

MP_ID	Facility Name	Bus number	Voltage KV	Raw Loss Factors											
				WnLw	WnMd	WnPk	SpLw	SpMd	SpPk	SmLw	SmMd	SmPk	FILw	FIMd	FIPk
0000016301	Amoco Empress (163S)	262	240.0	-0.40%	1.37%	2.44%	0.03%	1.05%	1.25%	-0.87%	1.20%	2.32%	2.10%	2.73%	3.75%
0000079301	ANG Cochrane (793S)	191	138.0	-2.29%	-1.96%	-0.66%	-1.75%	-1.94%	-1.38%	-1.75%	-1.40%	-0.60%	-1.71%	-1.35%	-0.22%
NX01	BALZAC	290	138.0	-1.03%	-1.07%	0.12%	-0.28%	-0.60%	-0.21%	-0.99%	-0.37%	0.08%	-0.36%	0.11%	0.64%
BAR	BARRIER	216	138.0	-2.45%	-1.29%	0.45%	-1.86%	-1.35%	-0.45%	-1.46%	-0.80%	0.82%	-1.77%	-0.34%	0.71%
BR3	BATTLE RIVER #3	1491	138.0	4.82%	5.66%	6.28%	4.86%	5.42%	5.50%	4.41%	5.49%	6.71%	5.58%	6.11%	6.85%
BR4	BATTLE RIVER #4	1491	138.0	4.82%	5.66%	6.28%	4.86%	5.42%	5.50%	4.41%	5.49%	6.71%	5.58%	6.11%	6.85%
BR5	BATTLE RIVER #5	1469	240.0	3.96%	4.77%	5.28%	3.99%	4.46%	4.66%	3.67%	4.71%	5.70%	4.82%	5.28%	5.90%
BCRK	BEAR CREEK G1	10142	138.0	-5.55%	-5.07%	-5.87%	-6.75%	-5.23%	-5.92%	-5.24%	-5.92%	-4.68%	-6.92%	-6.63%	-6.63%
BCR2	BEAR CREEK G2	10142	138.0	-5.55%	-5.07%	-5.87%	-6.75%	-5.23%	-5.92%	-5.24%	-5.92%	-4.68%	-6.92%	-6.63%	-6.63%
BPW	BEARSPAW	183	13.2	-1.64%	-1.81%	-0.76%	-0.86%	-1.42%	-1.13%	-1.33%	-1.05%	-0.69%	-0.93%	-0.79%	-0.24%
BIG	BIGHORN	103	138.0	0.82%	2.27%	4.23%	0.58%	1.29%	0.64%	3.01%	3.32%	4.57%	0.33%	1.61%	4.02%
BRA	BRAZEAU	153	240.0	1.65%	2.05%	2.54%	1.63%	2.00%	2.35%	3.16%	2.75%	3.50%	1.80%	2.37%	2.24%
0000045411	BUCK LAKE	4280	25	-2.24%	-2.13%	-1.59%	-0.14%	-1.25%	-1.33%	-0.18%	1.23%	1.05%	-0.41%	-0.09%	-0.73%
CES1	CALPINE CTG	187	240.0	-0.94%	-0.98%	0.17%	-0.19%	-0.46%	-0.07%	-0.88%	-0.27%	0.20%	-0.26%	0.20%	0.67%
CES2	CALPINE STG	187	240.0	-0.94%	-0.98%	0.17%	-0.19%	-0.46%	-0.07%	-0.88%	-0.27%	0.20%	-0.26%	0.20%	0.67%
TC01	CARSELAND	5251	138.0	-1.06%	-0.58%	0.78%	-0.08%	-0.31%	0.09%	-0.96%	-0.17%	0.20%	-0.09%	0.53%	1.37%
CAS	CASCADE	175	138.0	-2.86%	-1.39%	0.53%	-2.33%	-1.58%	-0.41%	-1.79%	-1.07%	0.86%	-2.20%	-0.55%	0.70%
CR1	CASTLE RIVER	234	138.0	1.33%	1.81%	3.13%	1.48%	1.54%	0.72%	0.23%	1.37%	3.82%	2.09%	3.63%	3.57%
