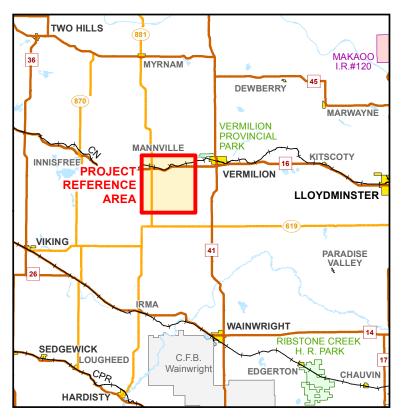
ATCO SHAPE the Conversation



September 2019

BUFFALO CREEK TRANSMISSION PROJECT

Component of Provost to Edgerton and Nilrem to Vermilion Transmission System Reinforcement Project.



This newsletter provides you with information about electric transmission facilities being planned in your area. This package provides important project information and outlines our public consultation process. We invite any comments, questions or concerns you may have. ATCO Electric Ltd. (ATCO) and AltaLink were both directed by the AESO to develop portions of the Provost to Edgerton and Nilrem to Vermilion Transmission System Reinforcement Project.

ATCO is proposing the Buffalo Creek Transmission Project, that will consist of adding a new 144-kilovolt transmission line on steel monopoles, starting from the existing 7L65 Transmission Line near the Village of Mannville into a new substation, to be known as Drury. The specific location of the Drury substation will not been determined until more defined routes are known. A new single circuit 240-kilovolt Transmission Line will be constructed on wooden H-Frame structures from the Drury Substation to the service territory boundary. AltaLink

will complete the Transmission Line project to Nilrem Substation near Hardisty. The project is to reinforce and upgrade the transmission system capability of the central east sub-region and to ultimately improve capacity in the Lloydminster Area.

ATCO is seeking your input on how this project may affect you. If you are in the direct vicinity of the planned routes or are interested in providing a location for a substation, ATCO will contact you in the coming weeks.

Project Need

On April 10, 2019, the Alberta Utilities Commission (AUC) approved the Alberta Electric System Operator's (AESO) Needs Identification Document (NID) titled the Provost to Edgerton and Nilrem to Vermilion Transmission System Reinforcement Project (PENV).

The AESO's approved transmission development expands and enhances the transmission system in the Provost to Edgerton and Nilrem to Vermilion areas to maintain reliable electricity supply, accommodate load growth and provide reasonable options for future generation access in the area.

The AESO is an independent, not-for-profit organization acting in the public interest of all Albertans. AESO plans Alberta's transmission system, which is made up of transmission lines, substations and other related equipment that allow electricity to flow from where it is generated to where it is used.

To learn more about the need for this project, please contact:

ALBERTA ELECTRIC SYSTEM OPERATOR

Phone: 1 888 866 2959

Email: stakeholder.relations@aeso.ca

Website: https://www.aeso.ca/grid/projects/penv/

LOCAL BENEFITS

Upgrading the transmission system in your area will:

- Improve access to safe, secure and reliable power
- Allow future businesses to connect to Alberta's electric system
- Encourage investment in our province

If you are a local business, and would like to be considered for the ATCO approved vendors list, please contact us toll free at **1 800 668 2248**.



Transmission Routes

Prior to consultation with landholders, ATCO develops early route concepts (see enclosed maps). In selecting early route concepts, ATCO considers numerous constraints and barriers, including:

- · Proximity to residences
- · Environmentally sensitive areas
- Wetlands
- · Planned developments

- Existing infrastructure (i.e. other transmission lines, roads, highways, pipelines, telecommunication towers)
- · Agriculture operations
- Visual factors
- Construction & land acquisition costs
- · Quarter and section lines
- · Property boundaries & field edges
- Other special considerations (i.e. access roads)

The Process

Our research indicates that you are in the vicinity of the proposed route concepts for the Buffalo Creek Transmission Project, a component of the Provost to Edgerton and Nilrem to Vermilion Transmission System Reinforcement Project . In the coming weeks, ATCO may be contacting you to discuss the Project.

