



October 2, 2008

Don Popowich, Director, Facilities
Alberta Utilities Commission
First Calgary Place East
400, 425-1 Street SW
Calgary, Alberta, T2P 3L8

Dear Sir;

**RE: Application for Proposed 144 kV Transmission Line 7L114,
ATCO Electric Portion, from Point of Connection with AltaLink Line 7L114
to Waddell Substation 907S**

1.0 INTRODUCTION

AltaLink Management Ltd. and ATCO Electric Ltd. are jointly developing transmission facilities in the Conklin area, as directed by the Alberta Electric System Operator (AESO). The facilities include a 144 kV transmission line "7L114" which is partly within AltaLink's operating area and partly within ATCO Electric's area.

2.0 APPLICATION

ATCO Electric hereby applies to the Alberta Utilities Commission pursuant to Sections 14 and 15 of the *Hydro and Electric Energy Act* (Chapter H-16, RSA 2000) for a Permit to construct and Licence to operate the approximately 19-kilometre (km) portion of transmission line 7L114 to be located within ATCO Electric's operating area, from a point of interconnection with AltaLink's proposed 144 kV transmission line 7L114 in LSD 1 in SE 2-78-9-W4M to ATCO Electric's proposed Waddell's substation in LSD 10 in NE 2-79-10-W4M.

Application for associated facilities proposed by AltaLink, including construction and operation of AltaLink's approximately 12-km portion of 7L114 and alterations at Leismer substation 72S, are included in AltaLink's Application No. 1588514. ATCO Electric has filed a separate application (No. 1587936) for approval of Waddell substation 907S.

3.0 PROJECT NEED, AESO DIRECTION AND ARRANGEMENTS WITH ALTALINK

The facilities are required to provide power to oil sands developments of StatoilHydro (formerly North American Oil Sands) in the area northwest of Conklin. The need for the project was addressed by the Alberta Electric System Operator (AESO) as AESO Project RP-05-595 and was the subject of a needs identification document (NID) filed with the

Alberta Utilities Commission (Application No. 1545097) pursuant to the applicable processes under the *Electric Utilities Act*. The need was approved by the Commission on March 20, 2008. In accordance with Section 35 of the *Electric Utilities Act*, AESO has directed ATCO Electric to submit this application. A copy of the direction correspondence dated July 4, 2008, is attached.

Recognizing that efficiencies may result from one party being responsible for certain project components for the entire line, it was agreed by AltaLink and ATCO Electric that AltaLink would be responsible for the routing, participant involvement program, initial right-of-way acquisition, engineering, procurement and construction of both AltaLink's and ATCO Electric's portions of the 144 kV line. ATCO Electric is contracting with AltaLink to provide the aforementioned project components. These arrangements were reflected in the Proposals to Provide Service (PPS) submitted to AESO by AltaLink and ATCO Electric, whereby the cost estimate for ATCO Electric's portion of 7L114 was prepared by AltaLink as part of AltaLink's PPS.

4.0 PROJECT DESCRIPTION

The ATCO Electric portion of the proposed transmission line 7L114 would extend approximately 19 km from the points cited in section 2.0, and as shown on the proposed transmission line route map drawing RS-7L114-A-04 (Attachment 3). The line would be a single-circuit 144 kV design as described in section 6 of AltaLink's Application No. 1588514. An approximately 8.8-km segment of the 144 kV line would be under-built with new 25 kV distribution power line, with structures as illustrated on AltaLink's drawing X1, filed with AltaLink's Application No. 1588514. The location of this under-built segment is shown on ATCO Electric's route map (Attachment 3).

Details of the line specifications, right-of-way requirements and routing rationale are provided in AltaLink's Application No. 1588514. Upon completion of construction, AltaLink will hand over the transmission line to ATCO Electric, and will have transferred the right-of-way to ATCO Electric.

ATCO Electric expects that AltaLink will design and build the line in accordance with AESO's direction letters and final functional specification document, and with all applicable laws, regulations and good utility practice.

Proposed Route Description

The proposed route and reference nodes are shown on the ATCO Electric route map (Attachment 3). The proposed route would start at the point of interconnection with AltaLink's portion of line 7L114 at node KM12 in LSD 1, SE 2-78-9-W4M, and extend north for approximately 8.8 km to node KM21 in SW 34-78-9-W4M. The route would follow the Waddell Road with the power line structures located 1 m within the west boundary of the road plan. This segment would cross the Christina River in SE 2-78-8-W4M.