EC01	CAVALIER	247	138.0	-2.11%	0.02%	1.90%	-1.26%	-0.16%	1.10%	-2.33%	-0.78%	-0.11%	-0.25%	1.46%	2.80%
CMH1	CITY OF MEDICINE HAT	680	138.0	-2.13%	-0.76%	-0.14%	-1.96%	-0.87%	-1.23%	-2.30%	-1.19%	-1.65%	-0.65%	0.73%	0.97%
CRE1	COWLEY EXPANSION 1	264	69.0	3.84%	4.34%	5.02%	2.79%	3.01%	1.52%	1.23%	2.30%	6.59%	3.88%	5.81%	5.16%
CRE2	COWLEY EXPANSION 2	264	69.0	3.84%	4.34%	5.02%	2.79%	3.01%	1.52%	1.23%	2.30%	6.59%	3.88%	5.81%	5.16%
CRE3	COWLEY NORTH	264	69.0	3.84%	4.34%	5.02%	2.79%	3.01%	1.52%	1.23%	2.30%	6.59%	3.88%	5.81%	5.16%
PKNE	COWLEY RIDGE WIND POWER PHASE1	264	69.0	3.84%	4.34%	5.02%	2.79%	3.01%	1.52%	1.23%	2.30%	6.59%	3.88%	5.81%	5.16%
CRWD	COWLEY RIDGE WIND POWER PHASE2	264	69.0	3.84%	4.34%	5.02%	2.79%	3.01%	1.52%	1.23%	2.30%	6.59%	3.88%	5.81%	5.16%
DAI1	DIASHOWA	1088	138.0	-4.97%	-5.24%	-7.19%	-5.32%	-5.31%	-6.35%	-4.14%	-5.51%	-5.68%	-5.62%	-6.05%	-6.90%
DOWLOD15M	DOW FT Saskatchewan (166S)	9961	138.0	3.22%	2.94%	2.18%	2.59%	2.63%	2.57%	2.64%	2.03%	1.45%	2.31%	1.90%	1.48%
DOWGEN15M	DOW GTG	61	138.0	3.22%	2.94%	2.18%	2.59%	2.63%	2.57%	2.64%	2.03%	1.45%	2.31%	1.90%	1.48%
DRW1	DRYWOOD 1	4226	4.2	0.67%	1.17%	2.52%	0.85%	1.14%	-0.04%	-0.30%	0.74%	3.23%	1.49%	3.11%	2.90%
FNG1	FORT NELSON	1016	138.0	-2.36%	-3.15%	-7.41%	1.63%	-1.84%	-7.61%	0.55%	-1.96%	-2.44%	-0.70%	-2.95%	-5.44%
EC04	FOSTER CREEK G1	1301	138.0	6.54%	6.38%	5.81%	4.98%	5.25%	5.20%	6.03%	5.05%	3.48%	5.53%	4.87%	4.87%
GN1	GENESEE 1	524	240.0	5.94%	5.72%	5.54%	5.50%	5.38%	5.71%	5.19%	5.22%	4.91%	5.04%	4.56%	4.13%
GN2	GENESEE 2	524	240.0	5.94%	5.72%	5.54%	5.50%	5.38%	5.71%	5.19%	5.22%	4.91%	5.04%	4.56%	4.13%
GN3	GENESEE 3	524	240.0	5.94%	5.72%	5.54%	5.50%	5.38%	5.71%	5.19%	5.22%	4.91%	5.04%	4.56%	4.13%
GHO	GHOST	180	138.0	-2.24%	-1.66%	-0.21%	-1.60%	-1.59%	-0.96%	-1.39%	-0.98%	0.00%	-1.58%	-0.80%	0.15%
0000022911	GLENWOOD	4245	25.0	-0.35%	0.11%	1.47%	0.66%	0.73%	-0.47%	0.55%	1.45%	3.41%	1.44%	2.80%	1.71%
GPEC	GRANDE PRAIRIE ECOPOWER CENTRE	1101	138.0	-5.85%	-5.43%	-6.27%	-7.00%	-5.59%	-6.28%	-5.40%	-6.24%	-5.10%	-7.20%	-7.01%	-7.03%
HSH	HORSESHOE	171	138.0	-2.40%	-1.38%	0.34%	-1.80%	-1.43%	-0.56%	-1.51%	-0.86%	0.67%	-1.71%	-0.41%	0.61%