Consultation with landholders routinely leads to improvements on our projects. We have adjusted routes, developed new route options and rejected other routes because of conversations with landholders. Your feedback and input will help determine the best possible routes.

We would like to meet with you to gather information about the area and answer any questions you may have.

Once this initial consultation phase is complete, ATCO will refine the routes. We will then begin another round of consultations with landowners in the vicinity of the selected route options, and the new Drury Substation to gather additional input (see The Schedule below).

In developing route options, ATCO must consider a range of route constraints and barriers including proximity to residences (see Transmission Routes section above). We undertake extensive studies to

understand the potential impacts on wildlife, wetlands and other sensitive areas.

In addition to the in-person and telephone consultations that ATCO will undertake, we invite anyone who is interested in the Project to:

- join us for the open house
- provide feedback and share other information using the enclosed reply form and postage paid envelope; and
- be a part of the conversation. If you have any questions, concerns or other information regarding this Project, we want to hear from you.

THE SCHEDULE

We begin sharing information about the project to determine the best options.

We gather your input. Based on this input and other factors, route option(s) are selected. ATCO submits an application to the AUC to build the proposed facility.

The AUC reviews the application by way of a public process.

If approved, construction of the new facility begins.

PUBLIC CONSULTATION -

is a continuous process that occurs throughout the life of the project.

Access Trails and Temporary Workspace

Access trails may be required in areas where terrain conditions or the presence of wetlands make driving along the right-of-way impractical. In some situations, access trails will be temporary. Permanent access trails may be needed for ongoing maintenance in some areas. If required, temporary and permanent access trails will be approximately 6 to 15 metres (m) wide.

In addition, temporary workspace may be required along the edge of the right-of-way and in other selected locations. If needed, this temporary workspace will be used to install the structures and string the transmission line. At corners or locations where the line bends, additional areas may be required to string the transmission line and accommodate the movement of equipment. This temporary workspace may extend beyond the right-of-way by up to 250 m. The exact locations of all temporary workspaces and structures have yet to be determined, and dimensions may vary with final plans.

Arrangements for temporary workspace will be discussed and negotiated with landowners individually.



The Right of Way

The term right-of-way refers to the area a transmission line uses including areas on either side of the line. Rights-of-way must have a minimum width to ensure safety and ongoing access for maintenance.

For safety reasons, some general restrictions on the use of the land in the direct vicinity of the transmission line may apply. These include setbacks for development.

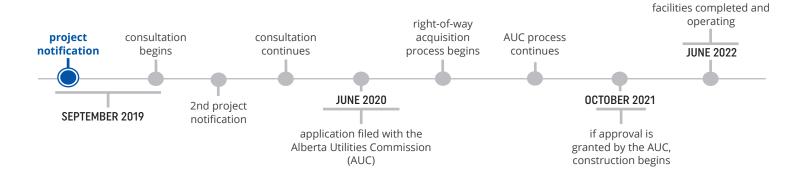
Details including width and position of the right-of-way will depend on the type and size of the required structure, existing land use, surrounding features and other factors.

The right-of-way will follow property boundaries if feasible and in some situations, will follow existing features like a road or another power line.

The typical width of the right-of-way for the Project will vary depending on the ultimate structure selection.

Once a proposed route(s) has been submitted to the AUC, ATCO begins negotiating agreements with landholders to acquire right-of-way. Once the transmission line facility is operating, landholders may return to using the land in the right-of-way according to the agreements between landholder and ATCO.

THE SCHEDULE



CONTACT INFORMATION

Your comments and concerns are important to us. Please contact us if you would like to learn more about this project, or if you would like to share information with us.