At node KM21 the line would turn west and follow an Al-Pac road for approximately 8.3 km to node KM29 in SW 1-79-10-W4M. For this segment the power line structures would be located 1 m within the north boundary of the road plan, and would be under-built with a new ATCO Electric 25 kV distribution line. This segment would cross the Christina River again at NW 31-78-9-W4M.

At node KM29 the transmission line would turn north and then west, located on the StatoilHydro Leismer plant perimeter access and plant site, to Waddell substation in LSD 10, NE 2-79-10-W4M. This segment is approximately 1.8 km in length. The first 0.5 km portion, from node KM29 to node KM30 in NW 1-79-10-W4M, would be under-built with a new ATCO Electric 25 kV distribution line.

For the entire length, the transmission line would require an easement with a minimum width of 20 m. The easement would overlap the existing road plans/clearings by 10 m, and extend 10 m onto adjacent Crown land. Most segments would require additional right-of-way as a vegetation control easement for up to 15 m of additional clearing.

5.0 SCHEDULE

The project schedule is as outlined in section 1 of AltaLink's Application No. 1588514. Approval is sought in November 2008 to allow construction to commence in December 2008 or, if conditions permit, as soon as permit and licence is received. The targeted in-service date is July 1, 2009.

6.0 COST

The estimated costs for the ATCO Electric portion of the proposed line is \$6,259,000, as provided to AESO in a PPS by AltaLink, and as filed with the Commission as part of AltaLink's Application No. 1588514 (Appendix B1, Project Costs, page 1). The estimated line costs together with ATCO Electric's estimated cost of \$8,704,000 for Waddell substation (as provided in an ATCO Electric PPS to AESO, and submitted to the Commission in Application No. 1587936), constitute the total ATCO Electric project cost of \$14,963,000 as specified in the AESO direction letter to ATCO Electric.

7.0 PARTICIPANT INVOLVEMENT PROGRAM

AltaLink completed the siting and participant involvement program for ATCO Electric's portion of the proposed transmission line, as part of the agreement cited in section 3.0. AltaLink's program is described in section 10 of AltaLink's Application No. 1588514, and supported by the participant involvement program attachments of AltaLink's application. ATCO Electric understands that the program, as described in the application, was compliant with the Commission's requirements.

8.0 CONSTRUCTION, ENVIRONMENTAL AND ELECTRICAL CONSIDERATIONS

Routing, construction and environmental considerations for the proposed transmission line are described in sections 6 through 8 and section 11 of AltaLink's Application No. 1588514. ATCO Electric expects that all construction related activities carried out by AltaLink for ATCO Electric will be conducted in accordance with Alberta Environment's C&R/IL/95-2, *Environmental Protection Guidelines for Electric Transmission Lines*, with the terms and conditions of the Crown easements, and with all applicable laws, regulations and good utility practices.

ATCO Electric has included additional information in a conservation and reclamation document (Attachment 2 of this application) to describe ongoing maintenance activities and environmental protection measures that would apply once ATCO Electric assumes the operational responsibility of the facility after completion of construction by AltaLink.

Electrical Effects

High voltage electrical transmission facilities may induce a voltage in metal objects that are located nearby. The most common objects are metal fences and buildings, telephone lines, and pipelines. Appropriate mitigation measures are outlined as follows.

The transmission facilities will be constructed and maintained in such a manner as to keep radio and television interference levels within limits acceptable to Industry Canada, the federal government department that regulates communications.

Under certain conditions, power transmission facilities can induce both electrical noise and hazardous voltages on telephone lines. ATCO will work with TELUS before and after construction to identify and mitigate adverse impacts.

Where necessary, metal fences, buildings, and structures will be grounded by ATCO to minimize induced voltages. Minimum clearance required between all transmission facilities and buildings will be in accordance with the *Safety Codes Act* and regulations.

The *Safety Codes Act* and the *Pipeline Act* both have regulations to which ATCO Electric and the pipeline operators must adhere. ATCO Electric, in conjunction with pipeline operators, will continue to meet the regulated standards, including the *Safety Codes Act* and the *Pipeline Act*, so that both power line and pipeline facilities can be operated safely.

