Attachment 6 – AESO Participant Involvement Program Summary

Windy Flats Amendment to Approval No. U2011-115

1.0 Participant Involvement Program (PIP)

From November 2010 to September 2012, the AESO conducted a Participant Involvement Program (PIP) to assist in preparing its Windy Flats Amendment to the Southern Alberta Transmission Reinforcement (SATR) Approval No. U2011-115 (SATR NID Approval)**.**

The AESO's amendment application seeks Alberta Utilities Commission (Commission) approval of certain amendments to the SATR NID Approval primarily to replace upgrades to the Peigan 59S substation with construction of a new 240/138 kV Windy Flats 138S substation.

The AESO directed transmission facility owner (TFO) AltaLink Management Ltd. (AltaLink) to assist the AESO in consulting on the need for this transmission development.

The AESO's PIP was designed to notify, provide information to, and as necessary, consult with stakeholders, including occupants, residents, and landowners within 800 metres of the proposed development, as well as with the government agencies, organizations, industry companies, Métis Nations and First Nations listed below:

Town of Claresholm
Town of Fort Macleod
Town of Granum
Town of High River
Town of Nanton
Town of Stavely
County of Vulcan
MD of Foothills
MD of Willow Creek No. 26
Alberta Municipal Affairs
Alberta Sustainable Resource Development
Alberta Culture and Community Spirit
Alberta Tourism, Parks and Recreation
Alberta Transportation & Infrastructure
Alberta Environment and Sustainable Resource Development
Transport Canada – Aerodromes & Air Aviation
Transport Canada – Navigable Waters
Nav Canada
Industry Canada
Fisheries and Oceans Canada
Kainai First Nation (Blood Tribe)
Piikani First Nation
Siksika First Nation
Stoney Nakoda First Nation (Chiiniki First Nation, Bearspaw First Nation, Wesley First Nation)
Tsuu T'ina First Nation
Métis Nation of Alberta
Métis Nation No. 3
AltaGas Ltd.
Apache Canada Ltd.
Argosy Energy Inc.
ATCO Gas and Pipelines Ltd. (South)
ATCO Pipelines
Blackpearl Resources Inc.
Bowood Energy Ltd. (Operator)

ConocoPhillips Canada Resources Corp. (Licensee)
Canadian Natural Resources Limited
Compton Petroleum Corporation
ConocoPhillips Canada Operations Ltd. (Operator)
Burlington Resources Canada (Hunter) LTD. (Licensee)
Crescent Point Energy Corp. (Operator/ Licensee)
Encana Corporation (Licensee)
Devon Canada Corporation
Direct Energy Marketing Limited (Operator)
Prospex Resources Ltd. (Licensee)
Exxon Mobil Canada Ltd. and Exxon Mobil Resources Ltd.
Hornet Energy Ltd.
MPP Ltd. c/o Compton Petroleum Corporation
Questerre Energy Corporation
Signalta Resources Limited
Speargrass Energy Inc.
FortisAlberta Inc.
South Alta REA
TELUS Telecommunication Inc.
Rogers Communications Inc.
Shaw Communications Inc.
TransAlta Wind
TransCanada Energy Corporation
CP Rail
Lethbridge Northern Irrigation District
Alberta Fish and Game Association
Alberta Wilderness Association
Duck's Unlimited
Farmer's Advocate
Federation of Alberta Naturalists
Nature Conservancy of Canada
Sierra Club of Canada
Trout Unlimited Canada
Canadian Parks and Wilderness Society

1.1 Description of Participant Involvement Program

The AESO used a variety of methods to notify and consult stakeholders on the need for the proposed Windy Flats Amendment. The AESO developed a two-page need overview document that provided background to the project and described the need for amending the SATR NID Approval. A copy of this document was posted to the AESO website at http://www.aeso.ca/transmission/24782.html on November 14, 2011. A copy of the need overview is included in Attachment 1.

The need overview was included with AltaLink's South Foothills Transmission Project Information Package mailed in October 2011.. Attachment 2 includes a copy of the TFO package. The need overview was also included in AltaLink's Windy Flats 138 kV Line Re-configuration Project Information Package mailed in October 2011. Attachment 3 includes a copy of the TFO package. Both packages were mailed to landowners, occupants, and residents within a minimum of 800 meters measured from the edge of the proposed right of way as well as the agencies, interested parties and First Nations noted above

The AESO advertised its intention to file the *Amendment to the Southern Alberta Transmission Reinforcement (SATR) and Southern Alberta Transmission Development (Windy Flats)* NID in the Fort Macleod Gazette and the Pincher Creek Echo newspapers

on November 23 and November 25, 2011, respectively. A copy of the final proof has been included in Attachment 4. Most recently, the AESO updated and advertised its intention to file the Windy Flats amendment in the Fort Macleod Gazette and the Pincher Creek Echo newspapers on August 29, 2012. A copy of the final proof has been included in Attachment 5.

As directed by the AESO, the TFO was prepared to direct any inquiries or concerns about the project need to the AESO.

To ensure that stakeholders have the opportunity to provide feedback, the AESO also provides stakeholders with a dedicated, toll-free telephone line (1-888-866-2959) and a dedicated email address (stakeholder.relations@aeso.ca). AESO contact information, along with the AESO's mailing address (2500, 330 5th Ave, SW, Calgary) and website address (www.aeso.ca), and a privacy statement that describes how the AESO honours Alberta's Personal Information Protection Act, were included on all AESO communications related to this application.

1.2 Issues and Concerns Raised

Stakeholders with questions and concerns relating directly to the need for the proposed SATR NID Approval amendments were either directed to contact the AESO themselves or with the stakeholder's consent, the AESO was permitted to contact them.

The AESO received questions from one stakeholder regarding the need for the amendments and requesting an explanation of the proposed Windy Flats 138S transmission line connections. The AESO met with the stakeholder on December 2, 2011 and responded to subsequent queries through April 10, 2012; the stakeholder has not requested any further information or clarification. The AESO also updated the stakeholder on August 24, 2012 to advise that this Application would be filed shortly.

1.3 List of Attachments

- Attachment 1 – AESO Need Overview
- Attachment 2 – TFO Information package - "*AltaLink Electric system developments near you - South Foothills Transmission Project*"" (October 2011)
- Attachment 3 – TFO Information Package – "AltaLink Electric system developments near you – Windy Flats 138 kV Line Re-configuration"
- Attachment 4– Notification of Filing Advertisement – November 2011 - Final Proof
- Attachment 5– Notification of Filing Advertisement – August 2012 - Final Proof

Attachment 1 – AESO Need Overview

Amendment to the Southern Alberta Transmission Reinforcement
Needs Identification Document Approval
Windy Flats 138S Substation
Transmission Development Information for Stakeholders

Why am I receiving this information?