- Call us toll free at 1 855 420 5775 or
- Use the enclosed reply form and postagepaid envelope to share feedback or

Wendi Dehod

Environmental Planner ATCO 10035 - 105 Street Edmonton, AB T5J 2V6

Email: consultation@ATCOelectric.com Website: www.ATCOelectric.com Fax: 780 420 5030

To learn more about AltaLink's portion of the Provost to Edgerton and Nilrem to Vermilion (PENV) Transmission Development, please contact:

AltaLink Management Ltd. (AltaLink)

Phone: 1 877 267 1453 (toll free)
Email: stakeholderrelations@altalink.ca

Website: www.altalink.ca/projects

Alberta Electric System Operator (AESO)

Phone: 1 888 866 2959

Email: stakeholder.relations@aeso.ca Website: www.aeso.ca/grid/projects

Alberta Utilities Commission (AUC)

Phone: 780 427 4903

(for toll-free, dial 310 0000 first)

Email: consumer-relations@auc.ab.ca

Website: www.auc.ab.ca





Approval Process

Alberta's electrical system is regulated by the Alberta Utilities Commission (AUC), an independent agency of the province that ensures the fair and responsible delivery of utility services. Before ATCO can begin construction on this project, the AUC must approve the facility application, which includes details such as location of electric transmission facilities and proposed alterations. For more information about how you can participate in the AUC approval process, please refer to the enclosed AUC brochure, Public Involvement in a Proposed Utility Development.

Next Steps

The consultation process for this project is ongoing. Please let us know if you have questions, concerns or suggestions regarding this project. You can provide feedback and share other information using the enclosed reply form and postage paid envelope, by contacting us (toll free) at **1 855 420 5775** or by emailing us at consultation@ATCOelectric.com.

Included in this package:

- Project Technical Details
- Joint Project Overview Map—reflects the entire project area
- · Reference map—reflects ATCO's project area
- Route mosaic maps—maps are included for your specific land or area interests
- Open house invitation
- AUC brochure: Public Involvement in a Proposed Utility Development
- Reply form and postage paid envelope

ATCO The Technical Details

September 2019

BUFFALO CREEK TRANSMISSION PROJECT

Component of Provost to Edgerton and Nilrem to Vermilion Transmission System Reinforcement Project are described in this fact sheet. Designs may vary as plans are finalized.

AltaLink's portion of the Project	New 240-kV Transmission Line	Planned new Drury 2007S Substation	New 144-kV Transmission Lines
The Project includes adding one 240 kilovolt (kV) transmission line between the service territory boundary and the existing AltaLink owned Nilrem 574S substation near Hardisty.	ATCO is planning to build a new transmission line (called 7L333) from AltaLink's planned transmission line to the planned Drury substation.	ATCO is planning a new substation called Drury. The substation site has not been determined yet, but intended to be in the area west of the Town of Vermilion.	ATCO is planning to build two new transmission lines (called 7L65 and 7L205) from the planned Drury substation to the existing 7L65 transmission line.
The Details	The Details	The Details	The Details
Details on the AltaLink portion of the Project can be obtained by contacting AltaLink.	The transmission line will be approximately 40 km long. The line will be constructed to 240-kV standards, but initially operated at 144-kV voltage. The H-Frame structure for this transmission line is described in more detail on the back of this fact sheet	The substation is planned to be on a 400 m by 400 m sized property. The substation will contain new electrical equipment and have the new transmission lines enter the new facility. ATCO will be discussing potential sites with landholders.	These two transmission lines will be arranged as an "in-out" at Drury substation. These lines are planned to be installed on a common double-circuit monopole structure that will hold all of the conductor wires. The double-circuit monopole structure is described in more detail on the back of this fact sheet.

Definitions

Circuit

A circuit is a group of wires electricity flows through. ATCO's transmission lines can be single or double circuit. A single-circuit line has three wires and a double-circuit line has six. A transmission line may also have one or two shield wires on the top of the structures to protect the line from lightning.

Circuit breaker

A circuit breaker is an automatic switch that is designed to protect an electrical circuit from overloading by shutting off the flow of electricity.

Consultation

A consultation is a meeting where advice, information and views are exchanged.

Kilovolt (kV)

A kilovolt is equal to one thousand volts. This unit of measurement is most commonly used when describing transmission and distribution lines. Distribution and transmission lines in Alberta carry between 4-kV (4,000 volts) and 500-kV (500,000 volts).

Right-of-way

A right-of-way is the use of a strip of land acquired for the construction and operation of a transmission line. The term right-of-way is also used to refer to the physical space a transmission line encompasses including areas on either side of the line.

