

Document: 2017 Loss Factors Effective 1 Jan 2017, in Accordance With Subsection 3(2)(f) of Section 501.10 of ISO Rules, Transmission Loss Factors
 Sheet: Final Loss Factors Calculated for Each Location for Year, in Accordance with Subsection 12 of Section 501.10 of ISO Rules, Transmission Loss Factors
 Effective: January 1, 2017
 Version: Public — Posted 11 May 2017

Location (MPID)	Facility Name	PSS/E Bus	Area Number	Area Name	Final Loss Factor
0000001511	FT MACLEOD	4237	53	FORT MACLEOD	3.54%
0000003511	RUNDLE REVERSING POD	380	44	SEEBE	1.04%
0000004813	POCATERRA REVERSING POD	375	44	SEEBE	0.72%
0000006711	STIRLING	4280	55	GLENWOOD	1.04%
0000022911	GLENWOOD	4245	55	GLENWOOD	9.97%
0000025611	HARMATTAN GAS PLANT DG	124	39	DIDSBURY	0.58%
0000027711	FORTIS BULL CREEK PHASE 2	220	37	PROVOST	(7.65%)
0000034911	ALTAGAS PARKLAND	4235	49	STAVELY	(1.33%)
0000038511	SPRING COULEE	4246	55	GLENWOOD	
0000039611	PINCHER CREEK	4224	53	FORT MACLEOD	6.50%
0000065911	FORTIS GENALTA CARSON CREEK GENERATOR	325	26	SWAN HILLS	3.45%
0000079301	ANG COCHRANE (793S)	191	44	SEEBE	12.00%
321S009N	ATCO GENALTA CADOTTE GENERATOR INCREASE	19083	19	PEACE RIVER	8.77%
321S033	DAISHOWA-MARUBENI INTERNATIONAL LTD.	1088	19	PEACE RIVER	12.00%
372S025N	PENGROWTH LINDBERGH CO-GEN	1444	28	COLD LAKE	(1.39%)
AFG1TX	FORTISALBERTA AL-PAC PULP MILL	392	27	ATHABASCA	(1.81%)
AKE1	MCBRIDE	901	53	FORT MACLEOD	3.32%
ANC1	FORTIS ANC (ALBERTA NEWSPRINT COMPANY) - GENERATION	298	26	SWAN HILLS	3.97%
ARD1	TRANSALTA ARDENVILLE WIND FARM	739	53	FORT MACLEOD	3.54%
BAR	BARRIER	216	44	SEEBE	(1.19%)
BCR2	BEAR CREEK G2	1142	20	GRANDE PRAIRIE	(12.00%)
BCRK	BEAR CREEK G1	1142	20	GRANDE PRAIRIE	(10.28%)
BIG	BIGHORN	103	34	ABRAHAM LAKE	0.17%
BPW	BEARSPAW	184	44	SEEBE	(1.81%)
BR3	BATTLE RIVER #3	1491	36	ALLIANCE	4.20%
BR4	BATTLE RIVER #4	1491	36	ALLIANCE	2.12%
BR5	BATTLE RIVER #5	1469	36	ALLIANCE	1.28%
BRA	BRAZEAU	153	30	DRAYTON VALLEY	1.50%
BSR1	BLACKSPRING RIDGE I WIND PROJECT	736	49	STAVELY	3.42%
BTR1	BLUE TRAIL WIND FARM	328	53	FORT MACLEOD	3.52%
CAS	CASCADE	175	44	SEEBE	(1.66%)
CES1	ENMAX CALGARY ENERGY CENTRE CTG	187	6	CALGARY	(0.36%)
CES2	ENMAX CALGARY ENERGY CENTRE STG	187	6	CALGARY	(0.36%)
CHIN	CHIN CHUTE	406	54	LETHBRIDGE	0.11%
CLO1	CENOVUS SUNDAY CREEK BTF	879	61	CHRISTINA LAKE	12.00%
CMH1	CITY OF MEDICINE HAT	976	4	MEDICINE HAT	7.60%
CNR5	CNRL HORIZON	1263	58	DOVER	3.59%
CR1	CASTLE RIVER	234	53	FORT MACLEOD	4.06%
CRE3	COWLEY NORTH	264	53	FORT MACLEOD	6.37%
