

August 14, 2012

To Alberta Loss Factor Stakeholders – Holders of Generation and PPA’s

Re: **Transmission Loss Factor Generator and Import Data Confirmation for 2013**

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 2013 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 2013 Generic Stacking Order (GSO) is now on the AESO web site at www.aeso.ca > Transmission > Loss Factors > Generic Stacking Order > 2013 Actual.

Please note if your generator is not yet constructed but has an in-service date (ISD) in 2013 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. You will have to coordinate the change of ISD with your AESO project contact. The H-values (please refer to section 3.1 of Appendix 6, ISO rules) are shown in the following table for your convenience.

	Winter	Spring	Summer	Fall
H-values	Hr	Hr	Hr	Hr
H1	1	1	1	1
H2	50	25	50	200
H3	2100	1925	2100	1225
H4	2184	2207	2208	2185

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

- Confirm one of the following: (i) the generating units listed are held by you as a “PPA Buyer”; (ii) the generating 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 your generation asset is new on the power system in 2013 and is being adequately represented; and

- Return this letter, updated as necessary, to the undersigned by August 28, 2012 (**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 new Loss Factor Rule (section 9.2 of the Rules, and Appendix 6 http://www.aeso.ca/downloads/May_01_2008_FinalRules.pdf). The values you are being asked to assess and confirm correspond to high, medium and low load levels of your generating units for winter, spring, summer, and fall. Once the levels of generation are confirmed, they will be added to the 2013 and 2017 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 appropriate staff in your organization prior to responding.

If the AESO does not receive a response from you by August 28, 2012 (**ten business days**), we will proceed with our analysis based on the data we have sent you. Any amendments to the final GSO values after August 2012 will be very difficult to change due to the serial nature of the model development.

If desired, AESO staff will meet with participants to demonstrate the calculation used to arrive at the GSO value. Please contact lossfactor@aeso.ca if you have any questions.

Yours truly,

Original *signed by*

Fred Ritter, P.Eng

Chief Engineer

cc: Peng Wang, AESO

Han Yu, AESO

Customer Approval of GSO data

Approval (Signature, Name, Position)

Date