Termination

A termination is the point where a power line ends and connects to a substation.

What It Will Look Like

If approved by the Alberta Utilities Commission (AUC), the transmission lines will be built with structures similar to the ones shown here.

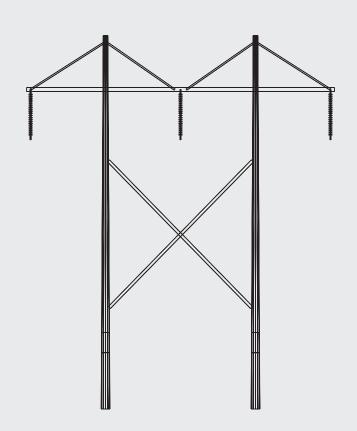
The Drury Substation site is where the structure types will change. Generally north of Drury the structures will be the double-circuit steel mono-pole and south of Drury the structures will be the single-circuit H-frame structure. ATCO will be investigation sites for the Drury substation in the area north of the Twp. Rd 500.

Non-typical structures with wider bases and/or guy wires and anchors may be required where the line ends or bends, at corners and to go over and around obstacles. In all cases, minimum clearance will meet or exceed the requirements of provincial safety regulations.



Double Circuit Steel Mono-Pole

- Typical Structure Height 27 m
- Structure Height Range 19 to 27 m
- Typical Right-of-Way Width 24 m
- Typical Distance between Structures 200 m
- May require guy wires at corners and/or turns