CRR1	ENEL ALBERTA CASTLE ROCK WIND FARM	221	53	FORT MACLEOD	3.90%
CRS1	ENMAX CROSSFIELD ENERGY CENTER	503	57	AIRDRIE	3.20%
CRS2	ENMAX CROSSFIELD ENERGY CENTER	503	57	AIRDRIE	3.47%
CRS3	ENMAX CROSSFIELD ENERGY CENTER	503	57	AIRDRIE	3.39%
DAI1	DIASHOWA	1089	19	PEACE RIVER	(5.01%)
DOWGEN15M	DOW GTG	61	33	FORT SASKATCHEWAN	3.02%
DRW1	DRYWOOD 1	4226	55	GLENWOOD	(0.66%)
EAGL	WHITE COURT	410	26	SWAN HILLS	0.98%
EC01	CAVAILIER	340	45	STRATHMORE	0.71%
EC04	FOSTER CREEK G1	1301	28	COLD LAKE	6.08%
EGC1	ENMAX SHEPARD ENERGY CENTRE	772	6	CALGARY	1.09%
ENC1	CLOVER BAR 1	516	60	EDMONTON	3.13%
ENC2	CLOVER BAR 2	516	60	EDMONTON	3.31%
ENC3	CLOVER BAR 3	516	60	EDMONTON	3.30%
FNG1	FORT NELSON	20000	17	RAINBOW LAKE	0.43%
GHO	GHOST	180	44	SEEBE	(2.07%)
GN1	GENESEE 1	525	40	LAKE WABAMUN	4.29%
GN2	GENESEE 2	525	40	LAKE WABAMUN	4.20%
GN3	GENESEE 3	525	40	LAKE WABAMUN	4.10%
GPEC	GRANDE PRAIRIE ECOPOWER CENTRE	1101	20	GRANDE PRAIRIE	(12.00%)
GWW1	SODERGLEN	358	53	FORT MACLEOD	3.81%
HAL1	CAPITAL POWER HALKIRK WIND PROJECT	1435	42	HANNA	1.84%
HRM	HR MILNER	1147	22	GRANDE CACHE	(11.73%)
HSH	HORSESHOE	171	44	SEEBE	(1.63%)
IEW1	SUMMERVIEW 1	336	53	FORT MACLEOD	4.81%
IEW2	SUMMERVIEW 2	336	53	FORT MACLEOD	5.07%

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INT	INTERLAKES	376	44	SEEBE	2.51%
IOR1	MAHKESES COLD LAKE	1303	28	COLD LAKE	2.70%
KAN	KANANASKIS	193	44	SEEBE	(1.79%)
KH1	KEEPHILLS #1	420	40	LAKE WABAMUN	4.74%
KH2	KEEPHILLS #2	420	40	LAKE WABAMUN	4.77%
KH3	KEEPHILLS #3	510	40	LAKE WABAMUN	4.15%
KHW1	KETTLES HILL WIND ENERGY PHASE 2	402	53	FORT MACLEOD	4.05%
MEG1	MEG ENERGY	405	61	CHRISTINA LAKE	4.29%
MKR1	MUSKEG	1236	59	RUTH LAKE	7.97%
MKRC	MCKAY RIVER	1274	58	DOVER	6.04%
NEP1	GHOST PINE WIND FARM	603	42	HANNA	3.13%
NOVAGEN15M	NOVA JOFFRE	383	35	RED DEER	0.32%
NPC1	NORTHSTONE ELMWORTH	19134	20	GRANDE PRAIRIE	(12.00%)
NPC2	NPC2 JL LANDRY	19134	20	GRANDE PRAIRIE	(12.00%)
NPP1	NORTHERN PRAIRIE POWER PROJECT	1118	20	GRANDE PRAIRIE	(12.00%)
NRG3	NRGREEN WINDFALL POWER GENERATING STATION	1674	26	SWAN HILLS	2.01%
NX01	BALZAC	198	6	CALGARY	(0.26%)
NX02	NEXEN OPTI	1241	61	CHRISTINA LAKE	7.43%
OMRH	OLDMAN	230	53	FORT MACLEOD	3.05%
OWF1	ALBERTA WIND ENERGY OLD MAN RIVER WIND FARM	543	53	FORT MACLEOD	4.62%
PH1	POPLAR HILL	1118	20	GRANDE PRAIRIE	(12.00%)
POC	POCATERRA	329	44	SEEBE	0.63%
PR1	PRIMROSE	809	28	COLD LAKE	4.47%
Proj_1289	Maxim Power Deerland Peaking Station	732	33	FORT SASKATCHEWAN	3.99%
