

Need for the Grist Lake 190S Substation in the Christina Lake Area



FAST FACT

Alberta's electric transmission system comprises the towers, wires and related equipment that are a part of moving electricity from where it is generated to where it is used.

The Alberta Electric System Operator (AESO) advises you of its intent to file an application with the Alberta Utilities Commission (AUC) to amend the Grist Lake 190S Substation Needs Identification Document Approval No. U2014-166 (Grist Lake NID Approval).

> BACKGROUND

- The Grist Lake NID Approval includes the new Grist Lake 190S substation with three 138/25 kV transformers and two new 138 kV transmission lines connecting the Grist Lake 190S substation to the transmission system. These transmission facilities were proposed for 2016 in response to a transmission system access request from FortisAlberta Inc.
- FortisAlberta Inc. has requested to delay development of the Grist Lake 190S substation and two 138 kV transmission lines until 2019. The number of transformers at the substation will also change from three to two 138/25 kV transformers.

> NEXT STEPS

- The AESO intends to apply to the Alberta Utilities Commission (AUC) for approval of this amendment in late-2016.
- The AESO's amendment to the Grist Lake NID Approval will be available on the AESO's website at www.aeso.ca/nid at the time of its application to the AUC.

The following organizations have key roles and responsibilities in providing access to the transmission system:

> THE AESO:

- Must plan the transmission system and enable access to it for generators and other qualified customers
- Is regulated by the AUC and must apply to the AUC for approval of its NID

> ALTALINK MANAGEMENT LTD.:


- Is the transmission facility owner in the Christina Lake Area.
- Is responsible for detailed siting and routing, constructing, operating and maintaining the associated transmission facilities
- Is regulated by the AUC and must apply to the AUC for approval of its transmission facilities applications

> CONTACT US

We appreciate your views, both on the need for transmission system development and proposed transmission plans. If you have any questions or comments, please contact us directly.

Alberta Electric System Operator
Jennifer Vollmer
AESO Stakeholder Relations
stakeholder.relations@aesoc.ca
1-888-866-2959

2500, 330-5th Avenue SW
Calgary, AB T2P 0L4
Phone: 403-539-2450
Fax: 403-539-2949

www.aeso.ca
www.poweringalberta.ca
 @theaesoc

> WHO IS THE AESO?

The Alberta Electric System Operator (AESO) is a not-for-profit organization with no financial interest or investment of any kind in the power industry. We plan and operate Alberta's electricity grid and wholesale electricity market safely, reliably and in the public interest of all Albertans.

The AESO is committed to protecting your privacy. Your feedback, comments and/or contact information collected by the AESO will be used to respond to your inquiries and/or to provide you with further information about the project. The AESO will not use your personal information for any other purpose and will not disclose your information without consent or a legal obligation. If you choose to communicate by email, please note, email is not a secure form of communication. Security of your communication while in transit cannot be guaranteed.