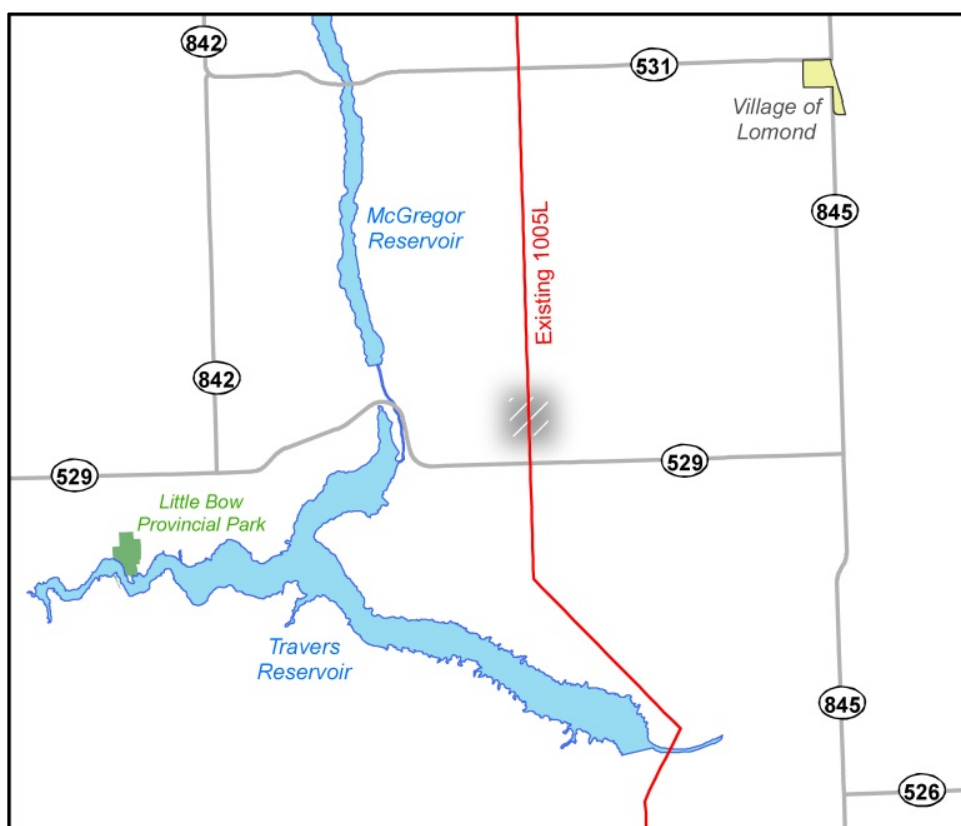
Attachment 7 – AESO Public Notification of NID Filing Website Posting (August 2019)

Notification of Needs Identification Document Filing Addressing the Need for the Travers Solar Project Connection in the Lomond Area

The Alberta Electric System Operator (AESO) advises you that it intends to file a Needs Identification Document (NID) for the Travers Solar Project Connection with the Alberta Utilities Commission (AUC) on or after August 28, 2019.

Greengate Power Corporation (Greengate) has applied to the AESO for transmission system access to connect its proposed Travers Solar Project (Facility) in the Lomond area. Greengate's request can be met by the following solution:

- Add one 240 kilovolt (kV) transmission line to connect the Facility to the existing 240 kV transmission line 1005L.
- Add or modify associated equipment as required for the above transmission developments.



The shaded area on the map indicates the approximate location of the proposed transmission developments, including the 240 kV transmission line. The specific transmission facilities may extend beyond the shaded area shown.

Greengate is responsible for siting, routing and constructing the new 240 kV circuit. AltaLink Management Ltd. is the transmission facility owner (TFO) in the Lomond area and is responsible for operating and maintaining the new 240 kV circuit and the associated facilities.

In March 2019, the AESO, Greengate 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/travers-solar-project-connection/>

In separate applications, called Facility Applications, Greengate 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 or contact us at 1-888-866-2959 or stakeholder.relations@aeso.ca.

Attachment 8 – AESO Stakeholder Newsletter NID Filing Notice (August 13, 2019)

August 13, 2019

AESO Stakeholder Newsletter



Travers Solar Project Connection – Notice of NID Filing

Greengate Power Corporation (Greengate) has applied to the Alberta Electric System Operator (AESO) for transmission system access to connect its proposed Travers Solar Project (Facility) in the Lomond area. Greengate's request can be met by the following solution:

- Add one 240 kilovolt (kV) transmission line to connect the Facility to the existing 240 kV transmission line 1005L.
- Add or modify associated equipment as required for the above transmission developments.

The AESO intends to file the Travers Solar Project Connection Needs Identification Document (NID) application with the Alberta Utilities Commission (AUC) on or after Aug. 28, 2019, 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 and follow the path: Grid > Project > Travers Solar Project Connection to see all the relevant documents, including the NID application once it is filed with the AUC.