

## 1. Introduction

From June 2022 to February 2023, the AESO conducted a Participant Involvement Program (PIP) for the *Jurassic Solar Project Connection*. The AESO required the Market Participant, Jurassic Solar LP (Jurassic 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 Stakeholders and Indigenous groups in the area where the AESO has reasonably determined that facilities could be installed to implement the AESO's preferred option to respond to the request for system access service.

The AESO's PIP has been conducted in accordance with the requirements of Section 7.1.2, NID12 and Appendix A2 of the current Alberta Utilities Commission (Commission) Rule 007 (AUC Rule 007), effective April 25, 2022.

## 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.

A copy of the Need Overview was posted to the AESO website at <https://www.aeso.ca/grid/projects/jurassic-solar-project-connection-2411/> and a notice was published in the AESO Stakeholder Newsletter on June 9, 2022. 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 Jurassic Solar'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 Jurassic Solar's PIP

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

Jurassic Solar notified a total of approximately 20 Stakeholders, of which 5 were classified as private or individual landowners. The other 15 notified Stakeholders are listed below:

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<sup>1</sup> Jurassic Solar 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.

- Alberta Environment and Parks
- AltaLink Management Ltd.
- Altagas Utilities Inc.
- Cor4 Oil Corp.
- Cypress County
- Foothills Pipelines Ltd.
- FortisAlberta Inc.
- Ministry of Culture, Multiculturalism and Status of Women
- NAV Canada
- NOVA Gas Transmission Ltd.
- Prairie Provident Resources Canada Ltd.
- Special Areas Board No. 2
- Taqa North Ltd.
- Torxen Energy Ltd.
- Transport Canada

Attachment 3 includes Jurassic Solar's project newsletter, which was included with the AESO Need Overview in Jurassic Solar's project-specific information package that was distributed to the Stakeholders described above on June 8, 2022. Jurassic Solar's project newsletter and the AESO Need Overview were also posted on Jurassic Solar's project-specific webpage at <https://www.jurassic-solar.com/> on June 8, 2022.

Jurassic Solar'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 Jurassic Solar, 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 for the Proposed AltaLink Development included notification within 800 meters of the proposed telecommunications tower and 200 meters of the existing right of way boundary, as recommended by the Commission in Appendix A1 in AUC Rule 007.<sup>2</sup>

The TFO notified a total of approximately 27 Stakeholders, of which 3 were classified as private or individual landowners. The other 24 notified Stakeholders are listed below:

- Alberta Environment and Parks
- Alberta Transportation
- Altagas Utilities Inc.
- Arsenal Energy Inc.
- Cor4 Oil Corp.
- County of Newell
- Cypress County
- Eastern Irrigation District

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

- Foothills Pipelines Ltd.
- FortisAlberta Inc.
- Greengate Power Corporation
- Imaginea Energy Corp.
- Innovation, Science and Economic Development
- Jurassic Solar LP
- Ministry of Culture, Multiculturalism and Status of Women
- NAV Canada
- North 40 Resources Ltd.
- NOVA Gas Transmission Ltd.
- Prairie Provident Resources
- Special Areas #2
- Tallahassee Exploration Inc.
- Taqa North Ltd.
- Torxen Energy Ltd.
- Transport Canada

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 June 16, 2022 and July 14, 2022. The TFO's project newsletter and the AESO Need Overview were also posted on the TFO's project-specific webpage at <https://www.altalink.ca/projects/view/392/jurassic-solar-projectconnection> on June 16, 2022. 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, Jurassic Solar or the AESO for additional information.

### 3. Stakeholders Notified by the AESO

The AESO also notified 16 market participants that the AESO determined may have an interest in the Jurassic Solar Project Connection. The AESO identified that, under certain potential system conditions, these market participants may be affected following the connection of the Jurassic Solar Project Connection. A Market Participant Notification Letter, which included the Need Overview, was sent to the notified market participants on October 5, 2022. Since issuing the Market Participant Notification Letter, the AESO identified additional potential system conditions which these market participants may be affected by following the connection of the Jurassic Solar Project Connection. The AESO notified market participants on October 17, 2022 with an updated Market Participant Letter which also included the Need Overview.

The sixteen notified market participants are as follows:

- Alberta Power 2000 Ltd.
- BER Hand Hills Wind GP Inc.
- Capital Power Generation Services Inc.
- Capstone Infrastructure Corporation
- Concord Drumheller Partnership
- EDP Renewables SH Project LP
- Enel Alberta Wind Inc.

- Enfinite Corporation
- Ghost Pine Wind Farm Limited Partnership
- Jenner Wind GP Inc.
- Neoen Renewables Canada Inc.
- Oldman 2 Wind Farm Limited
- Paintearth Wind Project LP, by its General Partner Paintearth Wind Project Ltd.
- Pattern Development Lanfine Wind ULC
- TransAlta Corporation
- Wheatland Wind Project LP

A generic version of the Market Participant Notification Letter was posted to the AESO website on October 5, 2022 and the generic version of the updated Market Participant Notification Letter posted thereafter on October 17, 2022 at <https://www.aeso.ca/grid/projects/wheatcrest-solar-project-connection-2348/>. Copies of the letters have been included as Attachment 5 and Attachment 6.