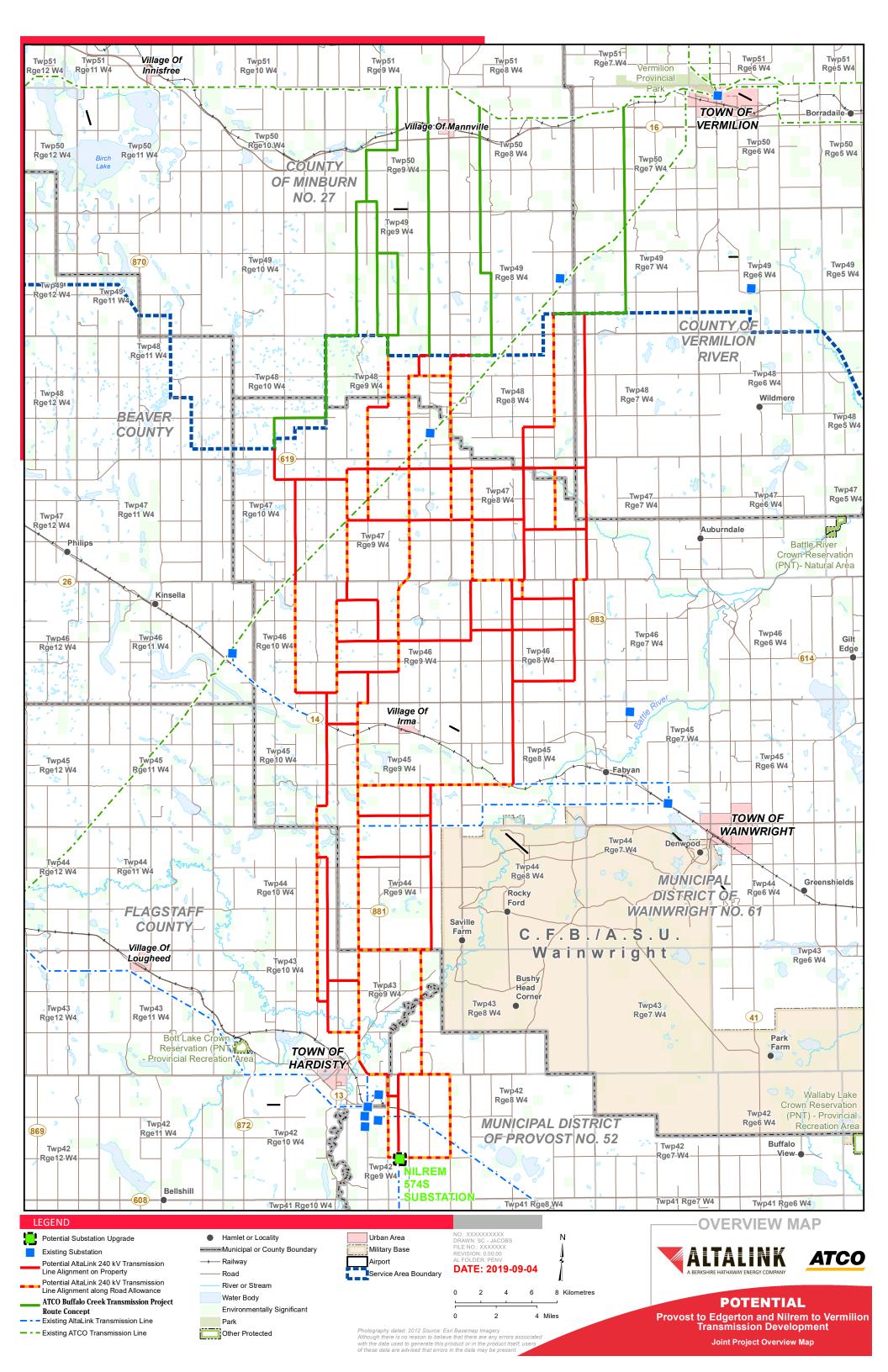


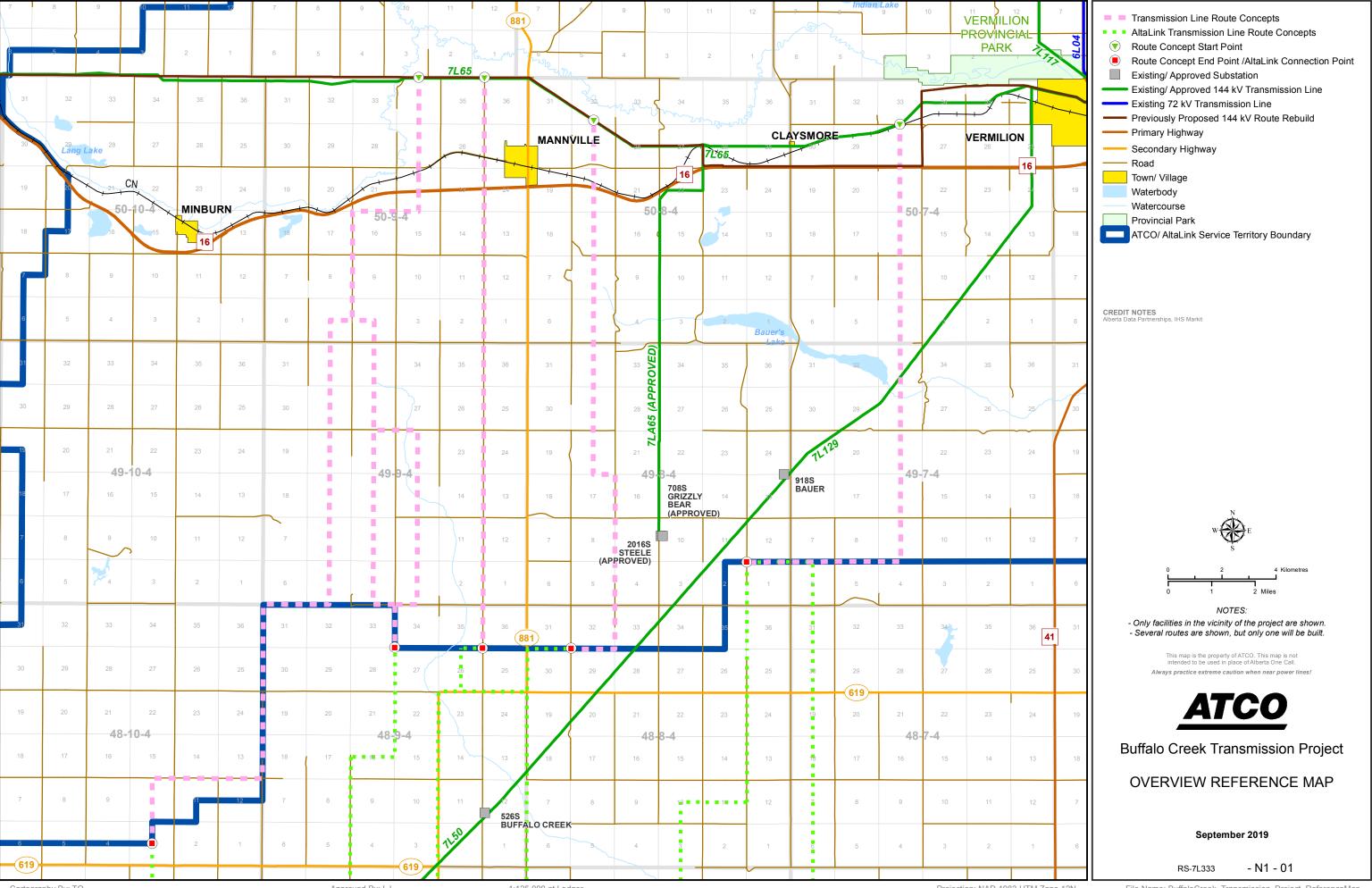
Single Circuit H-Frame Structure

- Typical Structure Height 20 m
- Structure Height Range 16 to 27 m
- Typical Right-of-Way Width 34 m
- Typical Distance between Structures 211 m
- May require guy wires at corners and/or turns

* Final Design may vary









Join Us at our Open House

ATCO is hosting an open house for the Buffalo Creek Transmission Project

A component of Provost to Edgerton and Nilrem to Vermilion Transmission System Reinforcement Project

ATCO is proposing a new 144 kV Transmission Line from the existing 7L65 Transmission Line near the Village of Mannville into a new substation, to be known as Drury. A new single circuit 240 kV Transmission Line will be constructed from the Drury Substation to the service territory boundary. AltaLink will complete the Transmission Line Project to Nilrem substation near Hardisty. The Project is to reinforce and upgrade the transmission system capability of the central east sub-region and to ultimately improve capacity in the Lloydminster Area.

Your feedback on the project is important to us. We encourage you to learn more or provide your input by attending our open house, visiting our website or by contacting us.

1 855 420 5775 | consultation@ATCOelectric.com | www.ATCO.com

Please join us at the drop in style open house listed below between 4 p.m. and 8 p.m.

Mannville — Wednesday, October 16, 2019

Mannville Hall, Mannville Recreation Centre 5202 – 52 Avenue, Mannville



1 855 420 5775 | consultation@ATCOelectric.com www.ATCO.com (click on "Projects")

Step 6: The public hearing process*

