

| Location (MPID) | Facility Name                                       | PSS/E Bus | Area Number | Area Name         | Final Loss Factor |
|-----------------|---|-----------|-------------|-------------------|-------------------|
| 000001511       | FT MACLEOD  | 4237      | 53          | FORT MACLEOD      | 5.89%             |
| 000003511       | RUNDLE REVERSING POD                                | 380       | 44          | SEEBE             | (9.54%)           |
| 000004813       | POCATERRA REVERSING POD                             | 375       | 44          | SEEBE             | (0.28%)           |
| 000006711       | STIRLING  | 4280      | 55          | GLENWOOD          | (4.23%)           |
| 000022911       | GLENWOOD  | 4245      | 55          | GLENWOOD          | 0.65%             |
| 000025611       | HARMATTAN GAS PLANT DG                              | 124       | 39          | DIDSBURY          | (0.35%)           |
| 000027711       | FORTIS BULL CREEK PHASE 2                           | 220       | 37          | PROVOST           | (6.86%)           |
| 000034911       | ALTAGAS PARKLAND                                    | 4235      | 49          | STAVELY           | (9.06%)           |
| 000038511       | SPRING COULEE                                       | 4246      | 55          | GLENWOOD          |                   |
| 000039611       | PINCHER CREEK                                       | 4224      | 53          | FORT MACLEOD      | 3.46%             |
| 000065911       | FORTIS GENALTA CARSON CREEK GENERATOR               | 325       | 26          | SWAN HILLS        | 2.01%             |
| 000079301       | ANG COCHRANE (793S)                                 | 191       | 44          | SEEBE             | 11.06%            |
| 321S009N        | ATCO GENALTA CADOTTE GENERATOR INCREASE             | 19083     | 19          | PEACE RIVER       | (6.51%)           |
| 321S033         | DAISHOWA-MARUBENI INTERNATIONAL LTD.                | 1088      | 19          | PEACE RIVER       | 12.00%            |
| 372S025N        | PENGROWTH LINDBERGH CO-GEN                          | 1444      | 28          | COLD LAKE         | (3.16%)           |
| AFG1TX          | FORTISALBERTA AL-PAC PULP MILL                      | 392       | 27          | ATHABASCA         | (0.88%)           |
| AKE1            | MCBRIDE   | 901       | 53          | FORT MACLEOD      | 3.52%             |
| ANC1            | FORTIS ANC (ALBERTA NEWSPRINT COMPANY) - GENERATION | 298       | 26          | SWAN HILLS        | 3.18%             |
| ARD1            | TRANSALTA ARDENVILLE WIND FARM                      | 739       | 53          | FORT MACLEOD      | 3.97%             |
| BAR             | BARRIER   | 216       | 44          | SEEBE             | (0.79%)           |
| BCR2            | BEAR CREEK G2                                       | 1142      | 20          | GRANDE PRAIRIE    | (12.00%)          |
| BCRK            | BEAR CREEK G1                                       | 1142      | 20          | GRANDE PRAIRIE    | (12.00%)          |
| BIG             | BIGHORN   | 103       | 34          | ABRAHAM LAKE      | 1.16%             |
| BPW             | BEARSPAW  | 184       | 44          | SEEBE             | (1.42%)           |
| BR3             | BATTLE RIVER #3                                     | 1491      | 36          | ALLIANCE          | 5.17%             |
| BR4             | BATTLE RIVER #4                                     | 1491      | 36          | ALLIANCE          | 3.95%             |
| BR5             | BATTLE RIVER #5                                     | 1469      | 36          | ALLIANCE          | 3.37%             |
| BRA             | BRAZEAU   | 153       | 30          | DRAYTON VALLEY    | 1.96%             |
| BSR1            | BLACKSPRING RIDGE I WIND PROJECT                    | 736       | 49          | STAVELY           | 3.69%             |
| BTR1            | BLUE TRAIL WIND FARM                                | 328       | 53          | FORT MACLEOD      | 3.84%             |
| CAS             | CASCADE   | 175       | 44          | SEEBE             | (1.25%)           |
| CES1/CES2       | ENMAX CALGARY ENERGY CENTRE CTG/STG                 | 187       | 6           | CALGARY           | 1.15%             |
| CHIN            | CHIN CHUTE  | 406       | 54          | LETHBRIDGE        | (0.11%)           |
| CL01            | CENOVUS SUNDAY CREEK BTF                            | 879       | 25          | FORT MCMURRAY     |                   |
| CMH1            | CITY OF MEDICINE HAT                                | 976       | 4           | MEDICINE HAT      | 1.95%             |
