

GB Seven Year Statement 2010
Appendix C
Power Flow Diagrams

FIGURES

Figure C.1.1 - SHETL Forecast Power Flows at Winter Peak, 2010/11

Figure C.1.2 - SHETL Forecast Power Flows at Winter Peak, 2011/12

Figure C.1.3 - SHETL Forecast Power Flows at Winter Peak, 2012/13

Figure C.1.4 - SHETL Forecast Power Flows at Winter Peak, 2013/14

Figure C.1.5 - SHETL Forecast Power Flows at Winter Peak, 2014/15

Figure C.1.6 - SHETL Forecast Power Flows at Winter Peak, 2015/16

Figure C.1.7 - SHETL Forecast Power Flows at Winter Peak, 2016/17

Figure C.2.1 - SPT Forecast Power Flows at Winter Peak, 2010/11

Figure C.2.2 - SPT Forecast Power Flows at Winter Peak, 2011/12

Figure C.2.3 - SPT Forecast Power Flows at Winter Peak, 2012/13

Figure C.2.4 - SPT Forecast Power Flows at Winter Peak, 2013/14

Figure C.2.5 - SPT Forecast Power Flows at Winter Peak, 2014/15

Figure C.2.6 - SPT Forecast Power Flows at Winter Peak, 2015/16

Figure C.2.7 - SPT Forecast Power Flows at Winter Peak, 2016/17

Figure C.3.1 - NGET Forecast Power Flows at Winter Peak, 2010/11

Figure C.3.2 - NGET Forecast Power Flows at Winter Peak, 2011/12

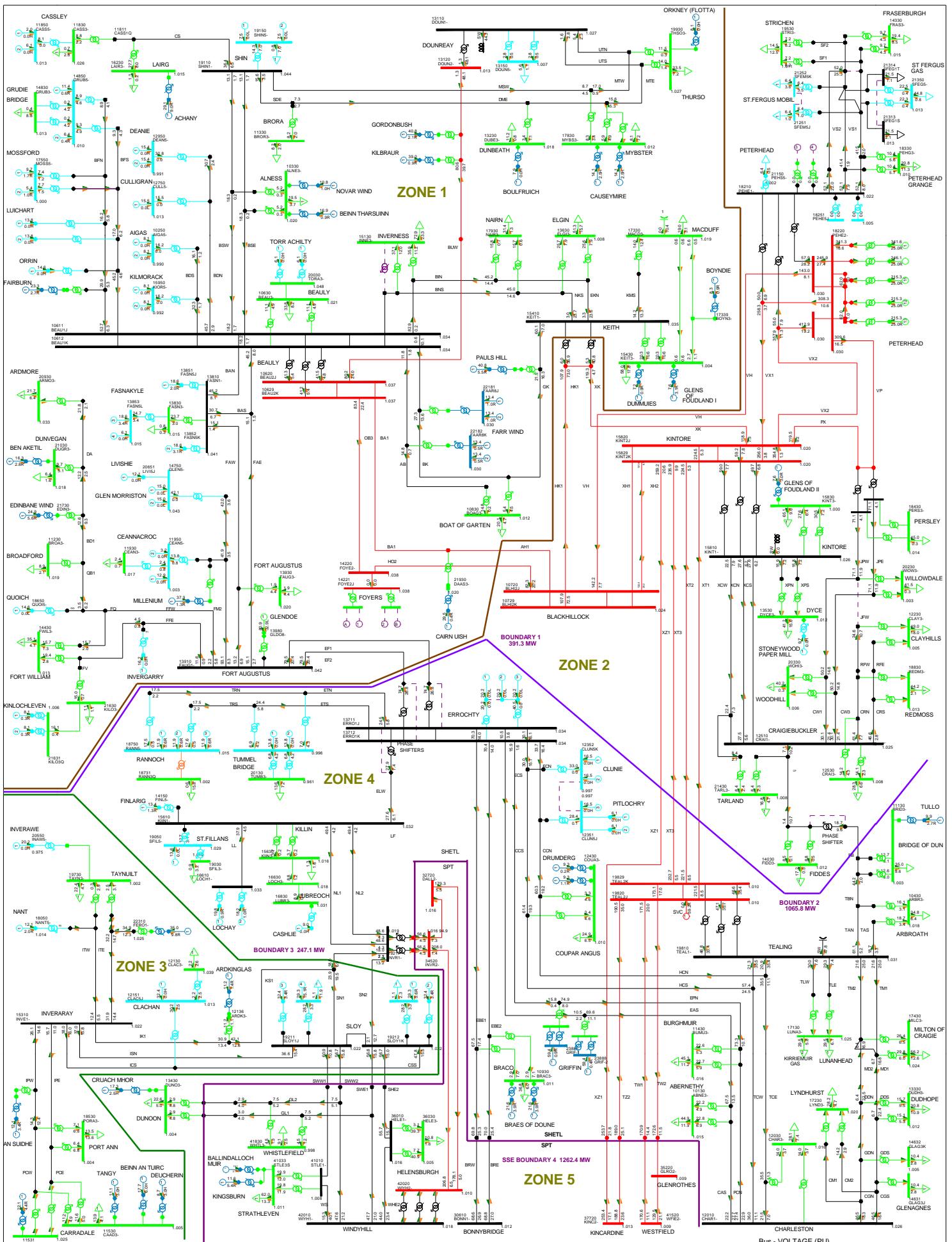
Figure C.3.3 - NGET Forecast Power Flows at Winter Peak, 2012/13