## 4. Notification of ANAP Consideration

Most recently, the AESO notified Stakeholders of its intention to consider the need for the Jurassic Solar Project Connection to be approved under the AESO's Abbreviated Needs Approval Process, (ANAP) by posting a Notification of ANAP Consideration to the AESO website at <https://www.aeso.ca/grid/projects/jurassic-solar-project-connection-2411/> and a publishing notice in the AESO Stakeholder Newsletter on February 2, 2023. Copies of the Notification of ANAP Consideration 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](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, Jurassic Solar 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. Questions and Concerns 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 Jurassic Solar Project. The AESO responded to the Stakeholder by providing information about the following:

- the assumptions and results of the AESO's engineering connection assessment including how the Stakeholder's operations might be affected following the connection of the Jurassic Solar Project and other generation facilities in the area;
- how Remedial Action Schemes (RAS's) and the *Real Time Transmission Constraint Management* (TCM) Rule applies to the Stakeholder's operations;
- how and when the TCM Rule is applied;
- the status of the approved Central East Transfer-out Transmission Development to assist with alleviating constraints in the area; and
- the timing and content of the AESO's forthcoming Notice of ANAP consideration posting.

Jurassic Solar and the TFO have advised the AESO that none of the Stakeholders notified by Jurassic Solar 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 inquiry 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 (June 2022)
- Attachment 2 – AESO Stakeholder Newsletter Need Overview Notice (June 9, 2022)
- Attachment 3 – Jurassic Solar's Project Newsletter (June 2022)
- Attachment 4 – TFO Project Newsletter – *Jurassic Solar Project Connection* (June 2022)
- Attachment 5 – AESO Market Participant Notification Letter (October 5, 2022)
- Attachment 6 – Updated AESO Market Participant Notification Letter (October 17, 2022)
- Attachment 7 – AESO Public Notification of ANAP Consideration Posting (February 2023)
- Attachment 8 – AESO Stakeholder Newsletter Notice of ANAP Consideration (February 2, 2023)

**Attachment 1 – AESO Need Overview (June 2022)**

# Need for the Jurassic Solar Project Connection in the Iddesleigh area

*Jurassic Solar LP (Jurassic) has applied to the Alberta Electric System Operator (AESO) for transmission system access to connect its proposed Jurassic Solar Project (Facility) in the Iddesleigh area. Jurassic'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 944L in a T-tap configuration.
- Add or modify associated equipment as required for the above transmission developments.

## NEXT STEPS

- The AESO intends to approve this request for transmission system access under the abbreviated needs approval process (ANAP) in late-2022.
- A minimum of 14 days prior to the project being considered under the ANAP Rule, the AESO will notify stakeholders and post supporting documents on the AESO's website at [www.aeso.ca/grid/projects](http://www.aeso.ca/grid/projects).
- If the AESO does not approve the need for this project under the ANAP Rule, the AESO may submit a needs identification document (NID) application to the Alberta Utilities Commission (AUC) for approval of the need for this project.

*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.
- Can approve certain requests for system access service through the ANAP. If this project no longer qualifies for approval under the ANAP, the AESO will prepare and submit a NID.
- Is regulated by the AUC and must apply to the AUC for approval of its NID.

## JURASSIC SOLAR

- Has requested transmission system access to connect the Facility.
- Is responsible for detailed siting and routing, and constructing the new 240 kV transmission line to connect the Facility to the transmission line 944L.
- Must apply to the AUC for approval of its transmission facilities applications.

## ALTALINK

- Is the transmission facility owner in the Iddesleigh area.
- Is responsible for operating and maintaining the new 240 kV transmission line, and constructing, operating and maintaining the transmission facilities associated with the transmission line 944L modification.
- 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@aes0.ca](mailto:stakeholder.relations@aes0.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) | [@theaes0](https://twitter.com/theaes0)

**Attachment 2 – AESO Stakeholder Newsletter Need Overview Notice (June 9, 2022)**



June 9, 2022

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# AESO Stakeholder Newsletter

## GRID

### **Jurassic Solar Project Connection – Need for Transmission Development in the Iddesleigh area**

Jurassic Solar LP (Jurassic) has applied to the AESO for transmission system access to connect its proposed Jurassic Solar Project (Facility) in the Iddesleigh area. Jurassic'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 944L 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 > Transmission Projects > Jurassic Solar Project Connection (2411).

**Attachment 3 – Jurassic Solar’s Project Newsletter (June 2022)**



**JURASSIC**  
SOLAR+

June 2022  
Newsletter

# Jurassic Solar Project Connection

## PROJECT INTRODUCTION

Jurassic Solar LP, by its general partner Jurassic Solar GP Ltd. (the Proponent) has applied to the Alberta Electric System Operator (AESO) for transmission system access to connect its proposed Jurassic Solar Project to the Alberta electric system. For the Jurassic Solar Project Connection Project, the Proponent is proposing to construct approximately 45 m of new transmission line, known as 944AL (the Project), to connect the proposed Raptor 1080S substation to the existing AltaLink Management Ltd. (AltaLink) 240 kV transmission line 944L in a T-tap configuration. The Proponent is responsible for the design and construction of the new transmission line. Once in service, AltaLink will assume the operation and maintenance of the new line as part of the Alberta Interconnected Electric System.