| CNR5            | CNRL HORIZON  | 1263      | 25          | FORT MCMURRAY     | 5.19%             |
| CR1             | CASTLE RIVER  | 234       | 53          | FORT MACLEOD      | 3.88%             |
| CRE3            | COWLEY NORTH  | 264       | 53          | FORT MACLEOD      | 4.95%             |
| CRR1            | ENEL ALBERTA CASTLE ROCK WIND FARM                  | 221       | 53          | FORT MACLEOD      | 3.90%             |
| CRS1            | ENMAX CROSSFIELD ENERGY CENTER                      | 503       | 57          | AIRDRIE           | 4.32%             |
| CRS2            | ENMAX CROSSFIELD ENERGY CENTER                      | 503       | 57          | AIRDRIE           | 4.58%             |
| CRS3            | ENMAX CROSSFIELD ENERGY CENTER                      | 503       | 57          | AIRDRIE           | 4.56%             |
| DAI1            | DIASHOWA  | 1089      | 19          | PEACE RIVER       | (9.89%)           |
| DOWGEN15M       | DOW GTG   | 61        | 33          | FORT SASKATCHEWAN | 3.40%             |
| DRW1            | DRYWOOD 1   | 4226      | 55          | GLENWOOD          | (1.93%)           |
| EAGL            | WHITE COURT   | 410       | 26          | SWAN HILLS        | 0.45%             |
| EC01            | CAVAILLIER  | 340       | 45          | STRATHMORE        | 1.25%             |
| EC04            | FOSTER CREEK G1                                     | 1301      | 28          | COLD LAKE         | 5.81%             |
| EGC1            | ENMAX SHEPARD ENERGY CENTRE                         | 772       | 6           | CALGARY           | 1.80%             |
| ENC1            | CLOVER BAR 1  | 516       | 60          | EDMONTON          | 3.44%             |
| ENC2            | CLOVER BAR 2  | 516       | 60          | EDMONTON          | 3.49%             |
| ENC3            | CLOVER BAR 3  | 516       | 60          | EDMONTON          | 3.49%             |
| FNG1            | FORT NELSON   | 2000      | 17          | RAINBOW LAKE      | (12.00%)          |
| GHO             | GHOST   | 180       | 44          | SEEBE             | (1.08%)           |
| GN1             | GENESEE 1   | 525       | 40          | LAKE WABAMUN      | 4.79%             |
| GN2             | GENESEE 2   | 525       | 40          | LAKE WABAMUN      | 4.70%             |
| GN3             | GENESEE 3   | 525       | 40          | LAKE WABAMUN      | 4.67%             |
| GPEC            | GRANDE PRAIRIE ECOPOWER CENTRE                      | 1101      | 20          | GRANDE PRAIRIE    | (12.00%)          |
| GWV1            | SODERGLEN   | 358       | 53          | FORT MACLEOD      | 4.09%             |
| HAL1            | CAPITAL POWER HALKIRK WIND PROJECT                  | 1435      | 42          | HANNA             | 3.60%             |
| HRM             | HR MILNER   | 1147      | 22          | GRANDE CACHE      | (12.00%)          |
| HSH             | HORSESHOE   | 171       | 44          | SEEBE             | (1.30%)           |
| IEW1            | SUMMERVIEW 1  | 336       | 53          | FORT MACLEOD      | 4.67%             |
| IEW2            | SUMMERVIEW 2  | 336       | 53          | FORT MACLEOD      | 4.85%             |
| INT             | INTERLAKES  | 376       | 44          | SEEBE             | 1.40%             |
| IOR1            | MAHKESES COLD LAKE                                  | 1303      | 28          | COLD LAKE         | 3.06%             |
| KAN             | KANANASKIS  | 193       | 44          | SEEBE             | (1.29%)           |

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| KH1             | KEEPHILLS #1   | 420       | 40          | LAKE WABAMUN      | 5.48%             |
| KH2             | KEEPHILLS #2   | 420       | 40          | LAKE WABAMUN      | 5.47%             |
| KH3             | KEEPHILLS #3   | 510       | 40          | LAKE WABAMUN      | 4.75%             |
| KHW1            | KETTLES HILL WIND ENERGY PHASE 2                                 | 402       | 53          | FORT MACLEOD      | 4.12%             |
| MEG1            | MEG ENERGY   | 405       | 25          | FORT MCMURRAY     | 4.42%             |
| MKR1            | MUSKEG   | 1236      | 25          | FORT MCMURRAY     | 7.47%             |
| MKRC            | MCKAY RIVER  | 1274      | 25          | FORT MCMURRAY     | 5.88%             |
| NEP1            | GHOST PINE WIND FARM   | 603       | 42          | HANNA             | 4.14%             |
| NOVAGEN15M      | NOVA JOFFRE  | 383       | 35          | RED DEER          | 1.43%             |
| 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        | (1.28%)           |