HRM	HR MILNER	1147	138.0	-1.58%	-1.81%	-2.78%	-4.37%	-2.56%	-3.00%	-1.94%	-3.00%	-0.36%	-3.50%	-3.17%	-2.07%
INT	INTERLAKES	376	25.0	-2.31%	0.13%	3.02%	-1.91%	-0.98%	0.99%	-2.11%	-0.81%	2.85%	-1.74%	0.86%	3.30%
KAN	KANANASKIS	193	138.0	-2.37%	-1.36%	0.37%	-1.77%	-1.40%	-0.53%	-1.45%	-0.81%	0.72%	-1.68%	-0.37%	0.65%
KH1	KEEPHILLS #1	420	240.0	5.79%	5.58%	5.43%	5.29%	5.20%	5.57%	5.13%	5.11%	4.81%	4.87%	4.43%	4.05%
KH2	KEEPHILLS #2	420	240.0	5.79%	5.58%	5.43%	5.29%	5.20%	5.57%	5.13%	5.11%	4.81%	4.87%	4.43%	4.05%
KHW1	KETTLES HILL WIND ENERGY PHASE 2	402	138.0	1.41%	1.80%	3.04%	1.59%	1.57%	0.84%	0.38%	1.43%	3.54%	2.18%	3.52%	3.48%
MATL - Import	MATL - Import	167	240.0	-0.44%	0.06%	1.13%	0.29%	0.23%	0.29%	-0.62%	0.65%	1.14%	0.78%	1.50%	1.83%
AKE1	McBRIDE	901	138.0	1.01%	1.21%	2.27%	1.22%	0.97%	0.66%	0.14%	1.09%	2.22%	1.73%	2.56%	2.66%
MKRC	McKAY RIVER	1274	240.0	3.09%	4.57%	3.28%	2.18%	3.42%	4.26%	2.42%	2.38%	1.74%	2.37%	1.99%	2.44%
MKR1	MUSKEG	1236	240.0	3.25%	4.78%	3.49%	2.35%	3.64%	4.60%	2.49%	2.48%	1.83%	2.44%	2.09%	2.60%
NX02	NEXEN OPTI	1241	138.0	3.48%	4.97%	3.71%	2.94%	3.92%	4.54%	3.35%	3.04%	2.22%	3.15%	2.62%	2.84%
NPC1	NORTHSTONE ELMWORTH	19134	25.0	-9.43%	-8.55%	-9.18%	-10.37%	-8.77%	-9.50%	-8.17%	-9.40%	-8.61%	-10.75%	-10.55%	-10.65%
NOVAGEN15M	NOVA JOFFRE	383	138.0	0.34%	0.75%	1.64%	0.48%	0.54%	0.63%	1.24%	1.64%	1.76%	0.89%	1.08%	1.34%
OMRH	OLDMAN	230	138.0	1.77%	2.20%	3.43%	1.91%	1.90%	0.96%	0.75%	1.79%	4.32%	2.64%	4.14%	3.99%
WEY1	P&G WEYERHAUSER	1141	13.8	-5.67%	-5.09%	-5.84%	-6.80%	-5.26%	-5.90%	-5.36%	-5.96%	-4.66%	-7.04%	-6.67%	-6.72%
0000039611	PINCHER CREEK	4224	25.0	1.43%	1.82%	3.21%	1.61%	1.71%	0.73%	0.49%	1.52%	3.95%	2.39%	3.89%	3.68%

0000035311	PLAMONDON	4304	25.0	1.66%	-0.01%	-1.31%	-2.12%	-0.76%	1.48%	0.62%	-0.11%	-0.54%	1.05%	0.38%	-1.63%
POC	POCATERRA	214	13.8	-2.51%	-1.09%	0.94%	-1.90%	-1.31%	-0.32%	-2.10%	-1.07%	1.12%	-1.84%	-0.06%	1.21%
PH1	POPLAR HILL	1118	138.0	-9.99%	-9.01%	-9.55%	-10.68%	-9.13%	-9.94%	-8.44%	-9.81%	-9.10%	-11.31%	-11.08%	-11.17%
PR1	PRIMROSE	1302	138.0	4.57%	4.69%	3.86%	3.52%	3.91%	4.12%	4.64%	3.76%	2.42%	3.99%	3.31%	3.22%
