



AltaLink Management Ltd.

Sarcee 42S Substation

March 19, 2010



ALBERTA UTILITIES COMMISSION

Decision 2010-125: AltaLink Management Ltd.

Sarcee 42S Substation

Application No. 1605969

Proceeding ID. 536

March 19, 2010

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Alberta Utilities Commission

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1 INTRODUCTION

1. AltaLink Management Ltd. (AltaLink) filed an application with the Alberta Utilities Commission (AUC or the Commission) seeking approval to alter and operate a substation designated as Sarcee 42S Substation (Substation). The application was registered on March 9, 2010, as Application No. 1605969 (the Application).

2 BACKGROUND

2. AltaLink has been directed by the Alberta Electric System Operator (the AESO) to change the Current Transformer (CT) ratios at the Substation. The changes are required as a result of the ENMAX cable replacement project in downtown Calgary which was recently approved by the AUC in Decision [2010-057](#). AltaLink is the holder of an existing Permit and Licence for the Substation.

3. Pursuant to section 11 of the *Hydro and Electric Energy Regulation*, AltaLink submitted an Application to the AUC for approval to change the current transformer (CT) ratios at the substation. CTs are transducers used to facilitate measurement of electric currents flowing through high-voltage transmission lines and other equipment. CT ratios are expressed as a ratio of the rated primary current to the rated secondary current.

4. The proposal involves changing the tap ratio of the existing CT on ENMAX 138-kV transmission line 21.80L within the existing AltaLink Substation site. The change of the CT ratios involves re-arranging connections and changing the settings on the existing CT. There are no hardware additions. All work would occur within the existing substation site. There would be no increase in noise associated with the changes and no environmental impact. Total costs for the project is approximately \$15,000. Stakeholder notification was not undertaken due to the minor nature of the work.

5. The Commission did not issue Notice of Application due to the minor nature of the project.

3 COMMISSION FINDINGS

6. Section 11 of the Hydro and Electric Energy Regulation states:

11. A person proposing minor alterations to a power plant, transmission line or distribution system may submit a letter of enquiry to the Board requesting approval of the proposal without a formal, detailed application if, in the Board's opinion,

- (a) the proposal is of a minor nature,
- (b) no other person is directly affected by the proposal, and
- (c) no adverse environmental impact will be caused by the proposed alterations.

7. Based upon the information filed the Commission is satisfied that the Substation alterations will cause no adverse environmental, land use or noise impacts and will not directly affect other persons. The Commission notes in this respect that the alterations are proposed to take place within an existing substation and finds that they are minor in nature.

8. Having considered all of the evidence before it, the Commission finds the proposed alterations meet the requirements under section 11 of the *Hydro and Electric Energy Regulation*.

4 DECISION

9. Pursuant to section 11 of the *Hydro and Electric Energy Regulation*, the Commission approves the Application and grants AltaLink an approval set out in Appendix 1– Substation – Enquiry E2010-11 – March 19, 2010 (Appendix 1 will be distributed separately).

Dated on March 19, 2010.

ALBERTA UTILITIES COMMISSION

(original signed by)

N. Allen Maydonik, Q.C.
Commissioner