

June 2, 2021

RE: Buffalo Creek Transmission Project – Substation Update

*A Component of the Provost to Edgerton and Nilrem to Vermilion Transmission System
Reinforcement Project*

In December 2020, ATCO Electric Ltd. (ATCO) sent you information about potential substation locations along Route Option A of the Buffalo Creek Transmission Project (the Project). As a stakeholder in proximity of these potential substation locations, we want to provide you with an update.

Drury Substation Location Along Route Option A

ATCO assessed three potential substation locations along Route Option A. As a result of the assessment and consultation with landowners, ATCO has selected the substation location (SE 8-50-9 W4M) shown on the enclosed 2007S Drury Substation Site Mosaic Map. This proposed substation site will be in addition to the substation site proposed along Route Option C (NE 2-50-9 W4M) that was previously submitted to the Alberta Utilities Commission (AUC).

On January 29, 2021, ATCO submitted an Amendment to its Facility Application to the AUC in AUC Proceeding No. 26145, proposing the identified 2007S Drury substation adjacent to Route Option A (SE 8-50-9 W4M). As previously communicated to you, only one substation will be built for the Project, which is dependent on the AUC's approval of either Route Option A or Route Option C.

Drury Substation

The Drury substation will contain a variety of electrical equipment, including four 144 kilovolt circuit breakers, a 19 metre (m) tall telecommunication tower, and a control building. The fenced area of the substation will be approximately 107 m by 51 m.

However, additional area outside the substation fenceline is required, and the overall substation site is currently planned to be approximately 500 m by 500 m.

Transmission Line Route to the Substation

The substation locations are directly adjacent to the applied-for route and ATCO has also proposed small modifications to the transmission lines routes that will be required for the transmission lines to enter and exit the Drury substation.

Next Steps

If approval is granted by the AUC, construction activities may commence as early as October 2021, where possible. Please note that project timing and details may be adjusted as plans are finalized.

Thank you for your participation in the project, we appreciate you taking the time to provide us with your feedback. Please contact us at your earliest convenience should you have any questions or comments.

Sincerely,



Dan Burton

Project Planner

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Enclosures:

2007S Drury Substation Site Mosaic Map (RS-7L333-N8-01)

Reply Form and Postage-Paid Envelope