The public hearing process provides an opportunity for those who have been unable to resolve their concerns with the applicant and have made a filing with the AUC to express their views directly to a panel of Commission members. The panel reviews the initial filings and grants what is referred to as standing to those who may be directly and adversely affected by the proposed project. Standing is necessary to continue involvement as an intervener in the proceeding which may include the filing of evidence and participation in an oral or written hearing.

The AUC will issue a notice of hearing setting out the hearing date, location and additional process steps and deadlines.

An AUC public hearing operates similarly to a court proceeding and is a quasi-judicial process. The general public is welcome to attend as an observer and the hearings are often broadcast online so that those interested can listen in.

Participants in a hearing can either represent themselves or be represented by legal counsel. In addition, participants may hire experts to assist in preparing and presenting evidence to support their position.

Persons who hire legal counsel or technical experts must be aware that while reimbursement for the costs of legal and technical assistance may be available under AUC Rule 009, recovery of costs is subject to the Commission assessing the value of the contribution provided by counsel and technical experts. People with similar interests and positions are expected to work together to ensure that any expenditures for legal or technical assistance are minimized and costs are not duplicated.

Step 7: The decision

For electric transmission facilities, the need for transmission development filed by the Alberta Electric System Operator to the AUC must be considered to be correct unless someone satisfies the Commission that the needs application is technically deficient,

or that to approve it would be contrary to the public interest. For electric needs applications, the Commission can either approve, deny, or send the application back with suggestions for change.

