

November 2, 2015

**Harry Smith 367S Substation and Transmission Lines
South and West of Edmonton Area Transmission Development
Notice of application filing**

Thank you for your ongoing participation in the Harry Smith 367S Substation and Transmission Lines project. We submitted an application for the project to the Alberta Utilities Commission (AUC) on October 30, 2015. We would also like to update you on the project.

Next steps

We have filed both a preferred and alternate substation location and route options. The AUC will review the application and can approve either the preferred or alternate substation location and route options, approve with conditions or deny the project. The AUC may also host a hearing regarding the project. To learn more about the AUC process and how you can become involved please visit www.auc.ab.ca.

We will notify you of the AUC's decision regarding the project. If the project is approved we plan to start construction in late 2016 and expect to complete construction in late 2017.

The application

The application can be viewed on the AUC's website at www.auc.ab.ca.

To access the application, click on the 'eFiling System Login' button on the left side of the page and log in to your eFiling account. If you do not have an account, select 'New Account' and follow the steps onscreen. Please note any questions or concerns regarding account creation and management should be directed towards the AUC at info@auc.ab.ca.

Once your account has been created and you have successfully logged in, enter 20987 into the 'Go to...' search bar on the left side of the page to locate the application. Alternatively, you can navigate to 'Find', click 'Proceedings' and enter "South and West of Edmonton Transmission Development" into the 'Proceedings description' search bar.

If you have any issues accessing the application, please contact us at the details below and we will mail a copy of the application to you.

Project background

The proposed Harry Smith Substation and Transmission Line project will be located to the west of Edmonton and south of Spruce Grove. The project includes the following components:

- a new 240 kV/138 kilovolt (kV) substation to be called Harry Smith 367S Substation
- upgrade and expansion of the existing Acheson 305S Substation that will take place on AltaLink owned land

- construction of three 138 kV circuits using either a triple circuit line or a combination of a double and single circuit transmission lines
- one of the 138 kV circuits will use the existing 739L transmission line to connect the Harry Smith 367S Substation to the existing Stony Plain 434S Substation
- rebuilding a portion of the existing 739L line, using 138 kV double circuit structures to connect the Harry Smith Substation to the existing Acheson 305S Substation
- replacing the optical shield wire and a number of aging poles on the remaining portion of the 739L line to the Stony Plain 434S Substation
- construction of new 240 kV transmission line connections between the existing 1043L transmission line and the Harry Smith 367S Substation

According to the AESO, the South and West of Edmonton Area Transmission Development will allow the transmission system to meet the increased electricity demand in the Leduc, Parkland and Strathcona Counties, as well as the Greater Edmonton area. This development will help support industrial power demands and ensure residences continue to have a reliable supply of power for years to come.

Easements and construction workspace

Where located on private property, the new single, double and triple-circuit 138 kV structures will be in the centre of a 20 metre (66 feet) wide right-of-way. Where located in road allowance, the structures will be located approximately 1 metre (3 feet) within road allowance. Where the single, double, and triple circuit structures are located in road allowance, a 10 metre (32 feet) easement may be required on adjacent private property (i.e., even where the transmission structures themselves are not on private property). After detailed engineering, AltaLink will only seek to acquire the additional 10 metre (32 feet) easement on private property where buildings, trees, and other physical obstructions have the potential to affect the safe construction and operation of the transmission line. AltaLink may also need up to 100 metre (328 feet) of construction workspace on adjacent properties for stringing behind the single circuit and double circuit corner structures and up to 150 metre (492 feet) behind the triple circuit structures. These additional rights-of way and the construction workspaces, including the potential stringing areas, are shown on the strip mosaic maps in the facility application.

If you are affected by these easements, AltaLink will be contacting you to discuss land access, including construction workspace, as well as the specific dates and times we will require access to your property.

If the project is approved, you may see or hear the following during the construction process:

- noise and construction crews
- selective tree and vegetation clearing
- transmission structure construction
- wire stringing on the transmission structures
- work at an existing substation
- constructing a new substation

Contact us

Stakeholder input has been important in determining the best solution for this project. Please contact us at 1-877-267-1453 (toll-free) or stakeholderrelations@altalink.ca if you have any questions. Further information about this project and maps are available at: <http://www.altalink.ca/projects/natp/sweatd/overview-1.cfm>

Sincerely,



Dave Lee
Manager, Stakeholder Engagement