## 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 ensure that customers receive safe and reliable service at just and reasonable rates. The AUC ensures that electric facilities are built, operated and decommissioned in an efficient and environmentally responsible way. The AUC also provides regulatory oversight of issues related to the development and operation of the wholesale electricity market in Alberta as well as the retail gas and electricity markets in the province. For more information visit [www.auc.ab.ca](http://www.auc.ab.ca) or refer to the enclosed brochure.

## PRIVACY STATEMENT

Jurassic Solar LP is committed to protecting your privacy. Collected personal information will be protected under the provincial Personal Information Protection Act. As part of the regulatory process for new generation projects, Jurassic Solar LP may be required to provide your personal information to the Alberta Utilities Commission (AUC). For more information about how Jurassic Solar LP protects your personal information, visit our website at [www.jurassic-solar.com](http://www.jurassic-solar.com) or contact us at (403) 607-1308.

## PROJECT DETAILS

The proposed Project is located approximately 6.4 km southwest of the Hamlet of Iddesleigh, as shown on the map below. The proposed Raptor 1080S substation is located in the NW 18-20-10 W4M and the interconnection will run north to the existing AltaLink transmission line, which runs east-west through the Jurassic Solar+ Project. The new transmission line will require a 30 m wide easement, which will be acquired from the landowner. No new structures are expected for the new transmission line.



## ROUTING SELECTION

The proposed Raptor 1080S substation was sited directly adjacent to the existing AltaLink 240 kV transmission line resulting in an approximate 45 m interconnection. As such, only one route is being proposed for the Project. The proposed interconnection is wholly-located on private, cultivated land and an easement will be acquired from the landowner. The Proponent will permit, construct and temporarily operate the transmission line. Approximately six months following energization, the transmission line will be turned over to AltaLink for operation.

## FACILITIES 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 facilities application. The Proponent expects to file a facilities application in September 2022. The AUC will then review the facilities application and either approve (with or without conditions) or deny the application.

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

Alberta Utilities Commission (AUC)

Phone: (780) 427-4903

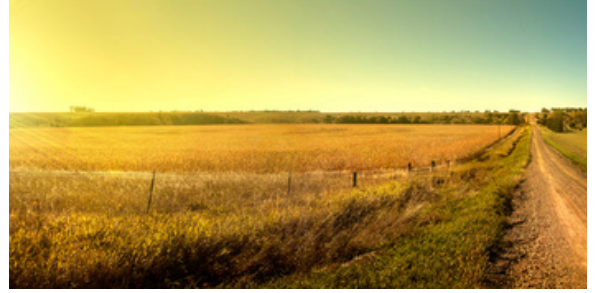
Toll-Free by dialing 310-000 before the number

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

# Jurassic Solar Project Connection Project - June 2022

## PRELIMINARY SCHEDULE

Notification to stakeholders – June 2022  
Public Consultation – Ongoing  
File Facilities Application with AUC – September 2022  
Anticipated AUC Approval – November 2022  
Construction Commencement (if approved) – April 2023



## WHO IS THE AESO?

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 also make your questions or concerns known to a Jurassic Solar LP 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)**

[stakeholder.relations@aeso.ca](mailto:stakeholder.relations@aeso.ca)  
1-888-866-2959  
[www.aeso.ca](http://www.aeso.ca)

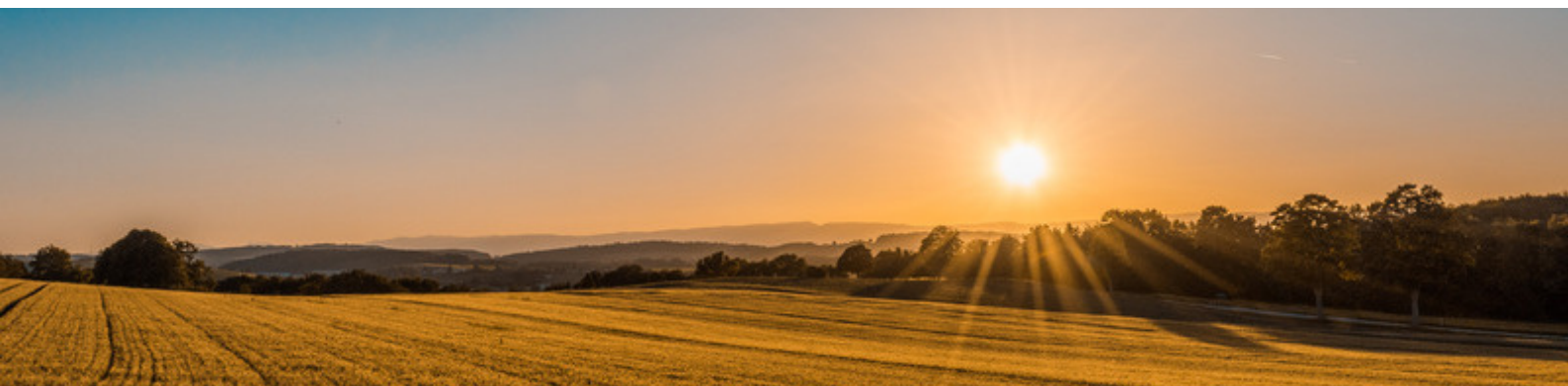
## WHO IS ALTALINK?

