



Potential transmission reinforcement in the Pincher Creek area

For more information please contact the AESO at 1.888.866.2959, www.aeso.ca or stakeholder.relations@aeso.ca

Who is the AESO?

The Alberta Interconnected Electric System (AIES), our province's electricity transmission system or "grid," is planned and operated by the Alberta Electric System Operator (AESO). This network of higher-voltage transmission lines, towers and equipment carries ("transmits") electricity from generators to large industrial customers as well as lower-voltage systems that distribute it to cities, towns and rural areas. Our job is to maintain safe, reliable and economic operations on the provincial transmission grid.

Why Transmission system reinforcement is needed for the Pincher Creek area?

There is a significant number of wind power generating facilities requesting connection to the transmission system. The AESO has verified the need to reinforce the transmission system in the Pincher Creek area in order to supply this service.

What kind of electric transmission reinforcement is needed?

The AESO has identified the need for a new 240/138kV substation, two 240 kV transmission lines and two 138 kV transmission lines to reinforce the transmission system in the Pincher Creek region. The new 240 kV lines (approximately 15 km) will be terminated at the future Goose Lake 103S and at the new Fidler 312S substation. The Goose Lake substation will be in-service mid-2010, but will be expanded to include five additional 240 kV breakers as part of this development. The new Fidler substation will have one 240/138 kV - 400 MVA transformer, three 240 kV circuit breakers and two 138 kV circuit breakers. The 138 kV lines in the area will be re-terminated at the Fidler 312S substation which includes salvaging parts of the 138 kV system.

How is AltaLink involved?

AltaLink Management Ltd. is the Transmission Facility Owner ("TFO") in the Pincher Creek area. While the AESO is responsible for determining the need for transmission system reinforcement, AltaLink, when directed by the AESO, is responsible for filing an application with the AUC for the facilities (e.g., lines, substations and towers) that will satisfy the transmission system reinforcement need identified by the AESO.

The AESO appreciates the views of stakeholders. Your comments and questions on the plan for transmission system reinforcement are encouraged. If you have any questions or suggestions regarding the need for transmission system reinforcement in the Pincher Creek area, or the AESO's application regarding the need, please contact:

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The AESO intends to apply to the AUC for approval of the need identified for transmission reinforcement in the Pincher Creek area by March 2010.

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 eligible Transmission Facility Owner(s). If you have any questions about how the AESO will use and disclose your personal information collected with regard to this project, please contact us at 1-888-866-2959 or at stakeholder.relations@aeso.ca.