9.0 CONCLUSION

ATCO Electric expects AltaLink to design and build the ATCO Electric portion of transmission line 7L114 with the same diligence as described in section 2 of Application No. 1588514, regarding the requirements of the *Safety Codes Act*, applicable regulations and industry standards, inspection and energization authorization. ATCO Electric, on acceptance of the facilities following construction, will operate the facilities in accordance with the approvals granted by the Commission, the *Safety Codes Act*, and the applicable regulations and utility standards.

ATCO Electric is confident that the applied-for facilities are both warranted and cost effective, and respectfully requests the Commission's favourable consideration. Correspondence or questions concerning this project can be directed to Ryan Smart (phone 780-733-2800), or to the project manager James Carlson (phone 780-420-7296).

Yours truly,

< Original signed by D. Robertson for >

Ray Boven, P. Eng.

Vice President, Engineering

Attachments:

1. Application Text (this document)
2. Conservation and Reclamation Document.
3. Transmission Line Route Map, Drawing RS-7L114-A-04.
4. Direction from AESO, July 4, 2008.
5. Reference Note Regarding Attachments

CC: H. Ng / F. Ritter, AESO, Calgary
M. Jackson / R. Desrosiers, AltaLink, Calgary
B. Blattler, StatoilHydro, Calgary

DAY MONTH YEAR
02-Oct-2008

Application #
1589281

APPLICANT'S FILE NUMBER
7L114-ATCO Electric

SUBMISSION STATUS Registered SUBMISSION ID 183202 CREATION DATE 25-Sep-2008

1. APPLICANT INFORMATION

Primary Applicant

COMPANY NAME ATCO Electric Ltd. BA CODE 0A5Z
 CONTACT NAME Ryan Smart
 TELEPHONE (780) 733-2800 FAX (780) 420-8017
 E-MAIL facilityapp@atcoelectric.com
 MAILING ADDRESS 10035 - 105 Street, Edonton AB T5J 2V6

2. PROJECT OVERVIEW

1. Application Description:

Leismer-Waddell 144kV Transmission Line 7L114, ATCO Electric Portion, from Connection Point with AltaLink 144kV Line 7L114 to Waddell Substation 907S.

2. Are there other AUC applications directly related to this application? Yes No

Application Category	Application Type	Application Number (If Known)
<u>Electric</u>	<u>Need Assessment</u>	<u>1515869</u>
<u>Electric</u>	<u>Substations</u>	<u>1587936</u>
<u>Electric</u>	<u>Transmission Lines</u>	<u>1588514</u>

3. APPLICATION TYPES

1. Identify what this application is for:

Electric Transmission Lines

If you have any questions or comments, please contact the EAS Administrator.

© Alberta Utilities Commission

SUBMISSION STATUS Registered SUBMISSION ID 183202 CREATION DATE 25-Sep-2008

4. TRANSMISSION LINE

1. Provide the name(s) of all other companies having ownership in the project, details of their incorporation, and the share in the project that each would have.

Company Name: _____ Percentage: _____

Details:

Total other ownership (%)

2. Have you conducted a participant involvement program?

Yes No

If No, explain:

3. Are there outstanding public or industry objection and/or concerns? Yes No

4. Provide Electric Facility ID Number(s):

5. Provide the legal descriptions, including latitudes and longitudes of start and end points of the transmission line.(Provide latitude and longitude coordinate in decimal degrees.)

Start Point of Transmission Line

Lsd	Sec	Twp	Rge	Mer	Lat (NAD 83)	Long (NAD 83)
<u>1</u>	<u>2</u>	<u>78</u>	<u>9</u>	<u>4</u>	<u>55.7226</u>	<u>-111.2777</u>

End Point of Transmission Line

Lsd	Sec	Twp	Rge	Mer	Lat (NAD 83)	Long (NAD 83)
<u>10</u>	<u>2</u>	<u>79</u>	<u>10</u>	<u>4</u>	<u>55.8180</u>	<u>-111.4525</u>

If you have any questions or comments, please contact the EAS Administrator.

REFERENCE NOTE

Regarding Required Attachments for EAS/DDS Registration

This attachment provides information requirements in accordance with the Alberta Utilities Commission's Rule 007 and/or the Commission's Electronic Application Submission/Digital Data Submission (EAS/DDS) system. To avoid duplicate submission in the EAS/DDS system of an attachment that is otherwise deemed by the EAS/DDS system as a required attachment, this reference note is provided to indicate where the required attachment or information may be found and to substitute for the required or duplicate attachment. Attachments cited are considered to be submitted for the applicable facilities as referenced below.