AltaLink is responsible for any modifications to AltaLink's existing 240 kV transmission line 944L that are also required to connect the Jurassic Solar+ Project, as well as the construction of a telecommunications tower. AltaLink's modifications are separate from the facilities that Jurassic Solar LP is proposing to construct, and AltaLink will send a separate newsletter detailing their proposed work.

To learn more about the connection to the existing 944L transmission line owned by AltaLink, please contact:

### **AltaLink Management Ltd.**

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



## CONTACT US



Jurassic Solar LP  
c/o Greengate Power Corporation  
Suite 350, 237 8 Ave SE  
Calgary, AB T2G 5C3



Dan Tocher  
VP, Stakeholder Relations  
[dant@greengatepower.com](mailto:dant@greengatepower.com)  
(403) 607-1308  
[www.jurassic-solar.com](http://www.jurassic-solar.com)

# Jurassic Solar Project Connection Project



0 100 200 300 400 m



- Existing AltaLink Structure
- Existing 944L Transmission Line
- 30m Wide Easement
- Proposed Raptor 1080S Substation

# Need for the Jurassic Solar Project Connection in the Iddesleigh area

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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.

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2500, 330-5th Avenue SW  
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Phone: 403-539-2450

[www.aeso.ca](http://www.aeso.ca) | [@theaes0](https://twitter.com/theaes0)

## 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 4 – TFO Project Newsletter – Jurassic Solar Project Connection (June 2022)**

# Electric system improvements near you

## Jurassic Solar Project Connection

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).

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

To connect Jurassic Solar LP's (Jurassic Solar) Jurassic Solar Project to the grid, AltaLink is proposing changes to its **transmission** system in the area.

Although AltaLink's project is required to facilitate the connection of Jurassic Solar's project, it is a separate project. Jurassic Solar will consult separately on their proposed transmission line and **substation**. For more information about Jurassic Solar, see their contact information on the back of this newsletter.

We are providing you with:

- project details
- a map of the proposed project
- 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 where power is used. Transmission lines transport large amounts of power over long distances across the province. The transmission system connects diverse sources of power generation including wind, high-efficiency coal, natural gas and more.

##### **Substation**

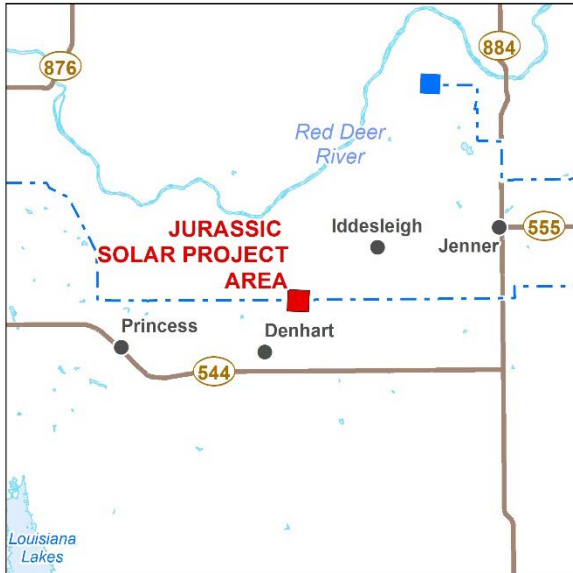
Substations are the connection points between power lines of varying voltages and contain equipment that controls and protects the flow of power. Substations include transformers that step down and step up the voltage so power can be transmitted through transmission lines or distributed to your community through distribution lines.

#### CONTACT US

1-877-267-1453

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

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



**LEGEND**

- Jurassic Solar Project Area    ● Hamlet or Locality
- Existing Substation    — Road
- Existing Transmission Line    ■ Water Body



The new telecommunications tower will look similar to the photo above.



## Project details

Jurassic Solar is constructing a new substation and transmission line as part of their new Jurassic Solar Project. The project is in Cypress County, approximately 37 kilometres northeast of the City of Brooks.

AltaLink’s proposed project includes:

- one of the following modifications to its existing 240 kilovolt (kV) transmission line (called 944L), located in NW-18-20-10 W4
  - **Option 1:** modifying an existing structure and adding one new structure
  - **Option 2:** replacing an existing structure
- installing a new **telecommunications tower** within Jurassic Solar’s proposed Raptor Substation

## Proposed transmission structures

	Option 1	Option 2
	New structure	Replacement structure
		
<b>Type</b>	Wood or steel monopole structure	Steel lattice structure
<b>Height</b>	Between 19 and 50 metres tall	
<b>Location</b>	Within AltaLink’s existing <b>right-of-way</b>	

## Proposed telecommunications tower

The proposed telecommunications tower will:

- be between 28 and 33 metres tall (including the antenna and lightning rod) and have a triangular base
- comply with Transport Canada’s requirements regarding painting and lighting
- not be accessible to the public, as the structure will be inside the fenced area of an operating substation and only support AltaLink equipment at this time

## Definitions

### Telecommunications towers

Telecommunications towers transmit data to our system control centre. This allows us to monitor the operation of the electric system and ensure we provide safe and reliable power to our customers.