The Alberta Electric System Operator (AESO) advises you of its intention to file an application with the Alberta Utilities Commission (AUC) to amend the Southern Alberta Transmission System Reinforcement Needs Identification Document (SATR NID) Approval No. U2011-115.

The amendment will seek approval from the AUC to replace the previously approved upgrades to the Peigan 59S substation with construction of a new 240/138 kV Windy Flats 138S substation. The AESO is providing this information as an update to landowners, occupants, residents and other stakeholders in the Fort MacLeod area that may be affected by the proposed transmission development. The AESO previously provided information to stakeholders regarding the amendment in November 2010.

Background

In December 2008, the AESO filed the SATR NID with the AUC to address the need for transmission system reinforcement in southern Alberta. The transmission system in this region is at capacity and reinforcement is primarily needed to integrate proposed wind power developments in the area. The AESO discussed this need with our stakeholders, including potentially affected landowners, throughout 2008. A public hearing was held to consider the NID application in June 2009.

The AUC approved the SATR NID in September 2009 in *Decision 2009-126* and further approved certain amendments in *Decision 2011-102* and Approval No. U2011-115 (SATR NID Approval).

Why is an amendment to the SATR NID Approval required?

The SATR NID Approval includes upgrades to the existing Peigan 59S substation that the AESO recommended to accommodate a planned 240 kV double circuit transmission line between Peigan 59S substation and south Calgary.

In the course of developing its engineering and design for this project, AltaLink advised the AESO that siting considerations and the timeline to accommodate the new 240 kV double circuit line can be better met by building a new 240/138 kV substation, to be called Windy Flats 138S, rather than expanding the existing Peigan 59S substation. The Peigan 59S substation will continue to provide transmission service in the area.

When will the AESO file its amendment?

The AESO intends to file its amendment to the SATR NID Approval in fall 2011. The amendment will be available at http://www.aeso.ca/transmission/16869.html at the time of the AESO's application to the

AUC. For more information on the need for transmission development in southern Alberta, please visit http://www.aeso.ca/transmission/16869.html.

Who is the AESO?

Alberta's transmission system, sometimes referred to as the Alberta Interconnected Electric System (AIES), is planned and operated by the AESO. The transmission system comprises the high-voltage lines, towers and equipment (generally 69 kV and above) that transmit electricity from generators to lower voltage systems that distribute electricity to cities, towns, rural areas and large industrial customers.

The AESO's role is to maintain safe, reliable and economic operation of the AIES. The AESO's planning responsibility includes determining the need for transmission system development and the manner in which that need is met. The AESO is also mandated to facilitate the interconnection of qualified market participants to the AIES. The AESO is regulated by the AUC and must apply to the AUC for approval of its needs identification document (NID).

How is AltaLink involved?

AltaLink is the transmission facilities owner (TFO) in the Fort Macleod area. While the AESO is responsible for identifying the need for transmission system development, AltaLink is responsible for detailed siting and routing, constructing, operating and maintaining the associated transmission facilities. The AESO has directed AltaLink to provide information to stakeholders on this need and to file a facility proposal application with the AUC which will include a detailed description and location of the proposed transmission development.

Further Information

The AESO appreciates your views on the need for transmission system development and your comments are encouraged. If you have any questions or suggestions regarding the need for the proposed transmission system development in the Fort Macleod area or the AESO's application regarding this need, please contact:

Mark Sears-Gamache
AESO Stakeholder Relations 1-888-866-2959
stakeholder.relations@aeso.ca
2500, 330 – 5th Avenue SW Calgary, Alberta T2P 0L4

The AESO is committed to protecting your personal privacy in accordance with Alberta's Personal Information Protection Act. Any personal information collected by the AESO with regard to this project may be used to provide you with further information about the project, may be disclosed to the Alberta Utilities Commission (and as a result, may become public), and may also be disclosed to AltaLink as the legal owner of transmission facilities in your area. If you have any questions about how the AESO will use and disclose your personal information, please contact us at 1-888-866-2959 or at stakeholder.relations@aeso.ca

Attachment 2 – TFO Mail Out - "*AltaLink Electric system developments near you – South Foothills Transmission Project*" (October 2011)

ALTALINK

October 2011
Volume 3

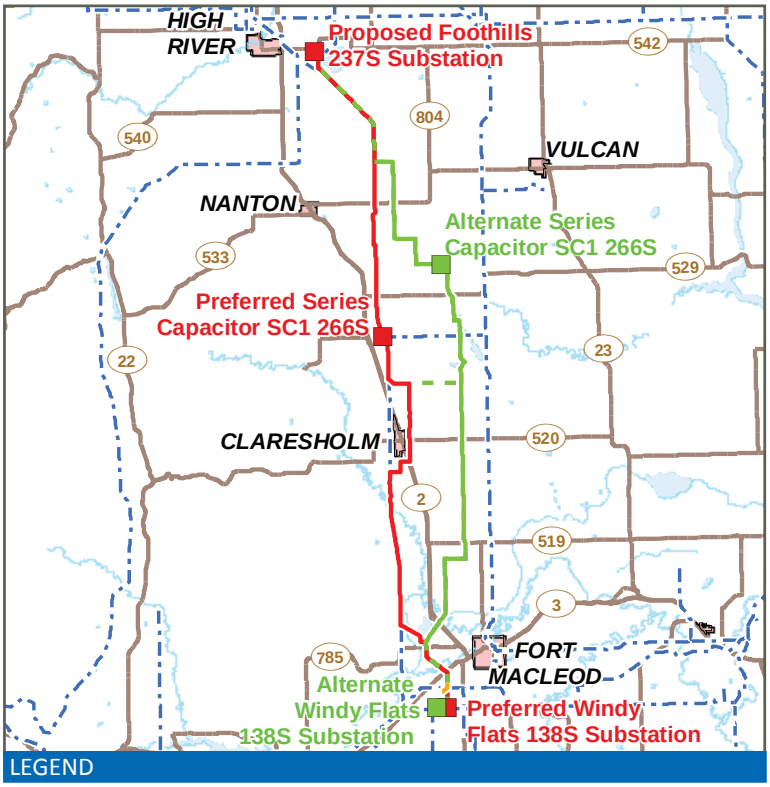
Electric system developments near you

South Foothills Transmission Project

DID YOU KNOW?

