



April 22, 2010

Dear Stakeholders:

**Re: 10 minute historical data for total wind power and Alberta Internal Load**

The AESO is publishing a data file containing the “total wind power” and “Alberta Internal Load” for the period of January 1 2004 to December 31, 2009. The AESO has had many requests for this data from universities and other learning institutions where this type of information will be useful for research and analysis.

The actual value of the “Total wind power” is obtained by aggregating data from each transmission connected wind facility on a real-time basis using real-time telemetered data points. The actual value of the “Alberta Internal Load” is an aggregate calculation on a real-time basis using real-time telemetered data points generation facilities and interconnections. Both the total wind power and Alberta Internal Load are published in real time on the AESO’s Current Supply Demand page.

This data was obtained from the AESO’s real time historical database. Due to the nature of the using real time telemetered points, there are times when the data maybe incorrect. The AESO has flagged potentially bad data in the data file.

We would like to make it clear that the “total wind power” data is the power at each point in time and does not include the on-line capacity of the wind generation, or any constraints applied to wind generation.

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with this website; even if the AESO is made aware of the possibility of such claims, expenses, damages or losses.

If you have any questions or require any further information, please contact Ming Hu at 403.539.2503.

Sincerely,

*Original signed by*

Jerry Mossing  
Director, Transmission Support