| NX01            | BALZAC   | 198       | 6           | CALGARY           | 0.80%             |
| NX02            | NEXEN OPTI   | 1241      | 25          | FORT MCMURRAY     | 6.91%             |
| OMRH            | OLDMAN   | 230       | 53          | FORT MACLEOD      | 2.41%             |
| OWF1            | ALBERTA WIND ENERGY OLD MAN RIVER WIND FARM                      | 543       | 53          | FORT MACLEOD      | 4.13%             |
| PH1             | POPLAR HILL  | 1118      | 20          | GRANDE PRAIRIE    | (12.00%)          |
| POC             | POCATERRA  | 329       | 44          | SEEBE             | 1.01%             |
| PR1             | PRIMROSE   | 800       | 28          | COLD LAKE         | 4.64%             |
| Proj_1348       | FORT HILLS SWITCHING STATION                                     | 1612      | 25          | FORT MCMURRAY     | 7.81%             |
| Proj_1578       | CARGILL CAMROSE CANOLA PLANT CO-GENERATION UNIT CONNECTION (BTF) | 4070      | 31          | WETASKIWIN        | (2.29%)           |
| Proj_1844       | FORTIS MAZEPPA GAS PLANT PHASE 2                                 | 4242      | 46          | HIGH RIVER        | (2.15%)           |
| RB5             | RAINBOW 5  | 83        | 17          | RAINBOW LAKE      | (12.00%)          |
| RUN             | RUNDLE   | 195       | 44          | SEEBE             | (1.62%)           |
| RYMD            | RAYMOND RESERVOIR  | 413       | 55          | GLENWOOD          | 2.87%             |
| SCL1            | SYNCRUDE   | 1200      | 25          | FORT MCMURRAY     | 8.25%             |
| SCR1            | SUNCOR MILLENIUM   | 1200      | 25          | FORT MCMURRAY     | 3.56%             |
| SCR2            | SUNCOR MAGRATH   | 251       | 55          | GLENWOOD          | 2.90%             |
| SCR3            | SUNCOR HILLRIDGE WIND FARM                                       | 389       | 54          | LETHBRIDGE        | 1.60%             |
| SCR4            | SUNCOR WINTERING HILLS WIND ENERGY PROJECT                       | 759       | 43          | SHEERNES          | 4.96%             |
| SCTG            | SHELL SCOTFORD   | 43        | 33          | FORT SASKATCHEWAN | 2.75%             |
| SD1             | SUNDANCE #1  | 135       | 40          | LAKE WABAMUN      | 5.83%             |
| SD2             | SUNDANCE #2  | 135       | 40          | LAKE WABAMUN      | 5.84%             |
| SD3             | SUNDANCE #3  | 135       | 40          | LAKE WABAMUN      | 5.80%             |
| SD4             | SUNDANCE #4  | 135       | 40          | LAKE WABAMUN      | 5.77%             |
| SD5             | SUNDANCE #5  | 135       | 40          | LAKE WABAMUN      | 5.65%             |
| SD6             | SUNDANCE #6  | 135       | 40          | LAKE WABAMUN      | 5.60%             |
| SH1             | SHEERNESS #1   | 1481      | 43          | SHEERNES          | 3.95%             |
| SH2             | SHEERNESS #2   | 1486      | 43          | SHEERNES          | 3.75%             |
| SLP1            | SLAVE LAKE PULP  | 1230      | 21          | HIGH PRAIRIE      |                   |
| SPR             | SPRAY  | 310       | 44          | SEEBE             | (1.20%)           |
| TAB1            | TABER WIND   | 343       | 52          | VAUXHALL          | 0.02%             |
| TAY1            | TAYLOR HYDRO   | 693       | 55          | GLENWOOD          | 1.56%             |
| TC01            | CARSELAND  | 5251      | 45          | STRATHMORE        | 0.97%             |
| TC02            | REDWATER   | 50        | 33          | FORT SASKATCHEWAN | 2.59%             |
| THS             | THREE SISTERS  | 379       | 44          | SEEBE             | (4.66%)           |
| VVW1            | VALLEYVIEW   | 1172      | 23          | VALLEYVIEW        | (1.83%)           |
| VVW2            | ATCO VALLEY VIEW 2   | 1172      | 23          | VALLEYVIEW        | (1.68%)           |
| WEY1            | P&G WEYERHAUSER  | 1140      | 20          | GRANDE PRAIRIE    | (12.00%)          |
| BCHIMP          | BC IMPORT  | 1520      | 15          | WSCC              | 2.76%             |
| MATLIMP         | MONTANA TIE LINE   | 80000     | 55          | GLENWOOD          | 3.31%             |
| SPCIMP          | SASKATCHEWAN IMPORT  | 1473      | 48          | EMPRESS           | 4.86%             |
| BCHEXP          | BC EXPORT  | 1520      | 15          | WSCC              | 0.60%             |
| MTEXP           | MONTANA TIE LINE EXPORT  | 80000     | 55          | GLENWOOD          |                   |
| SPCEXP          | SASKATCHEWAN EXPORT  | 1473      | 48          | EMPRESS           | 2.17%             |