### Right-of-way

A right-of-way (ROW) is a strip of land required for the construction, maintenance, and safe operation of a transmission line. A ROW refers to the physical spaces in which a transmission line is located and includes areas on either side of the transmission line structures and the conductors, which are the wires that carry the electricity.

## Providing your input

We will contact landowners, residents and occupants near the proposed project to gather input and address questions or concerns. Our priority is maintaining the health and safety of our employees, contractors, and the general public, while ensuring that we are able to continue to operate our system and keep the lights on for Albertans. We will follow any requested COVID-19 safety protocols for in-person meetings and accommodate your preferred meeting options, including over the phone, virtual or in-person. You can also provide input through our online feedback portal, found here: [www.altalink.ca/projectfeedback](http://www.altalink.ca/projectfeedback).

After our consultation and notification process is complete, we will file an application with the Alberta Utilities Commission (AUC). The AUC ensures the fair and responsible delivery of Alberta's utility services and will review the application through a process in which stakeholders can participate. We will notify stakeholders when we file the application and again once the AUC has reached a decision about the project. To learn more about the AUC process and how you can become involved, please refer to the brochure included in this package titled *Participating in the AUC's independent review process*.

## Anticipated project schedule

Notify and consult with stakeholders	June to July 2022
File application with Alberta Utilities Commission (AUC)	September 2022
Start construction if project is approved	August 2023
Construction completed	December 2023

*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.*

### OUR COMMITMENT TO SUSTAINABILITY

If the Alberta Utilities Commission (AUC) approves this project, you may see or hear construction crews in the area. We have set strict standards by which we operate, including restricting work hours to reduce the impacts to 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. This project is not located on federal lands, therefore the *Impact Assessment Act, 2019* does not apply. AltaLink's safety standards and practices are developed to meet or exceed government guidelines and codes to ensure that our facilities meet the requirements for public, employee and neighbouring facility safety.

### PRIVACY COMMITMENT

AltaLink is committed to protecting your privacy. 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.



## Contact us

*To learn more about the proposed project please contact:*

### **ALTALINK**

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

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

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

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

### **JURASSIC SOLAR LP**

Dan Tocher, Vice President, Stakeholder Relations

Greengate Power Corporation

403-607-1308

Email: [dant@greengatepower.com](mailto:dant@greengatepower.com)

Website: [www.jurassic-solar.com](http://www.jurassic-solar.com)

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

### **ALBERTA ELECTRIC SYSTEM OPERATOR**

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

Email: [stakeholder.relations@aeso.ca](mailto:stakeholder.relations@aeso.ca)

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

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

### **ALBERTA UTILITIES COMMISSION (AUC)**

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

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

## INCLUDED IN THIS INFORMATION PACKAGE:

- Project map
- AESO Need Overview
- Information about Electric and Magnetic Fields and Radio Frequency
- AUC brochure: *Participating in the AUC's independent review process*

## SUBSCRIBE TO THIS PROJECT

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

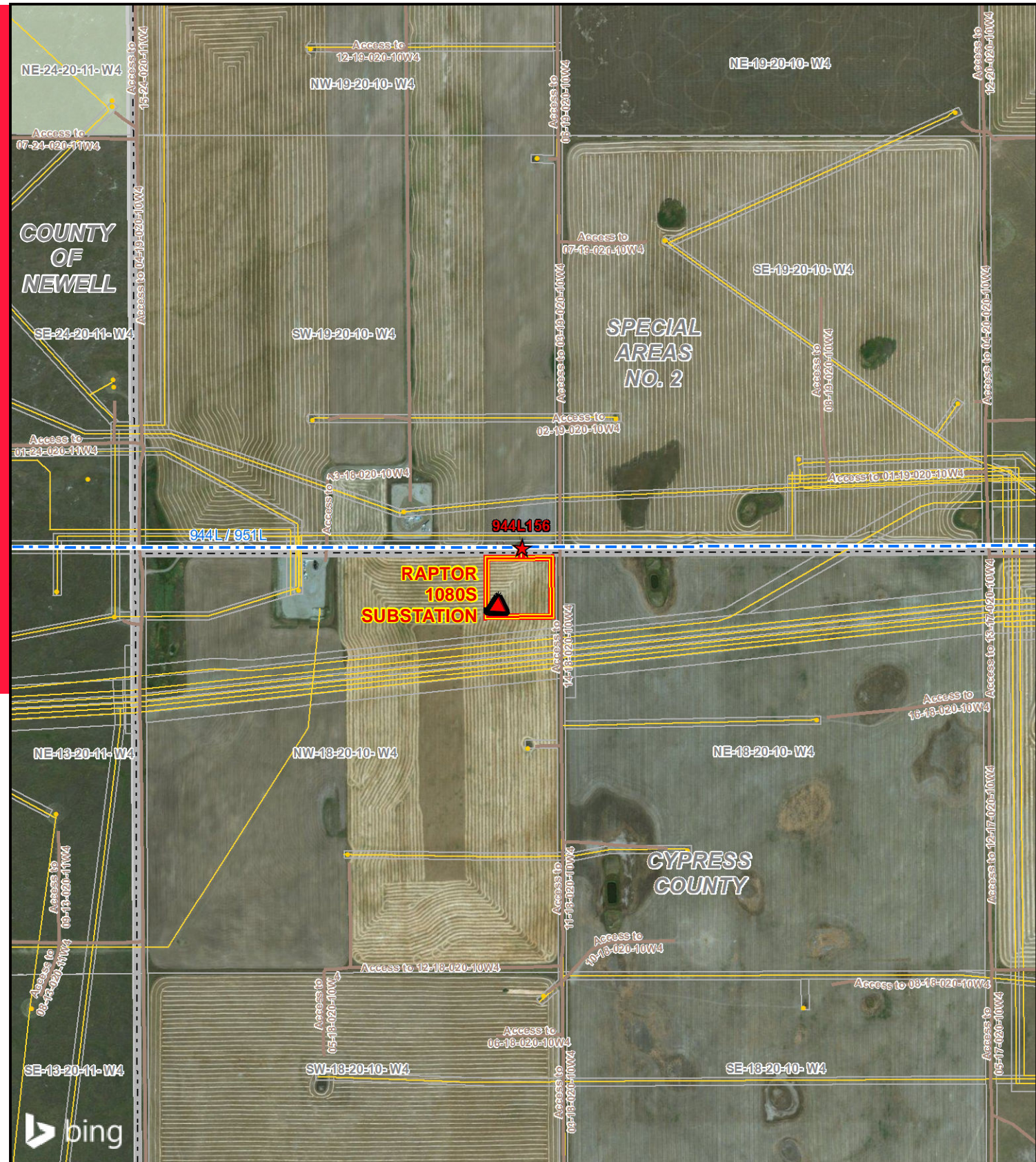
## LET'S TALK TRANSMISSION



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



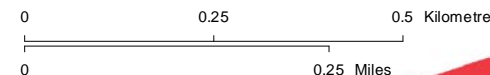
[www.facebook.com/altalinktransmission](http://www.facebook.com/altalinktransmission)



**LEGEND**

- Proposed Tap Structure Location
- Proposed Telecommunication Tower
- Proposed Customer Transmission Line
- Existing Transmission Line
- Proposed Customer Substation
- Wellsite
- Municipal or County Boundary
- Pipeline
- Road
- Environmentally Significant Area

NO: 35032724  
 DRAWN: ME-AL  
 FILE NO: XXXXXX  
 REVISION: 0.01.02  
 AL FOLDER: Jurassic Solar  
 Project Connection  
**DATE: 2022-05-30**



DETAIL PHOTO DP1

**PROPOSED**  
Jurassic Solar Project Connection

Service Layer Credits: © 2022 Microsoft Corporation © 2022 Maxar ©CNES (2022) 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.



# Electric and Magnetic Fields and Radio Frequency Information

## 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

## Radio Frequency (RF)

Telecommunication towers use Radio Frequency (RF) signals to transmit and receive information. The point-to-point signals travel along a focused path at low power levels and are well below recommended safety limits. Licensed radio links on a telecommunication tower will not impact any other licensed telecommunication frequencies used by cellular phones, over-the-air television, satellite, radio, or GPS.

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

For general information relating to telecommunications systems, please contact:

**Innovation, Science and Economic Development Canada**

1-800-267-9401 (toll free in Canada)

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



# Need for the Jurassic Solar Project Connection in the Iddesleigh area

*Jurassic Solar LP (Jurassic) has applied to the Alberta Electric System Operator (AESO) for transmission system access to connect its proposed Jurassic Solar Project (Facility) in the Iddesleigh area. Jurassic'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 944L in a T-tap configuration.
- Add or modify associated equipment as required for the above transmission developments.

## NEXT STEPS

- The AESO intends to approve this request for transmission system access under the abbreviated needs approval process (ANAP) in late-2022.
- A minimum of 14 days prior to the project being considered under the ANAP Rule, the AESO will notify stakeholders and post supporting documents on the AESO's website at [www.aeso.ca/grid/projects](http://www.aeso.ca/grid/projects).
- If the AESO does not approve the need for this project under the ANAP Rule, the AESO may submit a needs identification document (NID) application to the Alberta Utilities Commission (AUC) for approval of the need for this project.

*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.
- Can approve certain requests for system access service through the ANAP. If this project no longer qualifies for approval under the ANAP, the AESO will prepare and submit a NID.
- Is regulated by the AUC and must apply to the AUC for approval of its NID.

