



July 13, 2009

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

**Re: Transmission Loss Factor Generator and Import Data Confirmation for 2010**

In order to enable the AESO to carry out and perform its duties and responsibilities, including correctly assessing loss factors for generation units in 2010 and forward, we require certain reliable and accurate data. Subsequent to meetings with Stakeholders, 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 2010 Generic Stacking Order (GSO) is now on the AESO web site at [www.aeso.ca](http://www.aeso.ca) > Transmission > Loss Factors > Generic Stacking Order > 2010 Actual. This year, and for all subsequent years, the AESO will not be sending out the GSO to individual stakeholders and owners. The owners of generation and PPA's will have to review the GSO from the website.

Please note if your generator is not yet constructed but has an in-service date (ISD) in 2010, we will be publishing your unit in the overall GSO list on our public web site as per the AESO 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	100	100	75	75
H3	1650	1750	2125	1350
H4	2160	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 2010 and is being adequately represented, and

- Return this letter, updated as necessary, to the undersigned within ten business days, signed off in 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 Operation 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](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 autumn. Once the levels of generation are confirmed, they will be added to the 2010 and 2014 GSO for use in our studies. Further, if there are other inaccuracies or deficiencies in the data we send (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 within **ten business days (July 24, 2009)**, we will proceed with the data we have sent you. Please be advised that if it is necessary to revise loss factor calculations at a subsequent date to correspond to updated data, you may be liable for a charge or entitled to a credit. Any amendments to the final GSO values after mid-August 2009 will be very difficult to change due to serial nature of the model development.

If desired, AESO staff can spend about ½ hour with participants to demonstrate the calculation used to arrive at the GSO value. Please contact me at 403 539 2614 if you have any questions.

Yours truly,

*Original signed by*

Robert Baker, P.Eng.  
Regulatory Forecasting

cc: Doyle Sullivan  
Ashikur Buhiya

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Customer Approval of GSO data

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Approval (Signature, Name, Position)

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Date