

**APPENDIX C INFORMATION REGARDING RULE 007,
SECTION 6.1 – NID13**

May 27, 2015

Alberta Electric System Operator
Suite 2500
330 – 5th Avenue SW
Calgary, Alberta, T2P 0L4

Attention: Brian Belway, Project Manager

Dear Mr. Belway,

RE: Sunnybrook Interconnection with Fort McMurray West 500 kV Transmission Project

Please accept this letter as confirmation that:

- (i) the incremental impacts of the Project are expected to be limited to, or related to, modifications to existing infrastructure on AltaLink's existing property, and
- (ii) AUC Rule 007 NID 13 aspects are being addressed in the Project Facility Application

AltaLink's Facility Application (FA) will include the proposed installation of new substation equipment and a 500 kV slack span to facilitate the termination of the Alberta PowerLine Limited Partnership (APL) 500 kV transmission line (1214L) at Sunnybrook 510S Substation. The Project Functional Specification¹ indicates the termination will occur in either the "West Bay" or "East Bay". The incremental impacts of both the West Bay Option and East Bay Option are summarized below:

1. West Bay Option

- Substation fence expansion of approximately 60m x 120m
- The expansion will occur within AltaLink's existing lease
- Minimal site work is required as much of the organic soil has already been removed for the construction of the Sunnybrook 510S Substation, and
- A Noise Impact Assessment is required prior to the installation of new substation equipment.

2. East Bay Option

- Substation fence expansion of approximately 30m x 70m
- 138 kV (430L) will need to be re-routed around the expanded fence area
- Existing drainage will need to be adjusted around the expanded fence area
- Additional leased area from the adjacent industrial landowner is required
- Further earth works required, and
- A Noise Impact Assessment is required prior to the installation of new substation equipment.

The 7 major aspects of AUC Rule 007 NID 13 will be addressed throughout AltaLink's FA where applicable, and each major aspect is specifically addressed in the sections of the Facility Application outlined below:

1. Agricultural Impact

Is addressed in the FA in Section 4 (AltaLink's Route Determination Process), Section 3 (Project Details), and Section 12 (Electrical Considerations).

¹ Sunnybrook and Livock Interconnection with Fort McMurray West 500 kV Transmission Facilities Functional Specification, Alberta Electric System Operator, Project 1655, Final R1 March 24, 2015.

2. Residential Impact

Is addressed in the FA in Section 3 (Project Details), Section 4 (AltaLink's Route Determination Process), Section 12 (Electrical Considerations) and Section 9 (Visual Impact).

3. Environmental Impact

Is addressed in the FA in Sections 4 (AltaLink's Route Determination Process) and 10 (Environmental Evaluation).

4. Cost

Is addressed in the FA in Section 14 (Economic Assessment).

5. Electrical Considerations

Is addressed in the FA in Section 3 (Project Details).

6. Visual Impact

Is addressed in the FA in Section 9 (Visual Impact).

7. Special Constraints

Is addressed in the FA in Section 12 (Electrical Considerations).

This Project is not located within the plan boundaries of an approved regional land use plan.

If you have any questions or require clarification regarding the information contained herein, please contact me by telephone at (403) 387-8255, or by email to carla.gorman@altalink.ca

Sincerely,



Carla Gorman
Right-of-Way Planner
AltaLink Management Ltd.

June 8, 2015

Brian Belway
Alberta Electric System Operator
2500, 330 – 5th Avenue SW
Calgary, AB T2P 0L4

Dear Brian Belway:

**RE: Confirmation of AUC Rule 007, NID 13 Content in Facility Application
Livock Interconnection with Fort McMurray West 500 kV Transmission Facilities
AESO Project File No. 1655**

ATCO Electric Ltd. will address seven aspects of AUC Rule 007, NID 13 in the Facility Application for the above-referenced project, where applicable:

1. Agricultural Impact
2. Residential Impact
3. Environmental Impact
4. Cost
5. Electrical Considerations
6. Visual Impacts
7. Special Constraints

It is expected that the incremental impacts of the Project will be limited to the modifications to the existing infrastructure on ATCO Electric's existing property.

In addition, the Facility Application will address the specific requirements of the *Lower Athabasca Regional Plan (LARP)* as described in AUC Rule 007. These requirements include the project's compliance with land-use planning; air, ground water, and surface water quality management frameworks; and identification of any potential impacts on conservation or provincial recreation areas.

Sincerely,

ATCO Electric Ltd.



Nicole Hupka, P.Ag
Right-of-Way Project Planner
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