

Need for Amelia 108S Substation connection in the Fort Saskatchewan area

For more information please contact the AESO at 1-888-866-2959, www.aeso.ca or stakeholder.relations@aeso.ca



Why is transmission system development needed in the Fort Saskatchewan area?

FortisAlberta Inc. has requested an increase in transmission capacity to serve increasing demand in the Fort Saskatchewan area. In response to this request, the Alberta Electric System Operator (AESO) has determined that the need for additional capacity can be reliably met by modifying and energizing the existing Amelia 108S substation which is currently idle. Modifications include the addition of a second transformer and associated switchgear, as well as changing approximately one kilometre of single circuit transmission line to double circuit line. The existing Amelia 108S substation fence may be extended to accommodate the proposed development.

The AESO is processing the request, including providing information to stakeholders on the need for the proposed development, and intends to apply to the Alberta Utilities Commission (AUC) for approval of this need in spring 2012. At the same time that the AESO files its needs identification document for this development with the AUC, it will also be posted on the AESO's website at the link provided below.

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 69kV 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 documents (NID). The NID process is described on the AESO's website at: <http://www.aeso.ca/transmission/8969.html>.

How is AltaLink Management Ltd. (AltaLink) involved?

AltaLink is the transmission facility owner (TFO) in the Fort Saskatchewan area. While the AESO is responsible for determining the need for transmission system development, AltaLink, when directed by the AESO, is responsible for filing an application with the AUC for transmission facilities that will satisfy the need for transmission system development determined by the AESO.

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

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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 the AltaLink Management Ltd. 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