Location of Required or Common Attachments for 144 kV Transmission Line 7L114 (ATCO Electric Portion)

Description of Attachment:	Submission:
AESO Direct Assignment Letter	Submitted as Attachment 4 of this application.
Application (text)	Submitted as Attachment 1 of this application.
Project Area Map	AltaLink drawing D1, submitted by AltaLink under Route Maps for Application No. 1588514.
Air Photo Mosaics	AltaLink drawing M1, submitted by AltaLink under Air Photo Mosaics for Application No. 1588514.
Conservation & Reclamation Plan	Submitted as Attachment 2 of this application.
Route Maps	ATCO Electric drawing RS-7L114-A-04, submitted as Attachment 3 of this application.
Transmission Line Maps	AltaLink drawing X1, submitted by AltaLink under Transmission Line Maps for Application No. 1588514.

CONSERVATION AND RECLAMATION

PART 1 ENVIRONMENTAL PROTECTION MEASURES

PROJECT OVERVIEW AND SETTING

ATCO Electric proposes to construct the approximately 19-kilometre (km) portion of transmission line 7L114 to be located within ATCO Electric's operating area, from a point of interconnection with AltaLink's proposed 144 kV transmission line 7L114 in LSD 1 in SE 2-78-9-W4M to ATCO Electric's proposed Waddell substation in LSD 10 in NE 2-79-10-W4M. The facilities are proposed to be completed by July 1, 2009.

Recognizing that efficiencies may result from one party being responsible for certain project components for the entire line, it was agreed by AltaLink and ATCO Electric that AltaLink would be responsible for the routing, participant involvement program, initial right-of-way acquisition, engineering, procurement and construction of both AltaLink's and ATCO Electric's portions of the 144 kV line. ATCO Electric is contracting with AltaLink to provide the aforementioned project components. The ATCO Electric portion of line, including the easements, will be handed over to ATCO Electric with the completion of construction.

The project area is forested Crown land (Provincial Green Area) within Lac La Biche County and the Regional Municipality of Wood Buffalo, about 16 to 35 km northwest of Conklin. The surrounding area is relatively flat with mixed-wood forests (aspen, pine and white spruce) mixed with muskeg (black spruce), flooded areas, forest fire burned patches and regenerating cutblocks. Existing industrial development in the area is dominated by oil and gas well sites and pipelines. The area is also in the Al-Pac forest management area and has undergone significant timber harvesting. Roughly 2.5 km of the ATCO Electric portion of the line is located in the regenerating deciduous cutblocks.

RIGHT-OF-WAY CLEARING AND CONSTRUCTION

Routing, construction and environmental considerations for AltaLink's portion of the proposed transmission line are described in sections 6 through 8 and section 11 of AltaLink's Application No. 1588514. The work on ATCO Electric's portion of the line is to be undertaken by AltaLink with the same standards as described in the above-referenced sections of AltaLink's application for AltaLink's portion of line 7L114. ATCO Electric expects that all construction related activities carried out by AltaLink for ATCO Electric will be conducted in accordance with Alberta Environment's C&R/IL/95-2, *Environmental Protection Guidelines for Electric Transmission Lines*, with the terms and conditions of the Crown easements, and with all applicable laws, regulations and good utility practices. The proposed transmission facilities are not of the class of activities requiring a Conservation and Reclamation Approval or an environmental impact assessment report under the *Environmental Protection and Enhancement Act*.

Watercourse Crossings

The line would cross the Christina River in SE 2-78-8-W4M, and in NW 31-78-9-W4M. In both cases, the crossing locations are on all season roads. Due to the proximity of the proposed line to the existing roads, no equipment crossings will be required as equipment can utilize the existing crossings on the adjacent roads. A 30 m riparian zone will be retained on the river banks and low-growing vegetation will be left in place to provide a buffer for the water body.

OPERATIONS AND FUTURE MAINTENANCE

Continued operation and maintenance of the proposed transmission line will require access to the structures and conductors. Access for work on the line will be from the acquired right-of-way, using existing access where available. Wide-pad tracked equipment or LGP vehicles will be used where ground conditions do not permit the use of regular equipment. Vegetation management and removal will be required to control the growth of incompatible vegetation along the line, and will be done in accordance with the standards of practice for the Industrial Vegetation Management Association of Alberta.