Figure C.3.4 - NGET Forecast Power Flows at Winter Peak, 2013/14

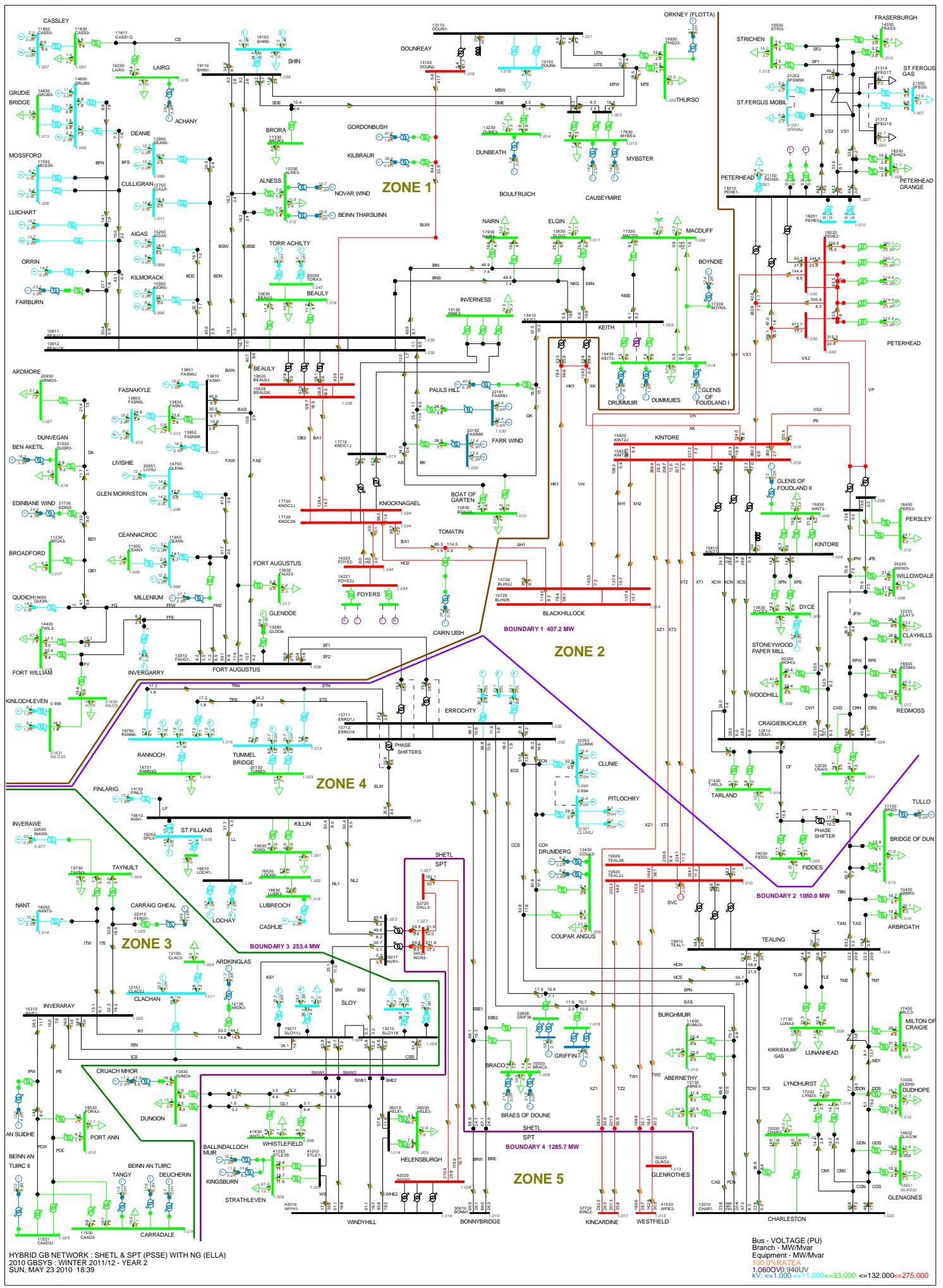
Figure C.3.5 - NGET Forecast Power Flows at Winter Peak, 2014/15