RB1	RAINBOW 1	1031	14.4	-4.27%	-4.70%	-8.49%	-1.03%	-4.23%	-7.59%	-2.57%	-4.46%	-4.73%	-3.14%	-4.83%	-7.01%
RB2	RAINBOW 2	1032	14.4	-4.27%	-4.70%	-8.49%	-1.03%	-4.23%	-7.59%	-2.57%	-4.46%	-4.73%	-3.14%	-4.83%	-7.01%
RB3	RAINBOW 3	1033	14.4	-4.26%	-4.70%	-8.49%	-1.03%	-4.23%	-7.59%	-2.56%	-4.45%	-4.73%	-3.13%	-4.83%	-7.01%
RL1	RAINBOW 4, RL1	1035	13.8	-3.91%	-4.55%	-8.69%	-0.67%	-4.02%	-7.62%	-1.96%	-4.11%	-4.53%	-2.74%	-4.64%	-6.96%
RB5	RAINBOW 5	1037	14.4	-4.20%	-4.62%	-8.41%	-0.94%	-4.15%	-7.49%	-2.53%	-4.39%	-4.65%	-3.07%	-4.74%	-6.92%
TC02	REDWATER	50	138.0	3.15%	2.86%	2.05%	2.45%	2.60%	2.43%	2.50%	1.93%	1.30%	2.21%	1.82%	1.47%
RG10	ROSSDALE 10	507	69.0	4.00%	3.49%	3.02%	3.57%	3.27%	3.35%	3.44%	2.93%	2.38%	3.16%	2.69%	2.21%
RG8	ROSSDALE 8	507	69.0	4.00%	3.49%	3.02%	3.57%	3.27%	3.35%	3.44%	2.93%	2.38%	3.16%	2.69%	2.21%
RG9	ROSSDALE 9	507	69.0	4.00%	3.49%	3.02%	3.57%	3.27%	3.35%	3.44%	2.93%	2.38%	3.16%	2.69%	2.21%
RUN	RUNDLE	197	13.8	-2.62%	-1.09%	0.78%	-2.11%	-1.29%	-0.17%	-1.59%	-0.78%	1.13%	-1.97%	-0.35%	0.90%
SH1	SHEERNESS #1	1484	240.0	3.24%	4.19%	5.17%	3.27%	3.79%	4.44%	2.35%	4.21%	5.34%	4.89%	5.40%	6.17%
SH2	SHEERNESS #2	1484	240.0	3.24%	4.19%	5.17%	3.27%	3.79%	4.44%	2.35%	4.21%	5.34%	4.89%	5.40%	6.17%
SCTG	SHELL SCOTFORD	43	138.0	3.25%	2.92%	2.11%	2.49%	2.73%	2.56%	2.59%	2.05%	1.38%	2.25%	1.87%	1.53%
GWW1	SODERGLEN	358	138.0	1.20%	1.39%	2.48%	1.39%	1.16%	0.89%	0.28%	1.21%	2.32%	1.90%	2.72%	2.85%
SPC - Import	SPC - Import	1473	138.0	-0.51%	1.52%	2.73%	0.00%	1.09%	1.36%	-0.89%	1.25%	1.97%	2.72%	3.10%	4.21%
SPR	SPRAY	310	138.0	-2.57%	-1.14%	0.69%	-2.04%	-1.29%	-0.23%	-1.55%	-0.79%	1.01%	-1.91%	-0.36%	0.83%
0000038511	SPRING COULEE	4246	25.0	-0.26%	-0.17%	0.81%	0.99%	0.40%	-0.25%	0.69%	1.52%	2.59%	1.40%	2.04%	1.36%
0000006711	STIRLING	4280	25.0	-2.24%	-2.13%	-1.59%	-0.14%	-1.25%	-1.33%	-0.18%	1.23%	1.05%	-0.41%	-0.09%	-0.73%
ST1	STURGEON 1	1166	69.0	-2.22%	-2.14%	-3.06%	-3.05%	-2.47%	-2.93%	-2.35%	-3.02%	-2.54%	-3.26%	-3.02%	-3.26%
ST2	STURGEON 2	1166	69.0	-2.22%	-2.14%	-3.06%	-3.05%	-2.47%	-2.93%	-2.35%	-3.02%	-2.54%	-3.26%	-3.02%	-3.26%