The same existing access roads used by construction will be used by maintenance personnel to access the right-of-way. For ongoing maintenance, access may vary depending on the condition of the right-of-way. Under frozen ground conditions, regular wheeled vehicles will be used, and the construction road or trail on the right-of-way will be graded using a small crawler tractor. Where unfrozen sections are encountered, tracked or LGP vehicles will be used on the right-of-way. During unfrozen ground conditions, helicopters may be used to bring maintenance personnel and light weight equipment to a site. If line maintenance requires larger equipment, tracked or LGP vehicles will be used. A small, wide-pad crawler tractor may also be used for non-frozen ground conditions.

Existing access routes are based on the Applicant's best knowledge and understanding of current conditions. These routes are subject to changes that may occur prior to or during construction or maintenance activities such as new access created by seismic crews, fire crews or other resources activities. Additional access requirements due to site-specific opportunities or constraints encountered prior to or during construction will be finalized in conjunction with the SRD Forest Officer.

Vegetation Maintenance on Rights-Of-Way

The basic purpose of the maintenance program is to control the growth of incompatible vegetation along the transmission line; to make it acceptable to the general public and adjacent landowners; and to accommodate the safe and uninterrupted operation of Applicant's electrical system.

In order to accomplish this purpose four objectives must be met:

- a. Methods of control should provide, in time, ground cover of grasses and low shrubs acceptable in appearance to all user groups, while improving the habitat for local game.
- b. Power interruptions do not occur as the result of tree contact with power lines.

- c. There is ready access to all power lines when service work is required.
- d. Steps are taken to ensure that environmental damage does not occur on and off power line rights-of-way.

The maintenance program on rights-of-way employs both mechanical and chemical techniques as permitted, to attain the above objectives.

All pesticide applications shall be made by, or under the supervision of, a holder of an applicator certificate.

There would be no brush spraying under any of the following conditions unless otherwise specified:

- a. Within 30 horizontal metres of the boundary of a municipal, provincial or national park, except where specific permission has been granted;
- b. In an urban or resort area;
- c. Within reasonable distance of a dwelling;
- d. On private property, including Indian Reserves, without first obtaining permission;
- e. Within 30 horizontal metres of open water, unless a permit has been obtained from the Crown;
- f. On reasonably homogeneous stands of vegetation species not expected to grow at maturity to a height that would infringe on the required clearance to conductors;
- g. In areas near gardens, planted trees, shelterbelts, or susceptible field crops, which would be left for, either:
 - i. knapsack spraying,
 - ii. dormant (off season) spraying, or
 - iii. mechanical control, and,
- h. Within a 30-metre buffer strip, if a buffer was left where a main power transmission line crosses a numbered highway.

Maximum tree heights normally allowed for herbicide treatment are as follows:

- a. Up to 1.5 metres on any right-of-way, that shares a common right-of-way boundary with a numbered highway;
- b. Up to 2.5 metres on any right-of-way that shares a common right-of-way boundary with a paved road, main market or travelled rural road; and,
- c. Up to 4.0 metres on any right-of-way that goes cross-country.

Heights given are subject to the directions on the herbicide manufacturer's label which are based on regulations issued under the *Pest Control Products Act (Canada)*.