AltaLink began consulting for this project in the fall of 2009. Through public consultation, AltaLink has received valuable stakeholder input that has helped us identify and refine the preferred and alternate routes. AltaLink's consultation program included nine open houses, two information centres open for a total of ten days and more than 770 face-to-face meetings with stakeholders.

Thank you for participating in our consultation process – your input is important to us.



LEGEND

- Preferred Substation Location
- Alternate Substation Location
- Existing Transmission Line
- Preferred Transmission Route
- Alternate Transmission Route
- Preferred and Alternate Transmission Route
- Alternate Route Variant
- Windy Flats Substation Variant Route

On this map, the preferred route is identified in red and the alternate routes are identified in green. Only one route will be built if approved by the AUC.

We want to provide you with an update about the South Foothills Transmission Project.

We have made some adjustments to the preferred and alternate routes for the proposed new transmission line. We have also identified locations for the proposed Foothills and Windy Flats substations, and the preferred and alternate locations for the series capacitor. These routes and substation locations will be submitted to the Alberta Utilities Commission (AUC) in our Facilities Application in Fall 2011.

CONTACT US

1-877-767-4484

ftps@altalink.ca

www.albertaelectricityfuture.ca/satr

Project overview

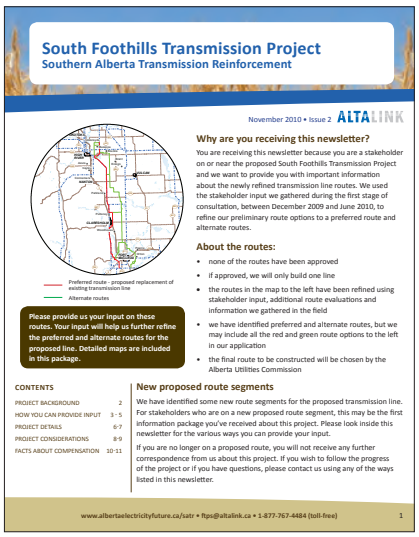
The proposed project includes:

- a new double circuit 240 kV (240,000 volts) steel lattice transmission line approximately 118 to 125 kilometres in length from south of Fort Macleod to east of High River
- a new substation in the area southwest of Fort Macleod, to be called Windy Flats
- a new substation at the north end of the new transmission line, in the area east of High River, to be called Foothills
- a new series capacitor station (similar in appearance to a substation) to be located approximately in the middle of the transmission line

Adjustments to preferred and alternate routes

Stakeholder input received during the open houses and in one-on-one meetings held during the winter of 2010/2011 has helped us further refine the preferred and alternate routes. Some examples of routing revisions we have made include:

- **Structure locations** – Based on discussions with individual landowners, we have moved the proposed location of transmission structures on some landowners' property.
- **Mud Lake area** – The preferred route paralleled an existing irrigation canal in the Mud Lake area. Concerns were raised regarding proximity and visual impacts to residents, agricultural impacts and future land use considerations. Working closely with stakeholders, the preferred route was realigned to minimize these impacts.
- **Transmission line alignment** – Based on stakeholder input, five kilometres of the preferred route (from segments A35 to A30), as illustrated on the detail base and detail photo maps, has been moved to run along quarter lines instead of paralleling the existing 911L transmission line.



South Foothills Transmission Project
Southern Alberta Transmission Reinforcement

November 2010 • Issue 2 ALTALINK

Why are you receiving this newsletter?

You are receiving this newsletter because you are a stakeholder on or near the proposed South Foothills Transmission Project and we want to provide you with important information about the newly refined transmission line routes. We used the stakeholder input we gathered during the first stage of consultation, between December 2009 and June 2010, to refine our preliminary route options to a preferred route and alternate routes.

About the routes:

- none of the routes have been approved
- if approved, we will only build one line
- the routes in the map to the left have been refined using stakeholder input, additional route evaluations and information we gathered in the field
- we have identified preferred and alternate routes, but we may include all the red and green route options to the left in our application
- the final route to be constructed will be chosen by the Alberta Utilities Commission

Preferred route - proposed replacement of existing transmission line
Alternate routes

Please provide us your input on these routes. Your input will help us further refine the preferred and alternate routes for the proposed line. Detailed maps are included in this package.

CONTENTS

New proposed route segments

We have identified some new route segments for the proposed transmission line. For stakeholders who are on a new proposed route segment, this may be the first information package you've received about this project. Please look inside this newsletter for the various ways you can provide your input.

If you are no longer on a proposed route, you will not receive any further correspondence from us about this project. If you wish to follow the progress of the project or if you have questions, please contact us using any of the ways listed in this newsletter.

www.albertaelectricityfuture.ca/satr • ftps@altalink.ca • 1-877-767-4484 (toll-free) 1

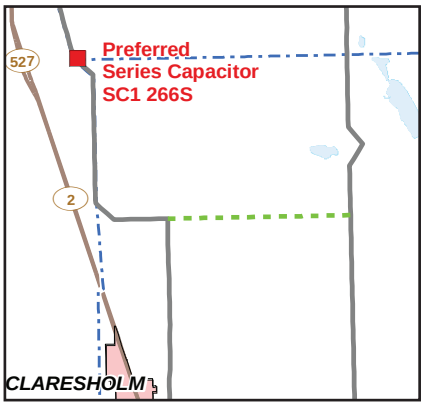
More detailed project information was provided in previous newsletters (an example of the Issue 2 SFTP project newsletter shown in the image above), including structure type, compensation and project cost. This information can be found on our website www.albertaelectricityfuture.ca/satr, or you can contact us and we will resend these packages to you.

VARIANT ROUTE OPTION

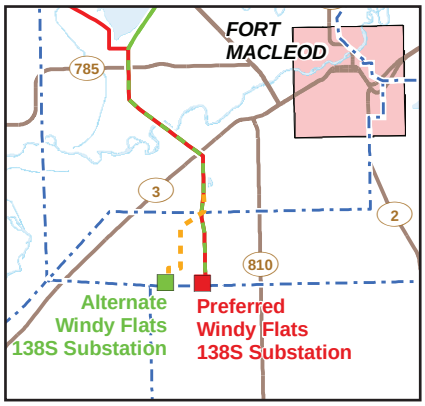
We have identified two variant route options:

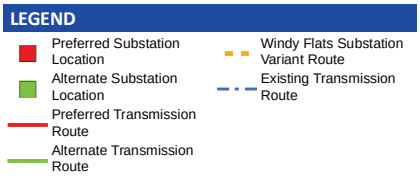
- a variant route northeast of Claresholm has been included as an option to connect the preferred and alternate routes (see location map 1)
- a variant route southwest of Fort Macleod provides a route option to an alternate location for the proposed Windy Flats Substation (see location map 2)

