

March 16, 2016

**South and West of Edmonton Area Transmission Development  
Harry Smith 367S Substation and Transmission Lines  
Minor Telecommunications Modification at the Stony Plain 434S Substation**

You are receiving this letter because you own property or reside near the Stony Plain 434S Substation, within the Town of Stony Plain, adjacent to Boundary Road. AltaLink is proposing to replace the existing telecommunications structure at the substation site with a new structure. The existing structure is made of wood and is approximately 15 metres (50 feet) tall. The replacement structure will be a steel monopole structure approximately 18 metres (60 feet) tall. The steel structure is required to support the addition of a new radio antenna at the site.

As a result of the proposed telecommunications modifications, AltaLink is no longer proposing any structure replacements of the 739L transmission line that connects into the Stony Plain 434S Substation. As a result of the proposed telecommunications modifications, AltaLink is no longer proposing to install fibre optic cable (or to modify 739L transmission line poles to accommodate the fibre optic cable) to connect to the Stony Plain 434S Substation. The location of the proposed modification is shown in the included map.

This telecommunications modification is being proposed as part of the broader Harry Smith 367S Substation and Transmission Lines Project (Project).

**Project background**

The Project is located west of Edmonton and south of Spruce Grove and includes the following components:

- a new 240 kV/138 kilovolt (kV) substation to be called Harry Smith 367S Substation
- the upgrade and expansion of the existing Acheson 305S Substation
- the construction of 138 kV transmission lines to connect the Harry Smith 367S Substation to the existing Acheson 305S and Stony Plain 434S Substations (**note: other than the telecommunications structure replacement identified above, no transmission line structure modifications are being proposed adjacent to the Stony Plain 434S Substation**)
- construction of 240 kV lines to connect the existing 1043L transmission line to the Harry Smith 367S Substation

The need for the Project was approved by the Alberta Utilities Commission (AUC) in 2014. As indicated by the Alberta Electric System Operator (AESO), the Project is needed to meet forecasted load and generation growth in the south and west of Edmonton area, and for transmission reliability purposes. To learn more about Alberta's electric system and the need for the Project, please contact the AESO at 1-888-866-2959 or at [stakeholder.relations@aesocanada.com](mailto:stakeholder.relations@aesocanada.com).

**Next steps**

AltaLink has applied to the AUC for approval of the Project. AltaLink will be filing an amendment to its facilities application for the telecommunication modifications at the Stony Plain 434S Substation, as well as a land reduction at the preferred Harry Smith 367 Substation site. The AUC will review the application and can do any of the following:

- (a) approve either the preferred or alternate Harry Smith 367S Substation location and transmission line route options;
- (b) approve a substation and route option with conditions; or
- (c) deny the Project.

**Project schedule and providing your input**

The AUC is holding a hearing regarding the Project on May 10, 2016. To learn more about the AUC process and how you can become involved please see the enclosed AUC brochure: *Public involvement in a proposed utility development*. The AUC's Notice of Hearing for the Project is also enclosed.

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.

If the Project is approved, you may see or hear noise and construction crews at the existing substation.

**The application**

The application can be viewed on the AUC's website at [www.auc.ab.ca](http://www.auc.ab.ca). You can access the application by doing the following:

1. 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.
2. 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.

Please note any questions or concerns regarding account creation and management should be directed towards the AUC at [info@auc.ab.ca](mailto:info@auc.ab.ca).

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

**Contact us**

If you have any questions or concerns please contact us at 1-877-267-1453 (toll-free) or [stakeholderrelations@altalink.ca](mailto:stakeholderrelations@altalink.ca). Further information about the Project is also available at: <http://www.altalink.ca/projects/view/187/harry-smith-367s-substation-and-transmission-lines-project>

Sincerely,



Dave Lee  
Manager, Consultation