

### 2018 Loss Factors Effective 1 Jan 2018 (2018-03-22)

Document: 2018 Loss Factors Effective 1 Jan 2018, in Accordance With Subsection 3(2)(f) of Section 501.10 of ISO Rules,  
Transmission Loss Factors  
Effective January 1, 2018  
Version: Public — Posted 22 Mar 2018

Location (MPID)	Facility Name	Area Name	Number	PSS/E Bus	Final Loss Factor
000001511	FortisAlberta Reversing POD - Fort Macleod (15S)	Fort Macleod	53	4237	4.00%
000006511	FortisAlberta Reversing POD - High River (65S)	High River	46	4242	4.00%
000006711	FortisAlberta Reversing POD - Stirling (67S)	Glenwood	55	4280	(0.81%)
000012111	FortisAlberta Reversing POD - Brooks (121S)	Brooks	47	3256	4.00%
000016301	FortisAlberta DOS - Plains Midstream Canada (163S)	Empress	48	262	4.00%
000022911	FortisAlberta Reversing POD - Glenwood (229S)	Glenwood	55	4245	2.04%
000025611	FortisAlberta Reversing POD - Harmattan (256S)	Didsbury	39	124	(0.04%)
000027711	FortisAlberta Reversing POD - Hayter (277S)	Provost	37	220	(0.88%)
000034911	FortisAlberta Reversing POD - Stavely (349S)	Stavely	49	4235	6.19%
000038511	FortisAlberta Reversing POD - Spring Coulee (385S)	Glenwood	55	4246	(12.00%)
000039611	FortisAlberta Reversing POD - Pincher Creek (396S)	Fort Macleod	53	4224	1.81%
000045411	FortisAlberta Reversing POD - Buck Lake (454S)	Drayton Valley	30	4080	4.00%
000065911	FortisAlberta Reversing POD - Pegasus (659S)	Swan Hills	26	325	(0.50%)
000079301	FortisAlberta DOS - Cochrane EV Partnership (793S)	Seebe	44	191	4.00%
000089511	FortisAlberta Reversing POD - Suffield (895S)	Medicine Hat	4	3270	(3.01%)
311S033N	ATCO Electric Reversing POD - Elmsworth (731S)	Grande Prairie	20	19134	(12.00%)
321S009N	ATCO Electric Reversing POD - Carmon (830S)	Peace River	19	19083	(9.11%)
321S033	ATCO Electric DOS - Daishowa-Marubeni (839S)	Peace River	19	1088	12.00%
325S009N	ATCO Electric Reversing POD - Hotchkiss (788S)	Peace River	19	19050	(12.00%)
372S025N	ATCO Electric Reversing POD - Lindbergh (969S)	Cold Lake	28	1444	(1.26%)
AFG1TX	APF Athabasca	Athabasca	27	392	(0.33%)
AKE1	McBride Lake Wind Facility	Fort Macleod	53	901	3.68%
ANC1	Alberta Newsprint	Swan Hills	26	298	(0.23%)
ARD1	Ardenville Wind Facility	Fort Macleod	53	739	4.03%
BAR	Barrier Hydro Facility	Seebe	44	216	(0.80%)
BCR2	Bear Creek #2	Grande Prairie	20	1142	(12.00%)
BCRK	Bear Creek #1	Grande Prairie	20	1142	(12.00%)
BIG	Bighorn Hydro Facility	Abraham Lake	34	103	1.51%
BPW	Bears paw Hydro Facility	Seebe	44	184	(1.28%)
BR3	Battle River #3	Alliance	36	1491	5.43%
BR4	Battle River #4	Alliance	36	1491	6.40%
BR5	Battle River #5	Alliance	36	1469	4.54%
BRA	Brazeau Hydro Facility	Drayton Valley	30	153	3.26%
BSR1	Blackspring Ridge Wind Facility	Stavely	49	736	3.94%
BTR1	Blue Trail Wind Facility	Fort Macleod	53	328	3.87%
CAS	Cascade Hydro Facility	Seebe	44	175	(2.07%)
CES1/CES2	Calgary Energy Centre	Calgary	6	187	1.86%
CHIN	Chin Chute Hydro Facility	Lethbridge	54	406	0.47%
CLO1	Cenovus Christina Lake Industrial System	Fort McMurray	25	879	5.42%
CMH1	City of Medicine Hat	Medicine Hat	4	976	2.07%
CNR5	CNRL Horizon Industrial System	Fort McMurray	25	1263	3.15%
CR1	Castle River #1 Wind Facility	Fort Macleod	53	234	3.82%
CRE3	Cowley Ridge Wind Facility	Fort Macleod	53	264	5.04%
CRR1	Castle Rock Wind Facility	Fort Macleod	53	221	4.02%
CRS1	Crossfield Energy Centre #1	Airdrie	57	503	4.14%
CRS2	Crossfield Energy Centre #2	Airdrie	57	503	3.89%
CRS3	Crossfield Energy Centre #3	Airdrie	57	503	4.08%
DAI1	Daishowa-Marubeni	Peace River	19	1089	(10.52%)
DOWGEN15M	Dow Hydrocarbon Industrial Complex	Fort Saskatchewan	33	61	4.42%
DRW1	Drywood #1	Glenwood	55	4226	1.04%
EAGL	Whitcourt Power	Swan Hills	26	410	(3.26%)
EC01	Cavalier	Strathmore	45	340	1.13%
EC04	Foster Creek Industrial System	Cold Lake	28	1301	8.23%
EGC1	Shepard	Calgary	6	772	2.37%