Location Map 1



Location Map 2

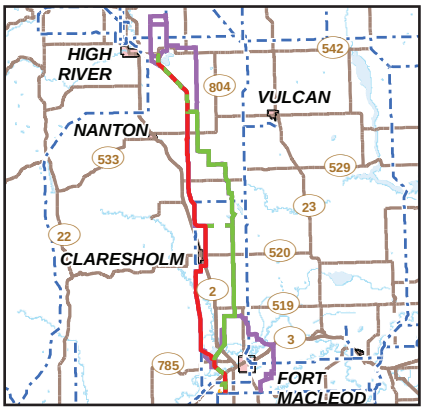


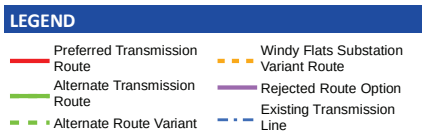


ROUTES NO LONGER UNDER CONSIDERATION

Two segments of the alternate routes are no longer under consideration. These segments have been removed because of:

- refinement to the proposed Substation locations
- higher agricultural impacts
- longer line length and increased cost





DEFINITION

Variant route option

Variant routes provide additional options that can be used in conjunction with the Preferred and Alternate routes to be submitted in our application to the Alberta Utilities Commission for consideration.

NOTE

In response to stakeholder input, we have removed from consideration some proposed routes and substation locations since our last newsletter to you in November 2010. Please refer to the detail base and detail photo maps included with this package for the most up-to-date proposed routes.

If you are no longer on a proposed route on this project, you will not receive any further correspondence from us about this project.

Southern Alberta and the Foothills area have other transmission development proposed. If you are located near a separate proposed project we will continue to provide you with project details and information about how you can provide input.

DEFINITION

Substation

Substations are used to change voltages in the power system. Substations house the equipment used to control and protect the flow of power in the electrical system. When power passes through a substation, its voltage is changed to suitable voltages either for connection to other transmission lines, or transmitted to communities through the distribution system.

South substation - Windy Flats Substation

The Windy Flats Substation will be approximately 135 metres by 195 metres (442 by 639 feet).

The preferred Windy Flats Substation is located at SW-17-8-26-W4M, this location is preferred because it has:

- a shorter length of new transmission line required
- the lowest overall cost
- good potential for connection to new and existing wind generation developments

The alternate Windy Flats Substation is located at SW-18-8-26-W4M, this location is the alternate because it has:

- a greater length of new transmission line required
- a higher overall cost
- good potential for connection to new and existing wind generation developments

North substation – Foothills Substation

The Foothills Substation will be approximately 135 metres by 220 metres (442 by 721 feet).

The proposed Foothills Substation is located at NW-35-18-28-W4M, this location was selected based on the following:

- the nearest residence is more than 500 metres away
- easily accessible from a primary highway
- requires less new transmission infrastructure to connect with future generation
- provides the lowest impact route options for a future 138 kV transmission line to the High River/Okotoks area

Photo of a substation similar to the proposed Foothills Substation

DID YOU KNOW?

Modern technologies, like digital recording devices, are a large drain on the power system. Some home entertainment configurations use more power than a new refrigerator. The average home has more and more gadgets continuously drawing power from the grid, and transmission lines bring power from where it's created to where it's needed so you can power your quality of life.

Series Capacitor

For technical reasons, the series capacitor should be located approximately mid way along the route. The series capacitor will be approximately 100 metres by 140 metres (328 by 459 feet).

Proposed location – preferred route

The proposed location on the preferred route is located at SW-15-14-27-W4M, next to the Stavely Substation.

Proposed location – alternate route

The proposed location on the alternate route is located at NE-15-15-26-W4M.

DEFINITION

Series Capacitor

Similar in appearance to a substation, a series capacitor site is used to control the flow of electricity on a transmission line. A series capacitor is installed along a transmission line and is used to direct more power through that transmission line.

DEFINITION

Alberta Utilities Commission

The Alberta Utilities Commission (AUC) ensures the fair and responsible delivery of Alberta's utility services. AltaLink submits applications for new transmission projects to the AUC and the AUC reviews them in a public process.

DEFINITION

Facilities Application

AltaLink submits Facilities Applications to the AUC for review. A Facilities Application describes how AltaLink proposes to meet the requirement for a transmission project. It includes routing details, results of the participant involvement program and technical details. Facilities Applications must be approved by the AUC before construction can begin.

Next steps

AltaLink will submit the refined preferred and alternate routes to the Alberta Utilities Commission (AUC) in our Facilities Application. The AUC is a quasi-judicial agency that ensures the fair and responsible delivery of our utility services. The AUC may approve one route, approve one route with conditions, or deny a Facilities Application.

The AUC ensures interested parties are given an opportunity to participate in the process. When the AUC deems an application is complete, a Notice of Application is issued to parties that may be directly and adversely affected by the proposed project and a notice is also typically published in local newspapers. This notice advises the public a Facilities Application has been received, how copies of the application may be obtained, how to access any additional material filed by parties supporting or opposing the application and how to participate in the AUC process.

Enclosed is a copy of the AUC brochure: *Public Involvement in Needs or Facilities Applications*, which describes how you can be involved in the AUC process. Or for more information please visit the AUC website at www.auc.ab.ca.

Updated project schedule

Fall 2011	Notify landowners of preferred and alternate routes to be included in the Facility Application
Fall 2011	File Facilities Application with the Alberta Utilities Commission (AUC) for regulatory review
Fall 2012	Start construction if project is approved
Fall 2014	In-service date

NOTE

The Alberta Electric System Operator (AESO) has made some amendments to the Southern Alberta Transmission Reinforcement Needs Identification Document (SATR NID).

The AESO has provided a SATR NID Amendment Overview in this package for a more detailed explanation on these amendments.

If you have any questions regarding the AESO NID Amendment Overview, please contact the AESO at 1-888-866-2959.

AltaLink in your community

CONSTRUCTION PRACTICES

If this project is approved, we will continue to communicate with stakeholders during the construction phase to provide the most up-to-date information, and to mitigate any potential impacts that may arise.

SAFETY COMMITMENT

AltaLink is committed to the safe design, construction, maintenance and operation of power system facilities. AltaLink's safety standards and practices are developed to meet or exceed government guidelines and codes to ensure that our facilities meet the requirements for public, employee and neighbouring facility safety.