Proj_1290	Whitetail Peaking Station	850	19	PEACE RIVER	7.95%
Proj_1321	Shell Carmon Creek Cogen	1080	19	PEACE RIVER	6.41%
Proj_1336	BowArk Energy Queenstown Power Plant	758	45	STRATHMORE	1.95%
Proj_1348	Fort Hills Switching Station	1612	59	RUTH LAKE	10.46%
Proj_1500	Renewable Energy Service WAGF	770	53	FORT MACLEOD	1.79%
Proj_1550	Fortis Blue Earth Inc./JBS D.G.	4445	47	BROOKS	1.85%
Proj_1578	Cargill Camrose Canola Plant Co-Generation Unit Connection (BTF)	4070	31	WETASKIWIN	(12.00%)
Proj_1671	Fortis NAT-3 Jenner DG	4260	48	EMPRESS	0.83%
Proj_479	Naturener Wild Rose Wind Farm	531	4	MEDICINE HAT	6.67%
Proj_513	Pteragen Peace Butte 116 MW Wind Farm	294	4	MEDICINE HAT	8.65%
Proj_524	Enel Alberta Riverview Wind Farm	221	53	FORT MACLEOD	1.18%
Proj_580	Windy Point WAGF	543	53	FORT MACLEOD	2.26%
Proj_693	Naturener Wild Rose Wind Farm Phase 2	462	4	MEDICINE HAT	5.31%
Proj_803	Mustus Biomass Generator Connection	1013	18	HIGH LEVEL	(3.05%)
RB5	RAINBOW 5	83	17	RAINBOW LAKE	(9.25%)
RUN	RUNDLE	195	44	SEEBE	(1.78%)
RYMD	RAYMOND RESERVOIR	413	55	GLENWOOD	2.62%
SCL1	SYNCRUDE	1200	59	RUTH LAKE	8.85%
SCR1	SUNCOR MILLENIUM	1200	59	RUTH LAKE	3.68%
SCR2	SUNCOR MAGRATH	251	55	GLENWOOD	2.75%
SCR3	SUNCOR HILLRIDGE WIND FARM	389	54	LETHBRIDGE	1.90%
SCR4	SUNCOR WINTERING HILLS WIND ENERGY PROJECT	759	43	SHEERNES	4.36%
SCTG	SHELL SCOTFORD	43	33	FORT SASKATCHEWAN	3.48%
SD1	SUNDANCE #1	135	40	LAKE WABAMUN	5.47%
SD2	SUNDANCE #2	135	40	LAKE WABAMUN	5.51%
SD3	SUNDANCE #3	135	40	LAKE WABAMUN	5.41%
SD4	SUNDANCE #4	135	40	LAKE WABAMUN	5.31%
SD5	SUNDANCE #5	135	40	LAKE WABAMUN	5.20%
SD6	SUNDANCE #6	135	40	LAKE WABAMUN	5.16%
SH1	SHEERNESS #1	1481	43	SHEERNES	3.05%
SH2	SHEERNESS #2	1486	43	SHEERNES	2.87%
SLP1	SLAVE LAKE PULP	1230	21	HIGH PRAIRIE	3.50%
SPR	SPRAY	310	44	SEEBE	(2.13%)
TAB1	TABER WIND	343	52	VAUXHALL	0.95%
TAY1	TAYLOR HYDRO	693	55	GLENWOOD	1.51%
TC01	CARSELAND	5251	45	STRATHMORE	0.05%
TC02	REDWATER	50	33	FORT SASKATCHEWAN	2.62%
THS	THREE SISTERS	379	44	SEEBE	(2.07%)
VVW1	VALLEYVIEW	1172	23	VALLEYVIEW	(2.54%)
VVW2	ATCO VALLEY VIEW 2	1172	23	VALLEYVIEW	(1.24%)
WEY1	P&G WEYERHAUSER	1140	20	GRANDE PRAIRIE	(12.00%)

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BCHIMP	BC IMPORT	1520	15	WSCC	1.96%
MATLIMP	MONTANA TIE LINE	80000	55	GLENWOOD	3.10%
SPCIMP	SASKATCHEWAN IMPORT	1473	48	EMPRESS	3.92%
BCHEXP	BC EXPORT	1520	15	WSCC	0.70%
MTEXP	MONTANA TIE LINE EXPORT	80000	55	GLENWOOD	
SPCEXP	SASKATCHEWAN EXPORT	1473	48	EMPRESS	2.27%