IEW1	SUMMERVIEW 1	336	138.0	2.05%	2.48%	3.63%	2.08%	2.06%	1.05%	0.88%	1.92%	4.57%	2.84%	4.38%	4.18%
SCR1	SUNCOR	1208	240.0	2.97%	4.54%	3.19%	2.13%	3.40%	4.21%	2.41%	2.34%	1.64%	2.38%	1.93%	2.36%
SCR2	SUNCOR MAGRATH	251	138.0	-0.12%	0.09%	0.99%	0.84%	0.27%	0.11%	0.07%	1.17%	1.63%	1.13%	1.66%	1.47%
SRC3	SUNCOR HILLRIDGE WIND FARM	389	138.0	-1.04%	-0.38%	0.52%	-0.33%	-0.30%	-0.36%	-1.31%	0.04%	-0.11%	0.18%	0.98%	1.23%
SD1	SUNDANCE #1	135	240.0	5.30%	5.21%	4.87%	4.92%	5.01%	5.14%	4.52%	4.01%	3.96%	4.53%	4.44%	4.52%
SD2	SUNDANCE #2	135	240.0	5.30%	5.21%	4.87%	4.92%	5.01%	5.14%	4.52%	4.01%	3.96%	4.53%	4.44%	4.52%
SD3	SUNDANCE #3	135	240.0	5.30%	5.21%	4.87%	4.92%	5.01%	5.14%	4.52%	4.01%	3.96%	4.53%	4.44%	4.52%
SD4	SUNDANCE #4	135	240.0	5.30%	5.21%	4.87%	4.92%	5.01%	5.14%	4.52%	4.01%	3.96%	4.53%	4.44%	4.52%
SD5	SUNDANCE #5	135	240.0	5.30%	5.21%	4.87%	4.92%	5.01%	5.14%	4.52%	4.01%	3.96%	4.53%	4.44%	4.52%
SD6	SUNDANCE #6	135	240.0	5.30%	5.21%	4.87%	4.92%	5.01%	5.14%	4.52%	4.01%	3.96%	4.53%	4.44%	4.52%
SCL1	SYNCRUDE	1205	240.0	2.94%	4.52%	3.16%	2.12%	3.38%	4.20%	2.40%	2.30%	1.61%	2.36%	1.89%	2.33%
341S025	Syncrude Standby (848S)	1200	240.0	2.95%	4.52%	3.17%	2.12%	3.38%	4.19%	2.40%	2.32%	1.62%	2.36%	1.91%	2.33%
TAB1	TABER WIND	343	138.0	-1.34%	-0.47%	0.32%	-0.80%	-0.59%	-0.74%	-1.87%	-0.50%	-1.02%	-0.09%	0.86%	1.11%
TAY1	TAYLOR HYDRO	670	69.0	-0.28%	-0.12%	0.72%	1.19%	0.40%	0.28%	0.67%	1.97%	2.53%	1.29%	1.69%	1.25%
TAY2	TAYLOR WIND PLANT	670	69.0	-0.28%	-0.12%	0.72%	1.19%	0.40%	0.28%	0.67%	1.97%	2.53%	1.29%	1.69%	1.25%
THS	THREE SISTERS	379	25.0	-2.35%	-0.49%	1.60%	-2.11%	-1.22%	0.07%	-1.38%	-0.29%	2.11%	-1.84%	0.16%	1.78%
VVW1	VALLEYVIEW	1171	13.8	-1.68%	-1.69%	-2.57%	-2.52%	-1.98%	-2.38%	-1.90%	-2.59%	-2.04%	-2.72%	-2.55%	-2.72%
WB4	WABAMUN #4	133	240.0	5.04%	4.84%	4.43%	4.65%	4.64%	4.74%	4.29%	3.65%	3.49%	4.20%	3.98%	3.94%

Note:

1. IOR1 and BC RLFs are not included in the list because multiple buses are involved in the calculation.
2. Export RLFs are not included in the list as they will have no LF in 2009.