

Minor Alterations at Irish Creek Substation near Elk Point

ATCO Electric wishes to advise neighbouring landholders, agencies and other interested parties about some minor alterations planned at the existing Irish Creek substation in east central Alberta.

Purpose of Alterations

- Alterations are required at Irish Creek substation in association with the addition of a new 144 kV power transmission line and substation in the Elk Point to Lindbergh area serving a new IPF pump station. The need has been identified by the Alberta Electric System Operator (AESO).

Impacts to Neighbours

- All of the improvements will be within the existing ATCO Electric property and substation fenced area.
- Upon completion, there should be little difference in the overall appearance of the substation.
- Neighbouring landholders may notice some increased traffic and noise during construction.
- Interruptions to electric service during construction are not expected. If planned outages are required, we will try to notify affected customers at least 48 hours beforehand.

Substation Location

- NE 17, Tp. 55, Rge. 6-W4M, east of Highway 41, within the County of Two Hills, about 16 kilometres southeast of the Town of Elk Point.
- On ATCO's existing 175 m by 150 m property.

Details of Improvements (see attached map-drawing)

- Add three new 144 kV circuit breakers, remove a 144 kV circuit switcher, add a new 25 m telecommunications tower, and make associated infrastructure, protection and control equipment alterations.
- No change to the existing 92 by 67-metre fenced area.



Typical 144 kV Circuit Breaker

Timing

- ATCO Electric plans to submit a Permit and Licence Application to the Alberta Utilities Commission by February 2009. At about the same time, AESO will apply to the Commission for approval of the need. Prior to construction, ATCO Electric would seek approvals from other agencies as required. **The work is planned to occur in September to December 2009.**

If you have any questions or concerns about the planned activity, please contact:

Deb Nelson, Engineering Department, Edmonton

Phone (780) 420-4151 • Toll-free 1-866-600-0022

Fax (780) 420-8017 • E-mail Deb.Nelson@atcoelectric.com

Note: timing, layout and other details may vary slightly with final plans.

Transmission substations like this one connect the transmission lines (69 kilovolts [kV] and higher) to the distribution system (25 kV and lower) to serve the local area. **ATCO Electric** owns and operates the transmission and distribution systems that deliver electricity to customers in northern and east-central Alberta. For power emergencies call us at 1-800-668-5506. For general enquiries about power lines or meters call us at 1-800-668-2248. For questions about hook-ups or your bill, please contact your energy retailer (see the phone number on your bill). **AESO** plans the transmission development in Alberta, and directs transmission facility owners such as ATCO Electric to provide the needed transmission services and facilities. Enquiries about the need can be directed to AESO at 1-888-866-2959, stakeholder.relations@aeso.ca. If you have any questions regarding the process for applications to the **Alberta Utilities Commission**, please contact the Commission at 780-427-4903.

DATE: _____

FAX OR MAIL TO: Deb Nelson, ATCO Electric, Fax No. 780-420-8017

PROJECT: Alterations at Irish Creek Substation in 2009

Do you have any facilities or developments in the area that may be affected by this project?

No. Yes, and they are as follows:

Do you have any concerns about the project?

No. Yes, and they are as follows:

Is there anyone else we should be contacting about this project?

No. Yes, and they are as follows:

Do you have any other comments or questions?

No. Yes, and they are as follows:

If we have any errors in your name and address, please provide corrections.

Sent By: Name _____

Agency/Company Name _____

Address _____

Phone No.: _____ Fax No.: _____

E-mail/Other: _____