Construction activities

The typical stages of transmission line construction include:

- right-of-way, structure workspace and access preparation
- materials delivery and storage
- tree removal and management of vegetation as required
- building of structure foundations
- structure assembly and installation
- stringing wire (conductor)
- completing inspections and energizing the transmission line
- cleaning and restoring structure locations and the right-of-way

WEED CONTROL

During construction, weed control measures will be implemented to reduce the risk of spreading weeds. Post construction, a portion of the Annual Structure Payment compensates landowners for ongoing weed control measures. This allows the landowner to choose their preferred method of weed control.

TRAFFIC

During construction, there may be a slight disruption to traffic. Landowners will be notified in advance of any disruption.

NOISE

Noise may be produced during the construction phase. After construction is complete, the transmission line may produce a low level noise that might be more noticeable during wet conditions. Our transmission lines are designed to comply with all applicable noise guidelines.

DID YOU KNOW?

The average elementary school in our province uses 21,250 kilowatt hours (kWh) of electricity a month. That's more than a city block of 20 houses uses in a month. Technology has advanced in schools across Alberta. Interactive whiteboards, computer labs and lap tops all require power to run. Transmission lines bring the power from where it's generated to where it's needed.

Projects in your area

AltaLink is working on several projects in southern Alberta and the Calgary area to make sure your lights come on at the flick of a switch and to connect you to renewable sources of electricity.

Project	Description	Status
North Foothills Transmission Project	This project includes: • building a new 240 kV (240,000 volt) transmission line from the proposed Foothills Substation to the proposed Enmax SS65 Substation in southeast Calgary	Currently completing public consultation. We anticipate filing the Facilities Application with the Alberta Utilities Commission (AUC) in early 2012.
High River and Okotoks Transmission Project	This project includes: • upgrading and reinforcing the 138 kV (138,000 volts) transmission lines in the Okotoks and High River area to improve the efficiency of the area's transmission system	Public consultation will begin in Fall 2011. We anticipate filing the Facilities Application with the AUC in early 2012.
Windy Flats 138 kV Line Re-configuration	This project includes: • removing and rebuilding a short segment of existing 138 kV transmission lines to improve the efficiency of the area's transmission system	Public consultation will begin in Fall 2011. We anticipate filing the Facilities Application with the AUC in late 2011.

DID YOU KNOW?

The amount of energy used to power home electronics in residences across Canada more than doubled between 1990 and 2007. The majority of Canadian homes have more than one television and more than a quarter of households used at least three sets in 2007. TVs, DVD players and other electronic devices are drawing more and more power from the grid on a continual basis.

NOTE

With the exception of the $10,000 early access payment and a $50 signing fee, all other one-time payments are subject to the AUC's approval of this project.

Facts about compensation

EASEMENT ACQUISITION

- $10,000 per quarter: early access payment to perform environmental surveying and geotechnical work (for the preferred route)
- $250 to $5,000 per title: entry fee payment (as per the Surface Rights Act)
- $1,500 minimum: general disturbance payment
- $2,500 (titled unit) land damages payment: ($2,500 pre-construction; post-construction paid if applicable)

AltaLink will pay fair market value per acre for the total area of the easement that crosses a landowner's property, while the landowner retains ownership of the land. We determine market value by studying sales, industry comparables (oil and gas) or appraisals of similar/comparable types of land within the area.

If AltaLink and the landowner are unable to reach agreement, then the Surface Rights Board would be asked to determine compensation. Further information on the scope of the Surface Rights Board's authority and procedures are available on the Board's website at www.surfacerights.gov.ab.ca.

ANNUAL STRUCTURE PAYMENTS (ASP)

Currently our 2011 rates for this project are:

- $1,178 per structure per year on cultivated land
- $471 per structure per year on uncultivated land

Factors we take into considerations when determining ASPs include:

- the loss of use of the area enclosed by the structure once operational
- the inconvenience and additional costs associated with weed control
- additional time required to operate equipment around transmission structures
- additional seed required
- overlap of pesticide/herbicide and fertilizer used when farming around the structure
- effects on cultivation

DID YOU KNOW?

Landowners host transmission lines on their property on behalf of all Albertans and we believe they deserve to be compensated fairly. We have increased our compensation substantially in recognition of this.

INCLUDED IN THIS INFORMATION PACKAGE:

- **AUC brochure: *Public Involvement in Needs or Facilities Applications***
- **Updated project maps**
- **AESO NID Amendment Overview**

More information

To learn more about the proposed project you can contact:

ALTALINK

1-877-767-4484 (toll-free)
Email: ftps@altalink.ca
www.albertaelectricityfuture.ca/satr

To learn more about the need for this project you can contact:

ALBERTA ELECTRIC SYSTEM OPERATOR (AESO)

1-888-866-2959
Email: stakeholder.relations@aeso.ca

To learn more about the regulatory process you can contact:

ALBERTA UTILITIES COMMISSION (AUC)

780-427-4903
(You can call toll-free by dialing 310-0000 before the number)
Email: utilitiesconcerns@auc.ab.ca

ALTALINK

2611 - 3rd Avenue SE
Calgary, Alberta T2A 7W7

Attachment 3 – TFO Mail Out - "*AltaLink Electric system developments near you – Windy Flats 138 kV Line Re-configuration*" (October 2011)

ALTALINK

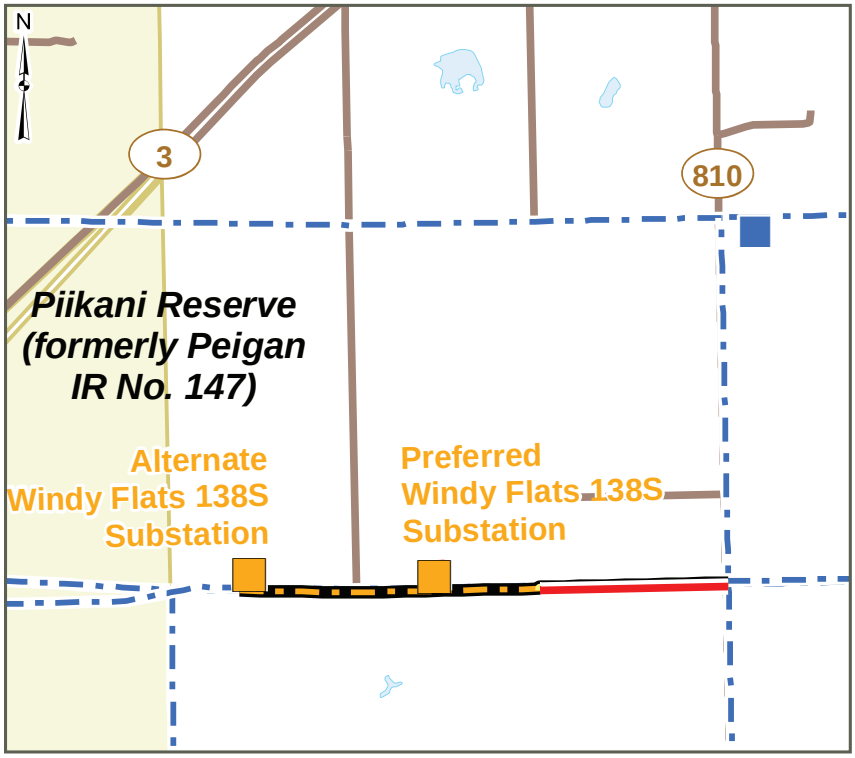
October 2011
Volume 1

Electric system developments near you

Windy Flats 138 kV Line Re-configuration

DID YOU KNOW?