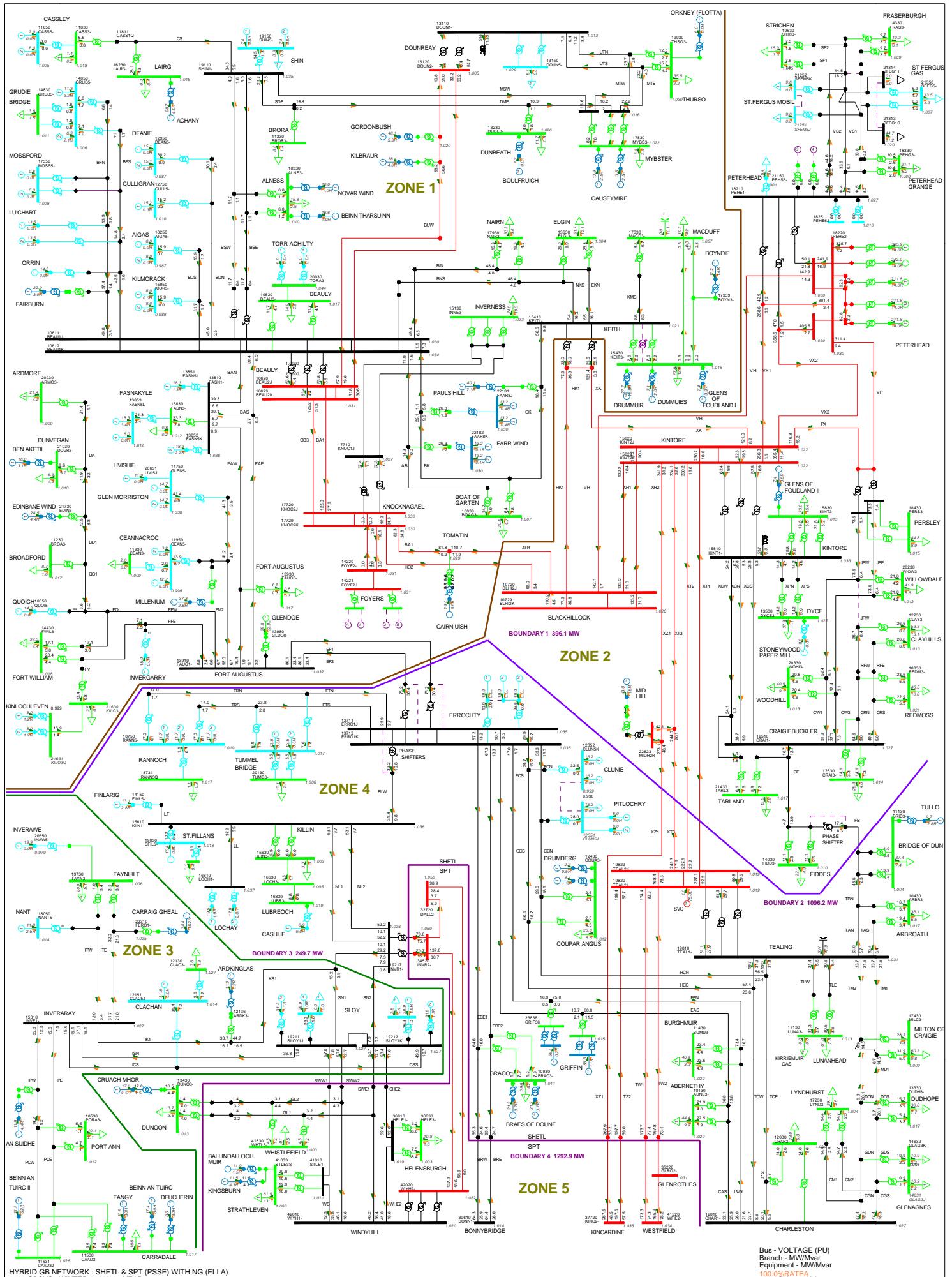
Figure C.3.6 - NGET Forecast Power Flows at Winter Peak, 2015/16