### 2018 Loss Factors Effective 1 Jan 2018 (2018-03-22)

Document: 2018 Loss Factors Effective 1 Jan 2018, in Accordance With Subsection 3(2)(f) of Section 501.10 of ISO Rules,  
Transmission Loss Factors  
Effective: January 1, 2018  
Version: Public — Posted 22 Mar 2018

Location (MPID)	Facility Name	Area Name	Number	PSS/E Bus	Final Loss Factor
ENC1	Clover Bar #1	Edmonton	60	516	4.03%
ENC2	Clover Bar #2	Edmonton	60	516	4.08%
ENC3	Clover Bar #3	Edmonton	60	516	4.25%
FH1	Fort Hills Industrial System	Fort McMurray	25	1612	4.00%
FNG1	Fort Nelson	Rainbow Lake	17	20000	(10.50%)
GHO	Ghost Hydro Facility	Seebe	44	180	(0.79%)
GN1	Genesee #1	Lake Wabamun	40	525	4.96%
GN2	Genesee #2	Lake Wabamun	40	525	5.00%
GN3	Genesee #3	Lake Wabamun	40	525	4.96%
GPEC	Grande Prairie EcoPower	Grande Prairie	20	1101	(12.00%)
GWW1	Soderglen Wind Facility	Fort Macleod	53	358	4.21%
HAL1	Halkirk Wind Facility	Hanna	42	1435	4.96%
HRM	H. R. Milner	Grande Cache	22	1147	(12.00%)
HSH	Horseshoe Hydro Facility	Seebe	44	171	(1.15%)
IEW1	Summerview 1 Wind Facility	Fort Macleod	53	336	4.62%
IEW2	Summerview 2 Wind Facility	Fort Macleod	53	336	4.78%
INT	Interlakes Hydro Facility	Seebe	44	376	(0.48%)
IOR1	Cold Lake Industrial System	Cold Lake	28	1303	3.94%
IOR3	Kearl Oil Sands Industrial System	Fort McMurray	25	1610	4.00%
KAN	Kananaskis Hydro Facility	Seebe	44	193	(0.89%)
KH1	Keephills #1	Lake Wabamun	40	420	5.86%
KH2	Keephills #2	Lake Wabamun	40	420	5.88%
KH3	Keephills #3	Lake Wabamun	40	510	4.81%
KHW1	Kettles Hill Wind Facility	Fort Macleod	53	402	4.19%
MEG1	MEG Christina Lake Industrial System	Fort McMurray	25	405	3.65%
MKR1	Muskeg River Industrial System	Fort McMurray	25	1236	5.03%
MKRC	MacKay River Industrial System	Fort McMurray	25	1274	4.44%
NEP1	Ghost Pine Wind Facility	Hanna	42	603	4.96%
NOVAGEN15M	Joffre Industrial System	Red Deer	35	383	2.10%
NPP1	Northern Prairie Power Project	Grande Prairie	20	1118	(12.00%)
NRG3	NRGreen	Swan Hills	26	1674	(4.29%)
NX01	Nexen Inc. #1	Calgary	6	198	1.09%
NX02	Nexen Inc. #2	Fort McMurray	25	1241	5.41%
OMRH	Oldman River Hydro Facility	Fort Macleod	53	230	2.09%
OWF1	Oldman 2 Wind Facility	Fort Macleod	53	543	4.22%