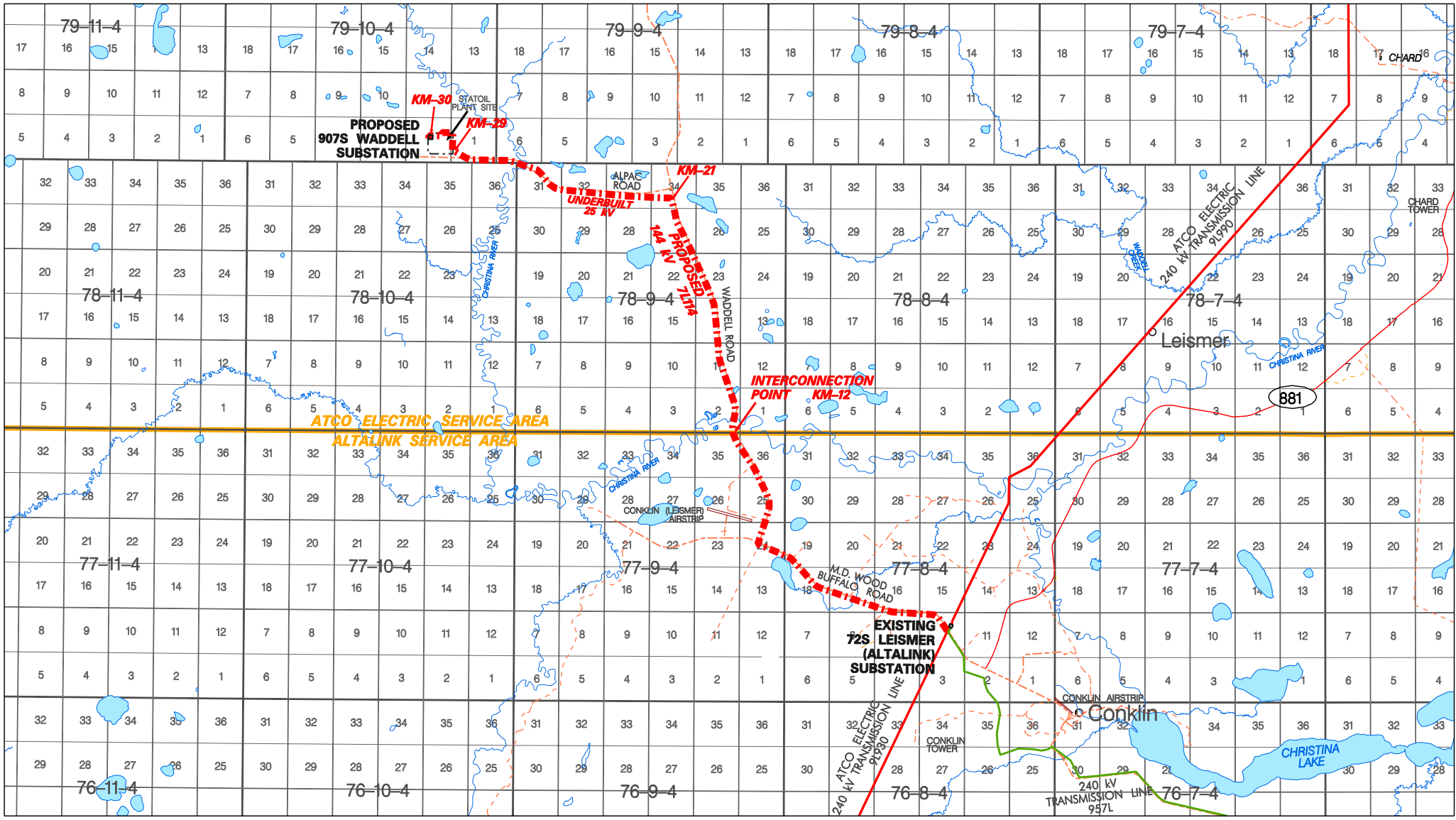
In instances where permission is given to spray trees that are taller than would otherwise be allowed, mechanical removal must occur prior to the following growing season.

No soil sterilant herbicide would be used where soil erosion or excessive leaching problem could result.

All vegetation control operations must be carried out in conformity with the Acts and Regulations as promulgated by the Crown.

Fire Contingency Plan

The company would comply with the requirements of the Forest and Prairie Protection Act and Regulations, and applicable prevention of wildfire agreements. The company would designate one of its staff as Fire Boss, who would be familiar with fire suppression techniques and equipment. All inspector and contractor vehicles would carry fire suppression equipment. In the event of a fire, the company would immediately commence fire suppression measures, as well as report the fire to Alberta Sustainable Resource Development.



