



June 23, 2009

To All Interested Parties:

Wind Power Forecasting Service Request for Proposal

The Alberta Electric System Operator (AESO) is pleased to announce we have issued a [Request for Proposal \(RFP\)](#) for a centralized wind power forecasting service ([for a Word version of the RFP click here](#)). The RFP is an essential step towards facilitating the large scale integration of increased wind power on the Alberta Interconnected Electric System and the Alberta electricity market.

With the interconnection of approximately 1,000 MW of additional wind generation capacity anticipated by Q3 2010, additional experience with wind power forecasting techniques and an early opportunity for refining these techniques is vital. Issuing the RFP now and subsequently working closely with the selected wind power forecasting service provider and industry will help to achieve this goal.

The RFP was developed based on the Wind Power Forecasting Pilot Project Industry Work Group recommendations and stakeholder comments received in response to the Notice to Stakeholders: Implementation of Market & Operational Framework for Wind Integration in Alberta (March 3, 2009). Discussions with wind power facility operators, the Canadian Wind Energy Association (CanWEA), and electric system operators in other jurisdictions further enhanced the requirements defined in the RFP. If you have any questions regarding the RFP, please contact James Shen, Senior Engineer at james.shen@aeso.ca.

In parallel, the AESO has also developed a set of participation agreements with existing wind power facility operators. Under these voluntary agreements, existing wind power facilities will provide the AESO with wind generation forecast data, including facility-specific wind and turbine data, which are required for forecasting purposes. The cooperation of existing wind power facility owners is appreciated and is a critical step towards implementing a centralized wind power forecasting service.

The AESO also will establish a Wind Power Forecasting Standing Work Group in the near future to provide input on matters such as accuracy metrics and the means to improve the wind power forecasts. The AESO would like to emphasize that the rules, procedures and standards with respect to wind power forecasting will go through the ISO rules consultation process in order to provide all stakeholders the opportunity to provide additional input.

The AESO thanks stakeholders for their support for this important initiative and looks forward to providing updates on the selection of a wind power forecaster and implementation of wind forecasting in Alberta.

If you have any questions or require any further information regarding AESO's Wind Integration initiative, please contact Anita Lee, Director, Wind Integration at anita.lee@aesoc.ca.

Yours truly,

Original signed by

Warren Frost
Vice President, Operations and Reliability