PH1	Poplar Hill #1	Grande Prairie	20	1118	(12.00%)
POC	Pocaterra Hydro Facility	Seebe	44	329	0.16%
PR1	Primrose #1	Cold Lake	28	800	7.40%
RB5	Rainbow #5	Rainbow Lake	17	83	(12.00%)
RUN	Rundle Hydro Facility	Seebe	44	195	(1.46%)
RYMD	Raymond Reservoir Hydro Facility	Glenwood	55	413	3.14%
SCL1	Syncrude Industrial System	Fort McMurray	25	1200	5.33%
SCR1	Suncor Industrial System	Fort McMurray	25	1200	1.87%
SCR2	Magrath Wind Facility	Glenwood	55	251	2.97%
SCR3	Chin Chute Wind Facility	Lethbridge	54	389	1.45%
SCR4	Wintering Hills Wind Facility	Sheerness	43	759	6.50%
SCTG	Scotford Industrial System	Fort Saskatchewan	33	43	3.22%
SD3	Sundance #3	Lake Wabamun	40	135	4.33%
SD4	Sundance #4	Lake Wabamun	40	135	2.81%
SD5	Sundance #5	Lake Wabamun	40	135	4.21%
SD6	Sundance #6	Lake Wabamun	40	135	2.60%
SH1	Sheerness #1	Sheerness	43	1481	5.74%
SH2	Sheerness #2	Sheerness	43	1486	6.06%
SHCG	Shell Caroline	Caroline	38	370	(4.18%)

### 2018 Loss Factors Effective 1 Jan 2018 (2018-03-22)

Document: 2018 Loss Factors Effective 1 Jan 2018, in Accordance With Subsection 3(2)(f) of Section 501.10 of ISO Rules,  
Transmission Loss Factors  
Effective January 1, 2018  
Version: Public — Posted 22 Mar 2018

Location (MPID)	Facility Name	Area Name	Number	PSS/E Bus	Final Loss Factor
SLP1	Slave Lake Pulp	High Prairie	21	1230	(5.27%)
SPR	Spray Hydro Facility	Seebe	44	310	(0.98%)
TAB1	Taber Wind Facility	Vauxhall	52	343	(0.38%)
TAY1	Taylor Hydro Facility	Glenwood	55	693	2.21%
TC01	Carseland Industrial System	Strathmore	45	5251	1.20%
TC02	Redwater Industrial System	Fort Saskatchewan	33	50	1.74%
THS	Three Sisters Hydro Plant	Seebe	44	379	12.00%
VVW1	Valleyview #1	Valleyview	23	1172	(5.71%)
VVW2	Valleyview #2	Valleyview	23	1172	(3.91%)
WEY1	Weyerhaeuser	Grande Prairie	20	1140	(12.00%)
BCHEXP	Alberta-BC Interite - Export	WSCC	15	1520	0.69%
BCHIMP	Alberta-BC Interite - Import	WSCC	15	1520	2.28%
MTEXP	Alberta-Montana Intertie - Export	Glenwood	55	80000	—
120SIMP	Alberta-Montana Intertie - Import	Glenwood	55	80000	3.33%
SPCEXP	Alberta-Saskatchewan Intertie - Export	Empress	48	1473	2.21%
SPCIMP	Alberta-Saskatchewan Intertie - Import	Empress	48	1473	4.51%