Commission decisions made about applications filed for a specific utility development, including electric transmission lines, gas utility pipelines and power plants, may be approved, approved with conditions or denied. Decisions are typically released within 90 days from the close of the record as a written report. The decision, available on the AUC website, will summarize the Commission's findings and state its reasons for the decision with any conditions or approval time limits if applicable.

Sometimes needs and facility applications are considered together in a single proceeding.

Step 8: Right to appeal

A participant in a hearing who is dissatisfied with the decision of the Commission may request that the Commission review and vary its decision. Such a request must follow the procedure set out in AUC Rule 016: *Review of Commission Decisions*.

A dissatisfied participant may also file a leave to appeal motion in the Court of Appeal of Alberta within 30 days from the date the decision is issued.

Step 9: Construction and operation

Any applicant that receives a permit to construct and licence to operate a facility from the Commission must adhere to any conditions that were set out in the decision. If you notice something during the construction or operational phases of a project that concerns you, bring this to the applicant's attention. If you are not satisfied with the response you receive, please bring your concerns to the attention of the AUC

*Denotes opportunity for public involvement

The Alberta Utilities Commission is committed to ensuring that Albertans whose rights may be directly and adversely affected by utility development in Alberta have the opportunity to have their concerns heard, understood and considered. If you believe you may be directly and adversely affected you can become involved in the AUC application and review process.

Contact information

Phone: 780-427-4903 Email: consumer-relations@auc.ab.ca

Dial 310-0000 prior to the 10-digit number and then press 1 for toll-free access anywhere in Alberta.

Information session

It is our goal to ensure that you understand the process, and your opportunities for involvement in proceedings to consider utility development applications. For those interested in having an AUC staff member further explain the application and review process or answer questions you may have about your involvement in utility development proceedings, please contact us as we may schedule a information session with you. The virtual information session on our website, found under Involving Albertans, will also provide you with further details which could assist you in understanding the process and having your say in a utility development proceeding.

This brochure provides general information only. Specific participation opportunities may differ depending on the type of application.



Public involvement in a proposed utility development

Understanding your rights and options for participating in a proceeding to consider applications for a proposed project in your area

Updated March 2016 www.auc.ab.ca

Step 1*

Public consultation by the applicant.

Step 2

Application filed with the AUC.

Step 3

The AUC issues a notice of application or notice of hearing.

Step 4*

Interested parties submit filings to the AUC with any outstanding issues or objections.

If the AUC does not receive any submissions, the application will be reviewed and a decision may be made without a hearing.

Step 5*

The AUC issues a notice of hearing, if it was not already issued in Step 3.

Continued opportunity for consultation and negotiation with the applicant.

Step 6* Public hearing.

Step 7

The AUC issues its decision. Below are the options the AUC may consider for:

Needs applications from the Alberta Electric System
Operator:

- Approval of application.
- Return to the Alberta Electric System Operator with suggestions.
- Denial of application.

Facilities applications:

- Approval of application.
- Approval of application with conditions.
- Denial of application.

Step 8

Option to appeal decision or ask the AUC to review its decision.

Step 9

Approvals, construction and operation of facility, if approved.

Having your say

Early discussions with the applicant about proposed utility developments will often result in greater influence on what is filed in the application for approval. Utility developments include natural gas pipelines, electric transmission lines and substations (including Alberta Electric System Operator needs identification documents), and power plants. Should you have concerns related to a proposed utility development, it is best to have early and ongoing discussions with the applicant.

If your objections cannot be resolved, or you have outstanding concerns upon the filing of an application with the AUC, you have an opportunity to submit an initial filing with your objections in writing to the AUC containing the following information:

- How you may be affected by the proposed project and the location of your land or residence in relation to it or any alternative proposed in the application.
- The potential effect the proposed project may have on your property or interest in the property.
- A description of the extent to which you may be affected, and how you may be affected in a different way or to a greater degree than other members of the general public.

Following this initial filing, you may be able to fully participate in the proceeding. This could include having legal representation and participation in a public hearing. It is important to note that any applied for routes and segments (preferred and alternate) could be chosen as the approved route in the AUC decision.

