

October 17, 2022

## Solar Kraft Vauxhall Connection – Project update

Thank you for your ongoing participation in the proposed Solar Krafte Vauxhall Power Connection. We began consulting with stakeholders on this proposed project in May 2020 and want to provide you with an update. As a potentially impacted stakeholder, we would like to get your feedback.

Due to the changes made to the project, AltaLink has updated the proposed structure types, removed and updated transmission line routes, and will no longer require upgrades at an existing substation.

### Project background

Solar Krafte Utilities Inc. (Solar Krafte) is proposing to construct a new substation as part of their proposed Vauxhall Solar Farm in the Municipal District of Taber, approximately three kilometres north of the Town of Vauxhall.

To connect the Vauxhall Solar Farm to the grid, AltaLink is proposing to:

- construct approximately 100 metres of new 138 kilovolt (kV) transmission line between an existing transmission line (called 763L) and Solar Krafte’s proposed Solstice Substation, located in SE-20-13-16 W4
- install approximately three kilometres of fibre optic cable in the road allowance between AltaLink’s existing Vauxhall Substation and Solar Krafte’s Solstice Substation

### Proposed transmission structures

The proposed single circuit transmission line structures (pictured to the right) will:

- be wood or steel monopoles
- be approximately 15 to 25 metres tall
- have a right-of-way approximately 20 metres wide
- require guy wires where the new transmission line connects to the existing 763L transmission line
- A right-of-way of 30 metres by five metres will be required for the guy anchors



Where structures are proposed to be located on privately owned land, we will contact landowners directly to discuss right-of-way requirements. AltaLink offers fair market value for any land that it acquires for its rights-of-way, and this will be discussed on an individual basis with the landowner.

Two existing structures on the 763L transmission line adjacent to the connection point may need to be modified or replaced in order to accommodate the connection. This will be determined after a detailed engineering analysis.

**Route selection**

As the location of Solar Krafte’s proposed Solstice Substation has changed, there is now only one proposed route, and it connects to an existing transmission line rather than AltaLink’s Vauxhall Substation. The previously proposed routes are no longer being considered. The proposed route is shown on the map included in this package.

**Update: Proposed substation upgrades**

AltaLink was proposing to add one new 138 kV circuit breaker and associated equipment to the Vauxhall Substation to accommodate the new connection. Because Solar Krafte is now connecting their project to the 763L transmission line rather than Vauxhall substation, no new equipment or fence expansion is required at Vauxhall Substation.

**Next steps**

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

After the consultation process is complete, we will file our application with the Alberta Utilities Commission (AUC) in October. We will notify you of the AUC’s decision regarding the project.

**Anticipated project schedule**

Notify and consult with stakeholders	October to November 2022
File application with Alberta Utilities Commission (AUC)	February 2023
Start construction if project is approved	Spring 2024
Construction completed	Summer 2024

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

**Contact us**

We are available to address any questions or concerns you may have. Please contact us at stakeholderrelations@altalink.ca or 1-877-267-1453. You can find more information about the project on our website at www.altalink.ca/projects.

To learn more about the Solar Krafte project, please contact them at engineering@solarkrafte.com or 403-879-9768.

For more information about Alberta’s electric system and why this project is needed, please refer to the Alberta Electric System Operator’s (AESO) Need Overview included with this package, or contact them at stakeholder.relations@aeso.ca or 1-888-866-2959.

Sincerely,

Kris Gladue  
Manager, Indigenous Relations and Consultation