



April 11, 2007

Dear Stakeholders:

Re: Heartland Transmission Development - Need Assessment

The area known as “Alberta’s Heartland,” north of Fort Saskatchewan and south of Redwater, is emerging as a location in the province for significant expansion of bitumen upgrading facilities. As such, the Alberta Electric System Operator (AESO) has identified current and future proposals for bitumen upgraders as having the potential to significantly increase electricity demand over the next five to seven years. Potential transmission reinforcement into the Heartland area is outlined in the [10-Year Transmission System Plan \(2007-2016\)](#).

The AESO’s consultation model, adapted to transmission planning, will form the basis for the project development and consultation plan. However, the basic format will be adapted to accommodate the anticipated pressing need for reinforcement in the Heartland area. A process incorporating a parallel Transmission Facility Owner (TFO) facility application process addressing land use issues is proposed to gain valuable insight from all stakeholders; industry and public, to complete the analysis of the study area.

As you may be aware, the AESO held open houses regarding transmission system requirements in this area in Stony Plain, St. Albert, Edmonton and Fort Saskatchewan during the week of April 2<sup>nd</sup>. The AESO also held an information session in Fort Saskatchewan on March 23, 2007.

Another Information Session has been arranged for:

**April 18, 2007**  
**1:30 – 3:30 pm**

**Foxglove Room, Sheraton Suites Calgary Eau Claire**  
**255 Barclay Parade SW**  
**Calgary, AB**

Agenda enclosed.

In addition to the meeting, the AESO will host a webinar to accommodate stakeholders who can't attend. Please [click here](#) to view the presentation that was given at the March 23<sup>rd</sup> meeting. The material to be presented and discussed on April 18<sup>th</sup> will be similar in scope and content.

If you are interested in attending the session or receiving log-in information to the webinar, please contact Brandy Eagleson at (403) 539-2773 or via e-mail to [brandy.eagleson@ieso.ca](mailto:brandy.eagleson@ieso.ca) **on or before Monday, April 16.**

Yours truly,

Neil J. Brausen, P. Eng.  
Director, 500 kV System Planning