Step 1: Public consultation prior to application*

Prior to filing an application with the AUC for the approval of a proposed utility development, the applicant is required to conduct public consultation in the area of the proposed project, so that concerns may be raised, addressed and if possible, resolved.

The requirements for consultation and notification, namely the participant involvement requirements, are set out in AUC Rule 007 for electric facilities and AUC Rule 020 for gas utility pipelines.

Potentially affected parties are strongly encouraged to participate in the initial public consultation, as early involvement in discussions with an applicant may lead to greater influence on project planning and what is submitted to the AUC for approval.

Step 2: Application to the AUC

When the participant involvement requirements have been completed, the proponent of the utility development files an application with the AUC. The application must indicate the issues which came up during the public consultation and any amendments considered or made to the project. Any unresolved objections or concerns which arose from the public consultation must be identified in the application.

*Denotes opportunity for public involvement

Step 3: Public notification

The Commission will issue a notice when it receives an application that, in the Commission's opinion, may directly and adversely affect the rights of one or more people. The notice is typically sent by mail to residents in the project area and may also be published in local newspapers. The notice will provide key dates, contacts and participation information for those interested in becoming involved in the process.

Step 4: Public filings to the AUC*

If you have unresolved objections or concerns about the proposed project filed with the AUC for approval and wish to participate in an AUC proceeding, you must make an initial written filing. Your filing must include your contact information, concern or interest in the application, an explanation of your position and what you feel the AUC should decide. Please be aware that any information or materials filed with the AUC, except information granted confidentiality, is available to the public.

Filing your concerns

The eFiling System is a web-based tool used to manage, search and upload documents reviewed by the Commission when considering applications filed with the AUC. Using the eFiling System is the most efficient way to provide your input to the AUC and monitor other filings and updates for the application of interest to you.

Those who do not have access to the Internet can send filings, evidence and other material by mail or fax and the AUC will upload the submission on your behalf.

Participant cost reimbursement

A person determined by the Commission to be a local intervener can apply for reimbursement of reasonable costs incurred while participating in an AUC proceeding. Details regarding recovery of participants' costs are described in AUC Rule 009: *Rules on Local Intervener Costs*.

Step 5: Consultation and negotiation*

The Commission supports ongoing efforts to reach a positive outcome for the applicant and all affected parties. The Commission encourages the applicant and those who have made filings to continue to attempt to resolve any outstanding issues. If all concerns can be satisfactorily resolved this may eliminate the need for a formal hearing. However, if there continues to be unresolved issues, typically those matters will be addressed at an AUC public hearing.



SHAPE THE CONVERSATION

Buffalo Creek Transmission Project REPLY FORM

10035-105 Street, Edmonton, Alberta, T5J 2V6

CONTACT INFORMATION	Date (DD/MM/YYYY):
First Name:	
Last Name:	Please help us identify new contacts
Company/Organization Name (if applicable):	You were contacted about this project because ATCO identified you or your company/organization as having a land interest in the vicinity of the project. Is there anyone else associated with your property,
Mailing Address:	such as other owners, renters or occupants, who we should also contact? If so, please provide the name(s), contact information and their land interest.
Home Phone:	
Cell Phone:	
Business Phone:	
Email:	
and/or the siting of power transmission facilities, and to comtransmission facilities applications. This information may be Electric System Operator. Your comments and personal infosubmitted to the AUC as part of a transmission facility application you wish to keep your information confidential, you mu	rmation on this form is being collected to identify concerns with proposed changes to apply with the Alberta Utilities Commission (AUC) rules regarding the submission of a provided to electric facility owners, Alberta's Surface Rights Board, and the Alberta formation may also be publicly accessible through the AUC website, should it be acation — subject to Alberta's Freedom of Information and Protection of Privacy Act. If the set make a request to the AUC (403-592-4376). If you have questions or concerns as part of this process, please contact us (see contact information below). The extraction on this form is being collected to identify the submission of the submission
I do not have concerns with the Project based o	n the information provided
I have concerns with the Project based on the ir	nformation provided
Please share any comments or concerns that you	have about the Project: