

JANUARY 2025

# Lone Butte Solar Connection

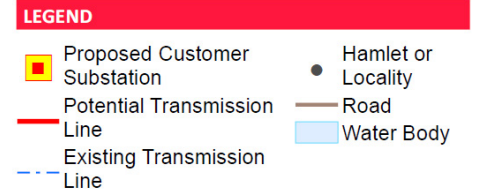
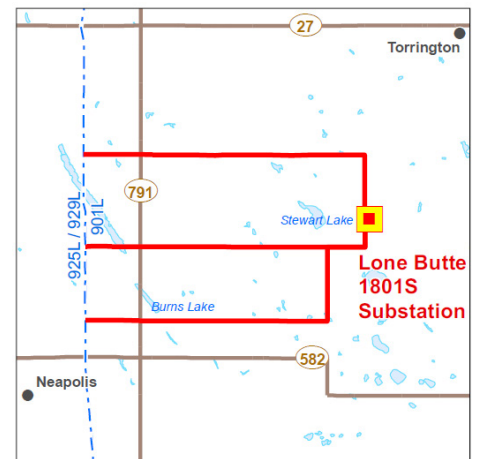
You are receiving this newsletter because you are near the Lone Butte Solar Connection project, and we want your input.

To connect Acciona Energy Canada Global Inc. (ACCIONA Energía’s) solar project to the grid, AltaLink is proposing changes to its transmission system. The project is located approximately eight kilometres southwest of the Hamlet of Torrington.

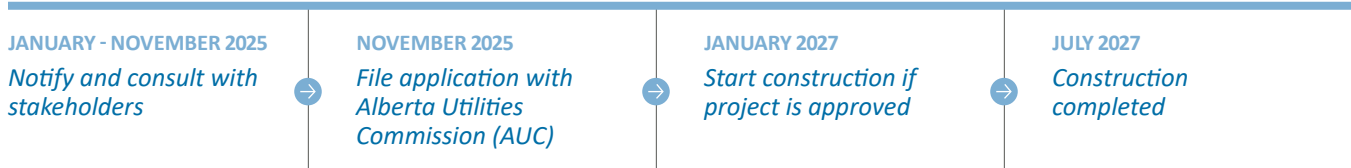
AltaLink’s connection and ACCIONA Energía’s solar project are separate. For more information about ACCIONA Energía’s project, see their contact information included in this newsletter.

## Project details

AltaLink is proposing to construct up to 17 kilometres of new 240 kilovolt (kV) transmission line to be named 929AL. The new transmission line will connect ACCIONA Energía’s proposed Lone Butte 1801S Substation to AltaLink’s existing 929L transmission line.



## ANTICIPATED PROJECT SCHEDULE



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.

## Proposed transmission line routes

AltaLink has identified three potential route options for the new 929AL transmission line. AltaLink takes several factors into consideration in an effort to find routes with low overall environmental, social, and economic effects. In addition to stakeholder input, we also consider other impacts, including residential, agricultural, environmental, visual and cost. Based on an initial review of these factors, three potential routes are being considered for the new 929AL transmission line.

The input we receive from stakeholders will be used to help us determine the final routes we include in the application we file with the Alberta Utilities Commission (AUC). The AUC will review the application and can approve, approve with conditions, or deny the project. If the project is approved by the AUC, only one of the routes will be built. The potential routes for the transmission line are shown on the maps included in this package.

Location	Route details
<p><b>North option</b> (A1-C10-C100)</p>	<p>The north route option will be primarily located on quarter line.</p> <p>The proposed structures on this route option will be:</p> <ul style="list-style-type: none"> <li>• H-Frame structures</li> <li>• made of steel or wood</li> <li>• between 18-26 metres tall</li> </ul> <p>A <b>right-of-way</b> of approximately 35 metres will be required (17.5 metres on either side of the quarter line.)</p> <div data-bbox="1127 489 1390 863" data-label="Image"> </div> <p data-bbox="1127 877 1390 926"><i>The H-Frame structures will look similar to the above.</i></p>
<p><b>Central option</b> (A1-A10-A15-B100)</p> <p><b>South option</b> (A1-A10-A15-A40-A100)</p>	<p>The central and south route options will primarily be located within road allowance.</p> <p>The proposed structures on these route options will be:</p> <ul style="list-style-type: none"> <li>• monopole structures</li> <li>• made of steel or wood</li> <li>• between 30-40 metres tall</li> </ul> <p>A right-of-way of approximately 15 metres on property will be required.</p> <div data-bbox="1127 957 1390 1356" data-label="Image"> </div> <p data-bbox="1127 1371 1390 1419"><i>The monopole structures will look similar to the above.</i></p>

### DEFINITIONS:

**Kilovolt (kV)** | A kilovolt is equal to one thousand volts and is commonly used when describing transmission and distribution lines. AltaLink's transmission lines range from 69 kV (69,000 volts) to 500 kV (500,000 volts). Light bulbs typically range from 120 to 300 volts.

**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.

**Right-of-way** | The right-of-way is a strip of land required for the construction and safe operation of a transmission line. A right-of-way refers to the physical space a transmission line encompasses including areas on either side of the line. The majority of the right-of-way can still be used by the landowner. Buildings cannot be placed on the right-of-way, but can be built up to the edge of the right-of-way.

- Project maps
- AUC brochure: *Participating in the AUC's independent review process to consider facility applications*
- AESO need overview

## Construction workspace

Specialized structures may be required in some locations on each route based on engineering requirements. These structures may be taller than the heights listed above, and will be discussed with impacted stakeholders.

To facilitate construction, access trails and temporary workspace may be required. Construction workspace is required for the safe construction of the transmission line. AltaLink will consult with affected stakeholders regarding potential construction workspace and access trails.

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## Providing your input

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

After our consultation and notification process is complete, we will file an application with the Alberta Utilities Commission (AUC).

We will notify stakeholders when we file the application and again once the AUC has reached a decision about the project. To learn more about the AUC process and how you can become involved, please refer to the brochure included in this package titled *Participating in the AUC's independent review process to consider facility applications*.

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## Electric and magnetic fields (EMF)

We understand that you may have concerns about exposure to EMF and we take those concerns seriously. Everyone is exposed to power frequency EMF from many sources, including power lines, building wiring, or appliances in your home.

Health Canada, the World Health Organization, and other agencies have not recommended that the public needs to take steps to limit their everyday exposure to EMF from high voltage transmission lines. This includes people that live near the edge of a transmission 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)

Phone: 1-866-451-7817 (toll-free)

## Contact us

To learn more about the proposed project please contact:

### ALTALINK

1-877-267-1453 (toll free)

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

To subscribe to this project:

visit [www.altalink.ca/projects](http://www.altalink.ca/projects), search for the project title, and click 'subscribe to updates'

*For more information about how*

*AltaLink protects your personal information:* visit our website at

[www.altalink.ca/privacy](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.

To learn more about the Lone Butte Solar Connection, please contact:

### Acciona Energy Canada Global Inc.

Michael Stafford

Akoda Land on behalf of

Acciona Energy Canada Global Inc.

Phone: 403-808-5199

Email: [mstafford@akodaland.com](mailto:mstafford@akodaland.com)

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

### Alberta Electric System Operator

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

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

Website: [www.aeso.ca](http://www.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)