The average four-person family in Alberta today has 20 'instant-on' electronics such as laptops, DVD players, music device chargers and cell phone chargers. This is in addition to the other appliances necessary to run a home – fridges, stoves, microwaves, washers and dryers – all of which require a reliable supply of electricity.



LEGEND

- Potential Substation Upgrade
- Existing Substation
- Potential Transmission Line
- Potential Rebuild of Existing Transmission Line
- Salvage of Existing Transmission Line
- Existing Transmission Line
- Road
- First Nations Reserve
- Water Body

You are receiving this newsletter because you are near the Windy Flats 138 kV Line Re-configuration and we want your input.

More information about the proposed transmission line re-configuration is included in this information package. We want to provide you with:

- project details
- maps of the proposed development
- project schedule
- information about how you can provide your input

CONTACT US

1-877-450-4484 (toll-free)

ftps@altalink.ca

Visit us online at www.albertaelectricityfuture.ca/satr

DEFINITION

Transmission

Transmission lines make up Alberta's electric highway, linking the places where power is generated to where power is used. Transmission lines transport large amounts of power over long distances across the province. The transmission system connects diverse sources of power generation including wind, high-efficiency coal, natural gas and more.

Project details

The proposed transmission line re-configuration includes upgrades and changes to improve the 138 kV (138,000 volts) transmission system in your area.

The proposed transmission developments include:

TRANSMISSION LINE REBUILDS

- Rebuilding one to three kilometres (approximately 0.6 to two miles) of existing 603AL transmission line along the north side of the road allowance, between the proposed Windy Flats Substation and the undeveloped road allowance between SE-17-8-26-W4M and SW-16-8-26-W4M. After the rebuild, the proposed structures will look similar to the current existing structures.

  Two potential locations for the proposed Windy Flats Substation have been identified; the length of the rebuild will depend on the final substation location.

Before
Photo of existing 603AL transmission structure

After
Photo of mono-pole structure similar to structures being proposed

- Rebuilding approximately 1.6 kilometres (approximately one mile) of existing 725BL transmission line from single to double circuit, from the un-developed road allowance between SE-17-8-26-W4M and SW-16-8-26-W4M to Highway 810. The new double circuit line will be built along the south side of the road allowance and the existing single circuit transmission line on the north side of the road allowance will be removed. The new line will be called 608L.

Before
Photo of existing 725BL transmission structure

After
Photo of 138 kV double circuit mono-pole structure similar to structures being proposed

NEW TRANSMISSION LINE

- building approximately 450 metres (1,476 feet) of new single circuit 138 kV transmission line to connect the new 608L transmission line to the north side of the proposed Windy Flats Substation
- building approximately 100 metres (328 feet) of new single circuit 138 kV transmission line to connect the existing 603AL transmission line to the south side of the proposed Windy Flats Substation

AltaLink's proposed transmission structures will be:

- single or double circuit mono-pole structures
- approximately 18 to 24 metres tall for single circuit structures (59 to 79 feet)
- approximately 23 to 30 metres tall for double circuit structures (75 to 100 feet)
- approximately four to six metres wide (13 to 20 feet)
- spaced approximately 100 to 140 metres apart (328 to 456 feet)

SUBSTATION UPGRADE

The proposed Windy Flats Substation will require additional new 138 kV equipment to accommodate the proposed electric system reinforcement in this project. Please note the Windy Flats Substation is proposed to be built as part of the South Foothills Transmission Project.

DID YOU KNOW?

Modern technologies, like digital recording devices, are a large drain on the power system. Some home entertainment configurations use more power than a new refrigerator. The average home has more and more gadgets continuously drawing power from the grid, and transmission lines bring power from where it's created to where it's needed so you can power your quality of life.

DEFINITION

Alberta Utilities Commission

The Alberta Utilities Commission (AUC) ensures the fair and responsible delivery of Alberta's utility services. AltaLink submits applications for new transmission projects to the AUC and the AUC reviews them in a public process.

Providing your input

Stakeholder input is critical to identifying the best solution for this transmission line re-configuration. You can provide your input in any of the following ways.

PARTICIPATING IN A ONE-ON-ONE CONSULTATION

We will contact all occupants, residents and landowners who are on or directly adjacent to the proposed transmission line upgrades to gather input through one-on-one consultations.

During the one-on-one process we will document the information you provide and address any questions or concerns you may have about the project.

AltaLink is committed to sharing information about its projects and working with the public to ensure stakeholder input and concerns are heard and addressed. A summary of stakeholder comments will be incorporated into the application we submit to the Alberta Utilities Commission (AUC).

CONTACTING US DIRECTLY

You can contact us by phone, email, mail or through our website. Our contact information is on both the front and back page of this newsletter.

Anticipated project schedule

Although we attempt to follow the anticipated project schedule, it is subject to change. We will continue to provide you with updated schedule information as the project progresses.

Fall 2011	Notify and consult with stakeholders on potential route options
Late 2011	File application with Alberta Utilities Commission (AUC)

WHO IS ALTALINK?

AltaLink's transmission system efficiently delivers electricity to 85 per cent of Albertans. Dedicated to meeting the growing need for electricity, AltaLink connects Albertans to renewable, reliable and low-cost power. With a commitment to community and environment, AltaLink is ensuring the transmission system will support Albertans' quality of life for years to come. Learn more at *www.altalink.ca*.

Next steps

After AltaLink's consultation process is complete we will file a Facilities Application with the AUC. The AUC will review the Facilities Application through a process in which stakeholders can participate.

We will notify stakeholders when we file the application and again once the AUC has reached a decision about the project. To learn more about the AUC process and how you can become involved, please refer to the brochure included in this package titled *Public Involvement in Needs or Facilities Applications*.

Other projects in your area

AltaLink is working on another project in the area to make sure your lights come on at the flick of the switch.