## JURASSIC SOLAR

- Has requested transmission system access to connect the Facility.
- Is responsible for detailed siting and routing, and constructing the new 240 kV transmission line to connect the Facility to the transmission line 944L.
- Must apply to the AUC for approval of its transmission facilities applications.

## ALTALINK

- Is the transmission facility owner in the Iddesleigh area.
- Is responsible for operating and maintaining the new 240 kV transmission line, and constructing, operating and maintaining the transmission facilities associated with the transmission line 944L modification.
- 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@aes0.ca](mailto:stakeholder.relations@aes0.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) | [@theaes0](https://twitter.com/theaes0)

## 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
---	--

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 (October 5, 2022)**

October 5, 2022

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

Dear **Notified Market Participant Primary Contact:**

Re: **Jurassic Solar Project Connection**

The Alberta Electric System Operator (AESO) would like to advise you that Jurassic Solar LP has applied for transmission system access to connect its Jurassic Solar Project (planned Facility) to the Alberta interconnected electric system (AIES) in the AESO's South Planning Region.

The purpose of this letter is to advise you that the AESO has identified that, under credible worse case forecast conditions, the **[Effective Generation Facility Name] ([Effective Generation Facility Asset ID])** may be curtailed following the connection of the planned Facility.

### ***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.<sup>1</sup> The connection assessment identified the potential for thermal criteria violations on the 138 kV transmission line 174L and the 240 kV transmission line 912L following the connection of the planned Facility, under credible worse case forecast conditions, with all transmission facilities in service (Category A). In addition, thermal criteria violations were also identified when a single transmission facility is out of service (Category B) following the connection of the planned Facility.

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 mitigate the potential Category B system performance issues, a planned remedial action scheme (RAS), RAS 201 will be modified by adding the planned Facility to the RAS logic, which curtails the planned Facility upon activation. Existing and planned RAS 134, 199, 200, and 202 will continue to be applied for other observed Category B constraints without modifications to include the planned Facility.

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), 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.

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

---

<sup>1</sup> The studies were performed assuming the Rate STS, *Supply Transmission Service*, contract capacity of 300 MW.

If the AESO determines that congestion will arise under Category A conditions, the AESO will make an application to the AUC 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 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.

To support the AESO’s consideration of the Jurassic Solar Project Connection under the Abbreviated Needs Approval Process, the engineering connection assessment will be posted on the AESO website at: <https://www.aeso.ca/grid/transmission-projects/>. Stakeholders will be notified when this occurs via the AESO website and in the AESO stakeholder newsletter.

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 Jurassic Solar Project Connection in the Iddesleigh area*

# Need for the Jurassic Solar Project Connection in the Iddesleigh area

*Jurassic Solar LP (Jurassic) has applied to the Alberta Electric System Operator (AESO) for transmission system access to connect its proposed Jurassic Solar Project (Facility) in the Iddesleigh area. Jurassic'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 944L in a T-tap configuration.
- Add or modify associated equipment as required for the above transmission developments.

## NEXT STEPS

- The AESO intends to approve this request for transmission system access under the abbreviated needs approval process (ANAP) in late-2022.
- A minimum of 14 days prior to the project being considered under the ANAP Rule, the AESO will notify stakeholders and post supporting documents on the AESO's website at [www.aeso.ca/grid/projects](http://www.aeso.ca/grid/projects).
- If the AESO does not approve the need for this project under the ANAP Rule, the AESO may submit a needs identification document (NID) application to the Alberta Utilities Commission (AUC) for approval of the need for this project.

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

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

## JURASSIC SOLAR

- Has requested transmission system access to connect the Facility.
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- Must apply to the AUC for approval of its transmission facilities applications.

## ALTALINK

- Is the transmission facility owner in the Iddesleigh area.
- Is responsible for operating and maintaining the new 240 kV transmission line, and constructing, operating and maintaining the transmission facilities associated with the transmission line 944L modification.
- 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@aes0.ca](mailto:stakeholder.relations@aes0.ca)  
1-888-866-2959

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**Attachment 6 – AESO Market Participant Notification Letter (October 17, 2022)**



October 17, 2022

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

**Dear Notified Market Participant Primary Contact:**

**Re: Need for the Jurassic Solar Project Connection in the Iddesleigh area**

The Alberta Electric System Operator (AESO) would like to advise you that Jurassic Solar LP has applied for transmission system access to connect its Jurassic Solar Project (planned Facility) to the Alberta interconnected electric system (AIES) in the AESO's South Planning Region.

The purpose of this letter is to advise you that the AESO has identified that, under credible worse case forecast conditions, the **[Effective Generation Facility Name]** (**[Effective Generation Facility Asset ID]**) may be curtailed following the connection of the planned Facility.

