

February 6, 2020

CKPC Petrochemical Facility Connection – project update

Thank you for your participation in this project, your input is important to us. The CKPC Petrochemical Facility Connection project involves constructing a new substation, called Canakuwa Substation, and approximately four kilometres of new 240 kilovolt (kV) transmission line. We want to provide you with an update on the project, including the proposed route and structures that we plan to include in our application for the project.

Proposed route

AltaLink has identified Route A as the proposed route for this project. Route A is approximately four kilometres long and parallels existing linear infrastructure for the majority of the route. When compared to Route B, Route A has lower overall environmental and agricultural impacts, and was generally preferred by stakeholders during consultation. Please see the included Detail Photo Map (DP1) for route details.

We are no longer considering Route B as a potential route for this project. If you are near the removed route you will no longer receive information from us about this project. Please contact us if you have any questions or wish to stay informed. You can also continue to receive updates by subscribing on our website at www.altalink.ca/projects.

Transmission structures

Based on detailed engineering and stakeholder input, we have determined that the best solution for this project are the double circuit monopole structures, as shown in the photo to the right. Please refer to the attached FP1 map for the proposed structure locations. These structures will:

- be steel structures
- be approximately 30 to 40 metres tall
- have a right-of-way that is approximately 22 metres wide, or approximately 13 metres wide when paralleling Highway 643



Telecommunications tower

In our previous communication, we said that a telecommunications tower may be needed in the Canakuwa Substation. After additional engineering, it has been determined that this tower is not required. Instead, AltaLink is proposing to install optical ground wire (OPGW) on top of the new transmission line for telecommunications purposes. This will allow us to monitor the operation of the electric system and ensure we provide safe and reliable power to our customers.

Easement, off right-of-way access and construction workspace

After additional engineering, it has been determined that AltaLink will require a right-of-way that is approximately 22 metres for the proposed transmission line, and a right-of-way of approximately 13 metres where the proposed transmission line parallels Highway 643. AltaLink will also require additional right-of-way for one structure outside the proposed Canakuwa Substation. The right-of-way will be acquired from landowners in the form of an easement agreement.

Additional construction workspace and stringing areas outside of the right-of-way will be required in certain areas to access and construct the transmission line. The construction workspace is intended to be primarily used for equipment access during construction, including the potential stringing areas located behind some corner structures. The construction workspace and stringing areas are shown on the attached FP1 map.

AltaLink will consult with all affected landowners regarding the potential requirement for construction workspace. Final construction workspace and off right-of-way access will be determined following further detailed engineering and construction planning for the project and will be discussed with landowners prior to, and during construction of the line.

Next steps

After our consultation process is complete, we will file a Facilities Application with the Alberta Utilities Commission (AUC). The AUC will review our application through a process in which stakeholders can participate. To learn more about the AUC process and how you can become involved, please refer to the brochure included in this package titled *Public involvement in a proposed utility development*.

Anticipated project schedule

Notify and consult with stakeholders	Winter 2020
File application with the Alberta Utilities Commission (AUC)	Spring 2020
Start construction if project is approved	Fall 2020
Complete construction	Summer 2021

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.

Project background

Canada Kuwait Petrochemical Corporation (CKPC) has requested a connection to the transmission system for their proposed petrochemical facility. AltaLink is proposing to construct a new substation and transmission line to connect CKPC's proposed facility to the electric system. The new Canakuwa Substation and transmission line will be constructed, operated and maintained by AltaLink.

The proposed new substation will be located inside CKPC's petrochemical facility, located in NE-11-56-22-W4. The substation fenceline will be approximately 86 by 80 metres and will be located on land owned by CKPC. The substation will include the following major equipment:

- two transformers
- four circuit breakers
- one new control building

You can find more information about the project on our website at www.altalink.ca. If you would like to speak to an AltaLink representative regarding the project, please contact us at 1-877-269-5903 or stakeholderrelations@altalink.ca. To learn more about CKPC's facility, please contact inquiries@ckpcpolymers.com.

Sincerely,

Dave Lee
Manager, Stakeholder Engagement