

Loss Factors for New Services and Updated Loss Factors for Existing Services

In accordance with section 32 of the *Transmission Regulation*, the AESO must make loss factors available to the public for a generating unit proposed to be constructed in Alberta. The AESO has accordingly determined loss factors for new services connecting to the Alberta interconnected electric system, as provided in Table 1 below.

In addition, updated information relating to the loss factors for some existing services may become available from time to time. Updated information for existing services is provided in Table 2 below.

Table 1 – Loss Factors for New Services Connecting to the Alberta Interconnected Electric System

MP-ID	Facility Name	PSS/E Bus	Normalized and Compressed Loss Factor (%)	Loss Factor Asset	Difference % in Loss Factor to System Average
SLP1	Slave Lake Pulp	1230	1.09	Gen	-2.57
325S009N	ATCO Hotchkiss 788S	19050	-5.25	Gen	-8.91
CL01	Cenovus Sunday Creek BTF	23752	0.29	Gen	-3.37
0000027711	Fortis Bull Creek Phase 2	4220	-0.92	Gen	-4.58

Note: Loss factors are determined using the 2015 loss factor calculation methodology for services connecting after the 2015 loss factors were developed

Table 2 – Updated Information for Loss Factors for Existing Services

MP-ID	Facility Name	PSS/E Bus	Normalized and Compressed Loss Factor (%)	Loss Factor Asset	Difference % in Loss Factor to System Average
321S009N *	ATCO Genalta Cadotte Generator Increase	19083	-1.73	Gen	-5.39
311S033N *	Northstone Elmworth	19134	-6.52	Gen	-10.18

* Information that has been updated since loss factors were originally published for these services