Project	Description	Status
South Foothills Transmission Project	A new 240 kV (240,000 volts) transmission line to be built from the proposed Windy Flats Substation to east of High River.	Currently completing public consultation on the preferred and alternate routes. We anticipate filing the Facilities Application with the AUC in Fall 2011.

DEFINITION

Facilities Application

AltaLink submits Facilities Applications to the AUC for review. A Facilities Application describes how AltaLink proposes to meet the requirement for a transmission project. It includes routing details, results of the participant involvement program and technical details. Facilities Applications must be approved by the AUC before construction can begin.

DEFINITION

Alberta Electric System Operator

The Alberta Electric System Operator (AESO) is the independent, not-for-profit organization responsible for the safe, reliable and economic planning and operation of the Alberta electric system.

NOTE

The Alberta Electric System Operator (AESO) has made some amendments to the Southern Alberta Transmission Reinforcement Needs Identification Document (SATR NID).

The AESO has provided a SATR NID Amendment Overview to be included in this package for a more detailed explanation about the amendments.

If you have any questions regarding the AESO NID Amendment Overview, please contact the AESO at 1-888-866-2959.

DID YOU KNOW?

The amount of energy used to power home electronics in residences across Canada more than doubled between 1990 and 2007. The majority of Canadian homes have more than one television and more than a quarter of households used at least three sets in 2007. TVs, DVD players and other electronic devices are drawing more and more power from the grid on a continual basis.

What to expect during construction

If this project is approved, AltaLink will be committed to the protection and restoration of the project area throughout the construction process.
We have set strict standards by which we operate, including restricting work hours to reduce the impacts to local residents and businesses, ensuring safe construction practices and following environmental protection measures.

Depending on where you are in relation to the project, you may see or hear:

- noise and construction crews
- transmission structure construction
- wire stringing on the transmission structures

Obtaining access and carrying out activities on private property will be done in consultation with the landowner. Any noise associated with the construction or operation of the new facilities will comply with the AUC's Noise Control Rule 12 and other relevant provincial and municipal noise regulations and standards.

Additional work spaces and access trails

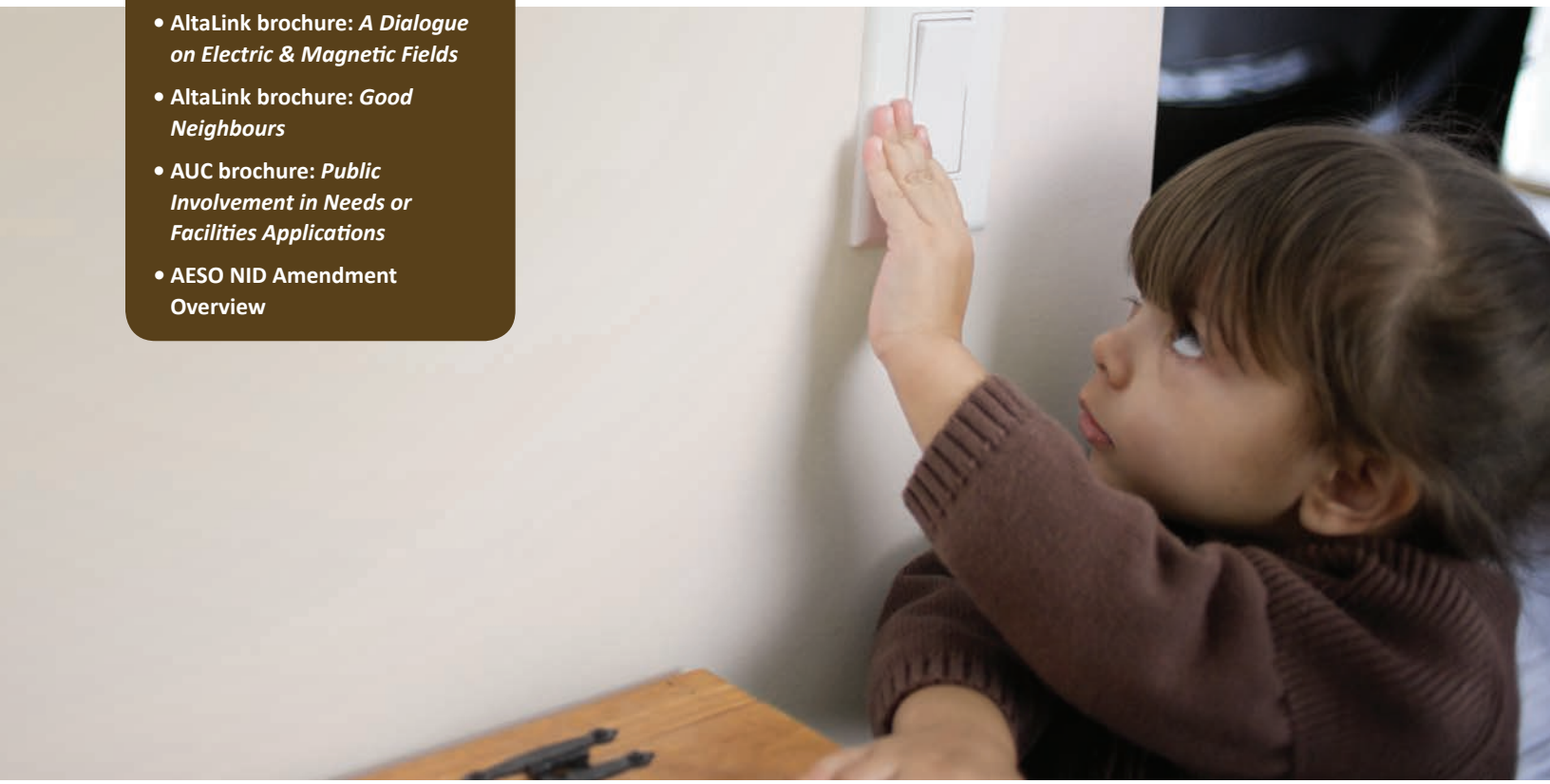
The majority of the work in this project will be completed along the existing right-of-ways; but additional workspace and access trails are required for the safe construction of the transmission line. These additional work spaces are needed to build the line more efficiently.

Access trails are sometimes needed to provide more efficient access to the transmission line during the construction period. These trails are usually temporary and are located on private properties.

If the project is approved, we will require additional work spaces and access trails only on the approved route. AltaLink will work with landowners in identifying the access trail(s) we may propose on your property, and we will restore the access trail area to its original condition.

