

June 24, 2025

Lone Butte Solar Connection Project update

Thank you for your ongoing participation in the Lone Butte Solar Connection project. We began consulting with stakeholders in January 2025, and we would like to provide you with an update.

Project background

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.

Update on proposed transmission line routes

Based on input received during consultation and further engineering, AltaLink has identified a preferred and alternate route for the proposed new transmission line. If the project is approved by the Alberta Utilities Commission (AUC) only one of the routes will be built.

Preferred route – South option (Shown in red on the map)	Alternate route – Central option (Shown in green on the map)
<ul style="list-style-type: none">• Approximately 17 kilometres in length• Has lower potential residential impacts• Has lower bird collision risk as it crosses fewer and smaller waterbodies, which support lower numbers of waterfowl and water birds	<ul style="list-style-type: none">• Approximately 13.5 kilometres in length• Follows the same alignment as the preferred route for approximately three kilometres• Has higher bird collision risk as it crosses more waterbodies, which support higher numbers of waterfowl and water birds

Both the South (preferred) and Central (alternate) options will be primarily located within road allowances, minimizing impacts to existing land uses and providing access for construction, operation and maintenance of the transmission line.

North route option removed from consideration (point designation A1 to C100)

AltaLink has removed the North route option from consideration as it has the highest impact to stakeholders and agriculture in the area.

The removed North route option is shown on the included maps in grey and white. If your property is located on or near this removed route, you may no longer receive information from us about this project. Please contact us if you have any questions or wish to stay informed about the project.

Proposed structures

Monopole structures are being proposed for most of the transmission line. The monopole structures will be approximately between 30 to 40 metres tall and require approximately 15 metres of right-of-way.

To accommodate longer distances over water body crossings, H-Frame structures are being proposed in some areas. The H-frame structures will be approximately between 24 to 37 metres tall, require approximately 20 metres of right-of-way and have guy wires.

You can see the locations of these proposed structures on the included maps.



The proposed monopole structures will look similar to the image on the left.

The proposed H-frame structures will look similar to the photo on the right.

You're invited to an open house

We would like your feedback to understand what is important to you as we plan the project. There will be visual displays, and AltaLink project team members will be available to answer questions. We hope to see you there.

Date	Wednesday, July 23
Time	5 p.m. to 8 p.m.
Location	Banquet Hall, Ron Gorr Memorial Arena 101 Park Ave, Torrington, AB

Next steps

We will contact landowners, residents, and occupants affected by the proposed changes to gather input and address questions or concerns. After the consultation process is complete, we will file an application with the AUC. We will notify you of the AUC's decision regarding the project. If approved, construction is anticipated to start in January 2027 and be completed in July 2027.

Contact us

We are available to address any questions or concerns you may have. Please contact us at stakeholderrelations@altalink.ca or 1-877-267-1453.

Sincerely,

Kris Gladue
Manager, Stakeholder Engagement