

August 25, 2014

To Alberta Loss Factor Stakeholders – Holders of Generations and PPAs

Re: **Transmission Loss Factor Generator and Import Data Confirmation for 2015**

In order to enable the Alberta Electric System Operator (AESO) to carry out and perform its duties and responsibilities, including correctly assessing loss factors for generation units in 2015 and beyond, we require certain reliable and accurate data. The AESO proposes to base generator output information on historical data for existing units and customer-provided generation profile for new units (except for wind or if customers do not provide the profile).

The draft 2015 Generic Stacking Order (GSO) is now on the AESO web site at www.aeso.ca > Transmission > Loss Factors > Generic Stacking Order > 2015 Actual.

Please note if your generator is not yet constructed but has an in-service date (ISD) before October 15, 2015 and has Alberta Utilities Commission (AUC) approval, we will be publishing your unit in the overall GSO list on our public web site as per the ISO Rules Section 501.10 ([http://www.aeso.ca/downloads/Division_501_-_Section_501-10_-_Transmission_Loss_Factor_\(October_10_2012\).pdf](http://www.aeso.ca/downloads/Division_501_-_Section_501-10_-_Transmission_Loss_Factor_(October_10_2012).pdf)). You will have to coordinate any change of ISD with your AESO project contact. The H-values (please refer to Subsection 4(2) in ISO Rules Section 501.10 Appendix 1) are shown in the following table for your convenience.

H-values	Winter (Hr)	Spring (Hr)	Summer (Hr)	Fall (Hr)
H1	1	1	1	1
H2	25	125	75	125
H3	1975	1975	2125	1625
H4	2160	2207	2208	2185

In order to ensure complete and accurate data, the AESO requests you review the draft GSO to:

- Confirm one of the following: (i) the generation units listed are held by you as a “PPA Buyer”; (ii) the generation units listed are held by you and not subject to a PPA; or (iii) neither of the foregoing apply (Please also let us know, in the case of shared ownership of an asset, which party will respond to our request.);
- Confirm the twelve capacity values for each generating unit are historically correct;
- Confirm that your new generation assets in 2015 power system have been adequately represented; and
- Return this letter, updated as necessary, to the undersigned by **September 10, 2014 (ten business days)**, and signed below the appropriate space by an officer of your company. (An electronic signature is adequate.)

For your information, the calculation of the capacities was completed as per the appropriate operating policies and procedures and the ISO Rules Section 501.10. The values you are being asked to assess and confirm correspond to high, medium and low load levels of your generation units for winter, spring, summer, and fall. Once the levels of generation are confirmed, they will be added to the 2015 and 2019 GSO for use in our studies. Further, if there are other inaccuracies or deficiencies in the data we have sent (such as proper ownership names, missing generator assets, contact information, etc), please highlight and return to us. The AESO encourages you to share the data with all the appropriate staff in your organization prior to responding.

If the AESO does not receive a response from you by **September 10, 2014**, we will proceed with our analysis based on the data we have sent you. Any amendments to the final GSO values after September 10, 2014 will be very difficult to change due to the serial nature of the model development.

Please contact lossfactor@aeso.ca if you have any questions.

Yours truly,

Original *signed by*

Dan Shield
Director, Transmission Engineering

cc: Han Yu

Customer Approval of GSO data

Approval (Signature, Name, Position)

Date