INCLUDED IN THIS INFORMATION PACKAGE:

- **Project maps**
- **AltaLink brochure: *A Dialogue on Electric & Magnetic Fields***
- **AltaLink brochure: *Good Neighbours***
- **AUC brochure: *Public Involvement in Needs or Facilities Applications***
- **AESO NID Amendment Overview**



More information

To learn more about the proposed project please contact:

ALTALINK

1-877-450-4484 (toll free)
Email: ftps@altalink.ca

To learn more about Alberta's electricity system and the need for the project, please contact:

ALBERTA ELECTRIC SYSTEM OPERATOR (AESO)

1-888-866-2959
Email: stakeholder.relations@aeso.ca

To learn more about the application and review process, please contact:

ALBERTA UTILITIES COMMISSION (AUC)

780-427-4903
(You can call toll-free by dialing 310-0000 before the number)
Email: utilitiesconcerns@auc.ab.ca

ALTALINK

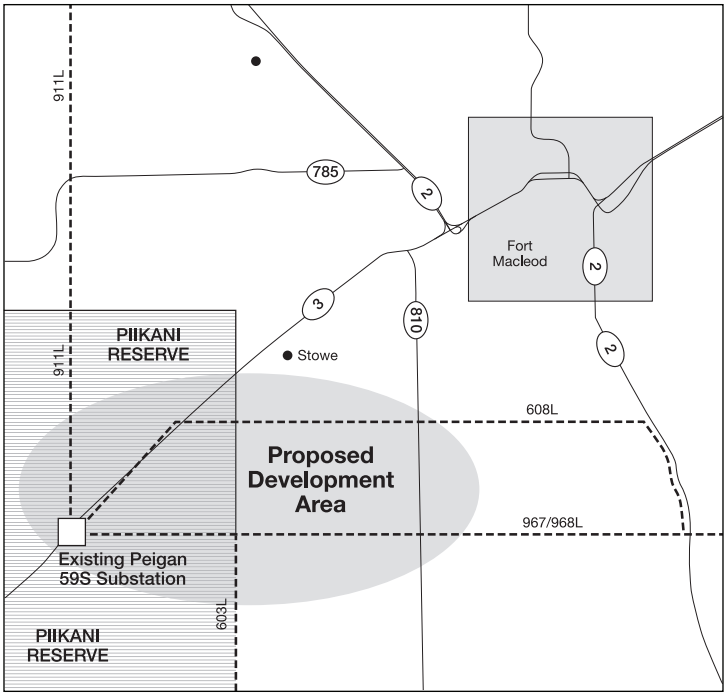
2611 - 3rd Avenue SE
Calgary, Alberta T2A 7W7

Attachment 4 – Notification of Filing Advertisement – November 2011 – Final Proof

Notification of AESO Regulatory Filing of an Amendment to the Southern Alberta Transmission Reinforcement Needs Identification Document Approval

The Alberta Electric System Operator (AESO) advises you of its intention to file an application with the Alberta Utilities Commission (AUC) to amend the Southern Alberta Transmission Reinforcement Needs Identification Document (SATR NID) Approval No. U2011-115, on or after December 2, 2011.

The amendment will seek approval from the AUC to replace the previously approved upgrades to the Peigan 59S substation with the construction of a new 240/138 kV Windy Flats 138S substation connected to the transmission via new 138 kV and 240 kV transmission lines.



The approximate area of the proposed Windy Flats 138S substation and associated transmission development is identified in the map above.

The AESO provided notification of the proposed Windy Flats 138S substation amendment to stakeholders, including residents, occupants and landowners near the proposed development, from October to November 2011. The AESO has considered feedback gathered from stakeholders, and technical and cost considerations, and will apply to the AUC for approval of this amendment. Once filed, the amendment will be posted on the AESO website at http://www.aeso.ca/transmission/16869.html

In a separate application, AltaLink Management Ltd, the transmission facility owner in the area, will apply to the AUC for approval to construct and operate the specific facilities associated with this filing.

Please visit our website, www.aeso.ca for more information, or contact the AESO at 1-888-866-2959 or stakeholder.relations@aeso.ca

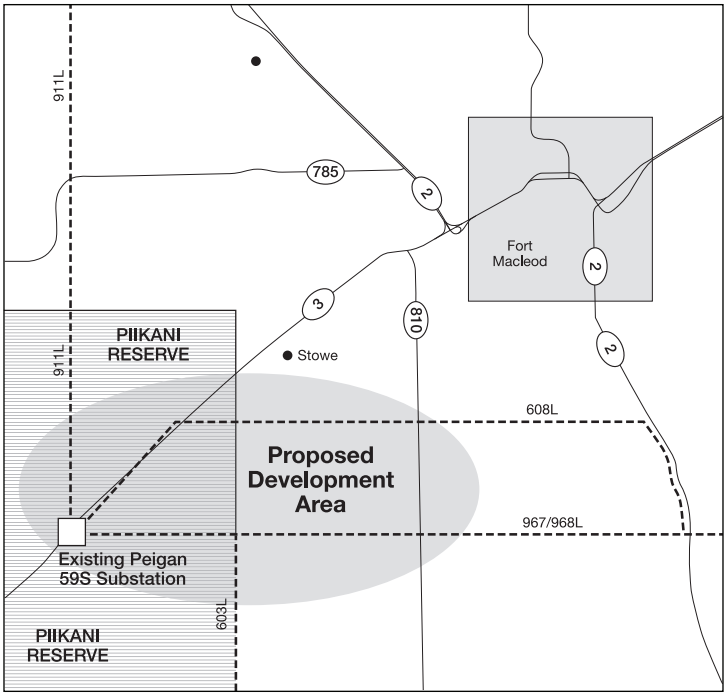
aeso
ALBERTA
ELECTRIC
SYSTEM
OPERATOR

Attachment 5 – Notification of Filing Advertisement – August 2012 – Final Proof

Notification of AESO Regulatory Filing of an Amendment to the Southern Alberta Transmission Reinforcement Needs Identification Document Approval

The Alberta Electric System Operator (AESO) advises you of its intention to file an application with the Alberta Utilities Commission (AUC) to amend the Southern Alberta Transmission Reinforcement Needs Identification Document (SATR NID) Approval No. U2011-115, on or after September 12, 2012.

The amendment will seek approval from the AUC to replace the previously approved upgrades to the Peigan 59S substation with the construction of a new 240/138 kV Windy Flats 138S substation connected to the transmission system via new 138 kV and 240 kV transmission lines.



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In a separate application, AltaLink Management Ltd, the transmission facility owner in the area, will apply to the AUC for approval to construct and operate the specific facilities associated with this filing.

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