### ***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.<sup>1</sup> The connection assessment identified the potential for thermal criteria violations on the 138 kV transmission lines 174L and 7L171 as well as the 240 kV transmission line 912L following the connection of the planned Facility, under credible worse case forecast conditions, with all transmission facilities in service (Category A). 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, thermal criteria violations were also identified when a single transmission facility is out of service (Category B) following the connection of the planned Facility. To mitigate the potential Category B system performance issues, a planned remedial action scheme (RAS), RAS 201 will be modified by adding the planned Facility to the RAS logic, which curtails the planned Facility upon activation. Existing and planned RAS 134, 199, 200, and 202 will continue to be applied for other observed Category B constraints without modifications to include the planned Facility. The total megawatts tied to RAS 134 and RAS 201 exceeds the Maximum Severe Single Contingency (MSSC) limit. Therefore, pre-contingency curtailment of projects assigned to the RASs may be required under the Category A condition, to prevent generation curtailment above the MSSC limit during Category B conditions.

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), 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.

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<sup>1</sup> The studies were performed assuming the Rate STS, *Supply Transmission Service*, contract capacity of 300 MW.

The connection assessment identified source assets, including the **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 AUC 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 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.

To support the AESO’s consideration of the Jurassic Solar Project Connection under the Abbreviated Needs Approval Process, the engineering connection assessment will be posted on the AESO website at: <https://www.aeso.ca/grid/transmission-projects/>. Stakeholders will be notified when this occurs via the AESO website and in the AESO stakeholder newsletter.

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 Jurassic Solar Project Connection in the Iddesleigh area*

# Need for the Jurassic Solar Project Connection in the Iddesleigh area

*Jurassic Solar LP (Jurassic) has applied to the Alberta Electric System Operator (AESO) for transmission system access to connect its proposed Jurassic Solar Project (Facility) in the Iddesleigh area. Jurassic'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 944L in a T-tap configuration.
- Add or modify associated equipment as required for the above transmission developments.

## NEXT STEPS

- The AESO intends to approve this request for transmission system access under the abbreviated needs approval process (ANAP) in late-2022.
- A minimum of 14 days prior to the project being considered under the ANAP Rule, the AESO will notify stakeholders and post supporting documents on the AESO's website at [www.aeso.ca/grid/projects](http://www.aeso.ca/grid/projects).
- If the AESO does not approve the need for this project under the ANAP Rule, the AESO may submit a needs identification document (NID) application to the Alberta Utilities Commission (AUC) for approval of the need for this project.

*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.
- Can approve certain requests for system access service through the ANAP. If this project no longer qualifies for approval under the ANAP, the AESO will prepare and submit a NID.
- Is regulated by the AUC and must apply to the AUC for approval of its NID.

## JURASSIC SOLAR

- Has requested transmission system access to connect the Facility.
- Is responsible for detailed siting and routing, and constructing the new 240 kV transmission line to connect the Facility to the transmission line 944L.
- Must apply to the AUC for approval of its transmission facilities applications.

## ALTALINK

- Is the transmission facility owner in the Iddesleigh area.
- Is responsible for operating and maintaining the new 240 kV transmission line, and constructing, operating and maintaining the transmission facilities associated with the transmission line 944L modification.
- 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@aes0.ca](mailto:stakeholder.relations@aes0.ca)  
1-888-866-2959

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**Attachment 7 – AESO Public Notification of ANAP Consideration Posting (February 2023)**

# Jurassic Solar Project Connection (2411)

## Abbreviated Needs Approval Process: Notice of Consideration

The AESO intends to consider the need for the Jurassic Solar Project Connection (Project) for approval under Section 501.3 of the ISO rules, *Abbreviated Needs Approval Process*, (ANAP Rule) on or after February 17, 2023. If stakeholders have any questions or concerns, please contact the AESO before this date.

The AESO has determined that the Project is eligible for consideration under the ANAP Rule because the following eligibility criteria have been met:

- Project costs are estimated to be approximately \$4 million and were classified as participant-related in accordance with the ISO tariff;
- the AESO has completed a participant involvement program (PIP) in accordance with the guidelines in Alberta Utilities Commission Rule 007;
- the Project is not anticipated to result in significant environmental effects; and
- Stakeholder concerns or objections with the need for the Project have been addressed. Prior to making its approval decision, the AESO will address additional stakeholder concerns that arise, if any.

Supporting information about this Project is available in the following documents:

- Engineering Connection Assessment
- Cost Estimate
- PIP Summary

**Attachment 8 – AESO Stakeholder Newsletter Notice of ANAP Consideration (February 2, 2023)**

February 2, 2023

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# AESO Stakeholder Newsletter

## GRID

### **Jurassic Solar Project Connection - Abbreviated Needs Approval Process Notice of Consideration**

The AESO intends to consider the need for the Jurassic Solar Project Connection for approval under Section 501.3 of the ISO rules, *Abbreviated Needs Approval Process*, (ANAP Rule) on or after February 17, 2023. If stakeholders have any questions or concerns, please contact the AESO before this date.

Jurassic Solar LP (Jurassic) has applied to the AESO for transmission system access to connect its proposed Jurassic Solar Project (Facility) in the Iddesleigh area. Jurassic'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 944L in a T-tap configuration.
- Add or modify associated equipment as required for the above transmission developments.

More information is available on the AESO website. Please [click here](#) to view the project page or visit the AESO website at [www.aeso.ca](http://www.aeso.ca) and follow the path Grid > Transmission-Projects > Jurassic Solar Project Connection (2411) to see relevant supporting documents.