

## Wild Rose One and Two Connection NID - Need for transmission system development in the Medicine Hat area

For more information please contact the AESO at 1-888-866-2959, [www.aeso.ca](http://www.aeso.ca) or [stakeholder.relations@aeso.ca](mailto:stakeholder.relations@aeso.ca)



### Why is transmission system development needed in the Medicine Hat area?

NaturEner Wild Rose 1 Energy Inc. and NaturEner Wild Rose 2 Energy Inc., affiliates of NaturEner Energy Canada Inc., have requested system access service for their respective wind farm projects, Wild Rose 1 and Wild Rose 2, both located south of Irvine, in Cypress County. Combined, these wind farms will provide up to 400 megawatts (MW) of wind power to the provincial electric transmission system. The anticipated in-service dates for these connections are March 31, 2013 for Wild Rose 1, and July 1, 2013 for Wild Rose 2.

In September 2009, the AUC approved the AESO's Southern Alberta Transmission Reinforcement NID for system reinforcements throughout southern Alberta to integrate future wind power development (see AUC Decision 2009-126). These reinforcements, along with additional system enhancements outlined in the NIDs for the connections of Wild Rose 1 and Wild Rose 2 will provide the capacity needed to integrate wind power development anticipated for this region.

The AESO intends to apply to the Alberta Utilities Commission (AUC) for approval of the need identified for transmission development in the Medicine Hat area in October 2010.

### Who is the AESO?

Alberta's transmission system, sometimes referred to as the Alberta Interconnected Electric System (AIES) or "grid," is planned and operated by the Alberta Electric System Operator (AESO). The transmission system is comprised of the high-voltage lines, towers and equipment that transmit electricity from generators to lower voltage systems that distribute it to cities, towns, rural areas and large industrial customers. Our job is to maintain safe, reliable and economic operation of the provincial transmission grid. Our planning responsibility includes identifying needed transmission development and recommending preferred options to meet these needs. We are regulated by the Alberta Utilities Commission (AUC) and must apply for approval of the transmission system needs we identify. Further, the AESO is also mandated to facilitate the interconnection of qualified electricity generators and new load customers to the provincial transmission grid.

### How is AltaLink involved?

AltaLink is the transmission facility owner (TFO) in the Medicine Hat 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 approval of the transmission facilities that will satisfy the transmission system development need identified by the AESO.

The AESO appreciates the views of stakeholders. Your comments and suggestions on the plan for transmission system development are encouraged. If you have any questions or suggestions regarding the need for transmission system development in the Medicine Hat 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 local Transmission Facility Owner. 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](mailto:stakeholder.relations@aeso.ca).*