LEGEND
 Proposed Transmission Line Route
 Existing Transmission Line
 Reference Node
 Existing Transmission Facilities (Not ATCO Owned)
 Pipeline R / W



A3



ATCO Electric

Waddell Substation
 144 kV Transmission Project
REFERENCE MAP
 ATTACHMENT 3



July 4, 2008

Project No.: RP-05-595

ATCO Electric Ltd
10035-105 Street
Edmonton, Alberta
T5J 2V6

Attention: Christina Clark – Manager, Operational & Facilities Planning

Dear Madam,

RE: Direction from the Alberta Electric System Operator (the “AESO”) to ATCO Electric Ltd. (“ATCO”) re: s. 35(1)(a) of the *Electric Utilities Act* (the “EUA”), to file a Transmission Facilities Application with the Alberta Utilities Commission (the “Commission”) for StatoilHydro Leismer Facility (the “Project”)

On December 14, 2007, the AESO submitted to the Commission for approval its Abbreviated Needs Identification Document, Application No. 1545097 describing the need for the Project. Subsequently, the Commission issued the Approval on March 20, 2008 (the “ANID Approval”).

Now, under Section 35(1)(a) of the EUA, the AESO hereby requests and directs (the “Direction”) ATCO to submit, for Commission approval under the *Hydro and Electric Energy Act*, a transmission facility application to meet the need identified in the ANID Approval (the “Facility Application”).

Once ATCO receives Commission approval of the Facility Application in the form of the appropriate permit(s) and licence(s) under the *Hydro and Electric Energy Act* (the “Commission Approval”), ATCO shall initiate the engineering, procurement and construction of the Project.

In addition to the above, the following requirements apply to this Direction:

- a. The Facility Application must address the interconnection requirements associated with the Project and must include ATCO’s share of the estimated total Project cost. This project will be implemented by both ATCO Electric Ltd. (“ATCO”) and AltaLink. Estimated total Project cost is \$29,412,000.00 (CAD). This Project cost is based on ATCO’s Proposal to Provide Service (“PPS”) estimate for this Project, dated March 17, 2008; and AltaLink’s PPS dated March 14, 2008. ATCO’s share of

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project cost based on respective service area is \$14,963,000.00 (CAD) including system related costs of \$85,120.00 (CAD).

- b. As per the terms and conditions of the Customer and System Contribution Policy in the AESO's Tariff, the customer contribution for this Project has been determined to be \$25,306,806.00 (CAD), including 12% operations and maintenance ("O&M") charge for customer related cost of \$29,326,880.00 (CAD). ATCO's share of the customer contribution based on respective share of customer related cost is \$12,838,448.00 (CAD) including \$1,785,346.00 (CAD) O&M charge. This O&M charge is not part of the capital Project cost.
- c. On October 23, 2007, the AESO has entered into a Construction Commitment Agreement Waiver with ATCO for this Project. As such, ATCO is responsible for the recovery of all Project costs and expenses, including those relating to detailed engineering and procurement of materials, associated with this Direction and incurred by ATCO prior to Commission Approval. Therefore, such costs and expenses are not to be included in ATCO's transmission tariff. Further, the AESO expects that all costs and expenses incurred by ATCO as a consequence of this Direction will be prudently incurred.
- d. The Facility Application should reference the forecasted Project in-service date of July 1, 2009, as set out in the PPS.
- e. The AESO has developed ISO Rules pursuant to Section 20 of the EUA and Part 4 of the *Transmission Regulation*, including rules to address ATCO eligibility, project reporting and procurement of project materials and construction services. The ISO rules are applicable to this Project and to this Direction. Therefore, as ATCO's Distribution Facility Owner ("ATCO DFO") has made an application for system access service and as per rule 9.1.3.7 of the ISO Rules, ATCO shall provide to ATCO DFO and to the AESO any and all notifications and documents required under rule 9.1.3.

As well, the AESO understands and expects that, subject to the Commission Approval, the Project will be designed and constructed in accordance with both ATCO's and AltaLink's PPS and the AESO's Final Functional Specification, dated December 18, 2007, Rev # 5.

Please indicate ATCO's acknowledgement of this letter by having a duly authorized signing officer of ATCO sign this letter and by then returning, on or before July 18, 2008, the enclosed copy marked "AESO File Copy" to the attention of Hollie Giggie at:

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

Should you have any questions or concerns, please contact Henry Ng at (403) 539-2707.

Sincerely,

Alberta Electric System Operator



Neil Millar, P.Eng.
Vice President, Transmission

cc. Tom Chan - AUC

THE FOREGOING DIRECTION ACKNOWLEDGED THIS 17 DAY OF July
_____, 2008.

ATCO Electric Ltd.

Per:  _____

Name: **Paul Goguen, P.Eng., MBA** _____
Vice President, Transmission
ATCO Electric Ltd.

Title: _____