Figure C.3.7 - NGET Forecast Power Flows at Winter Peak, 2016/17



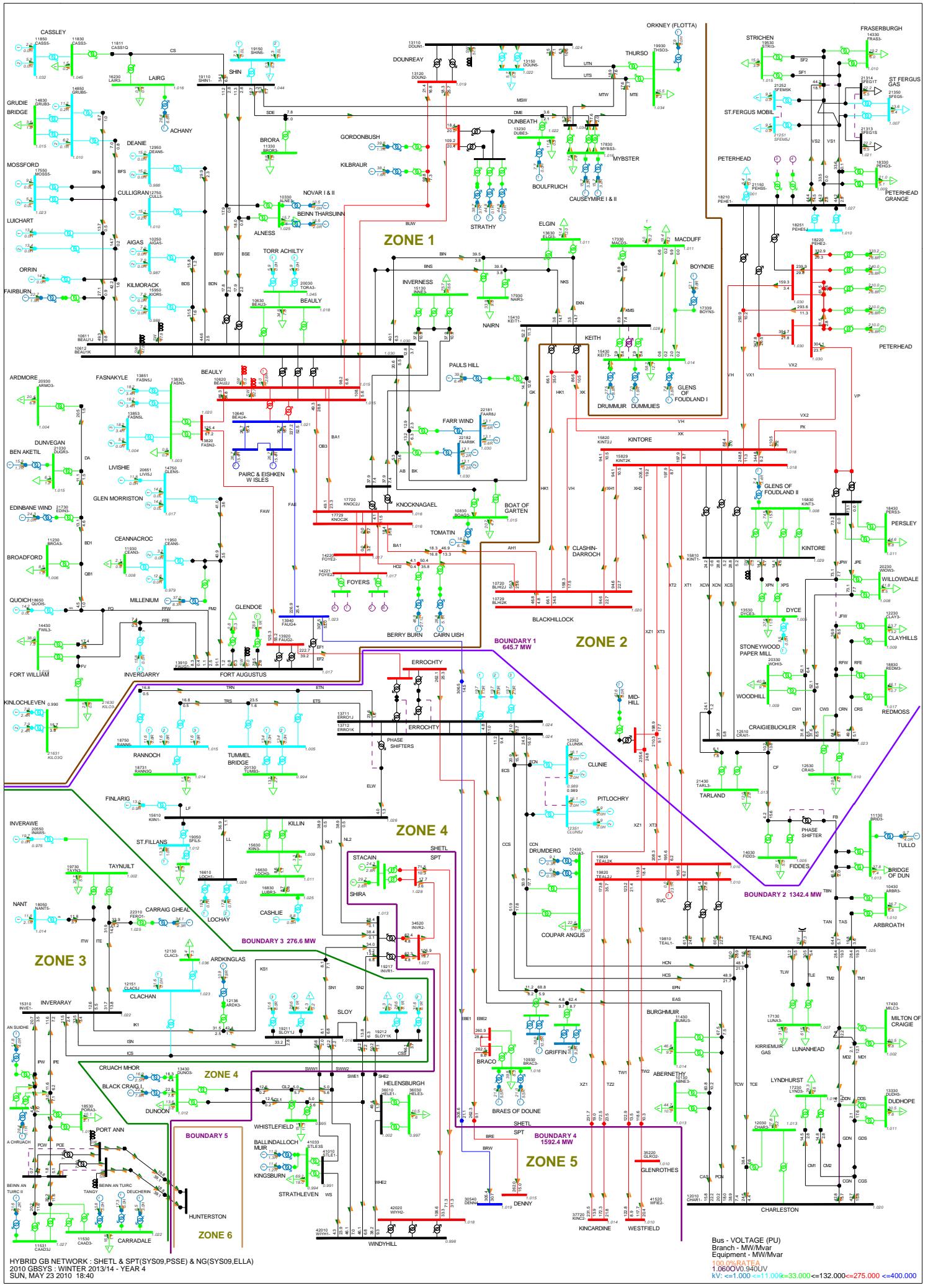
Bus - VOLTAGE (PU)
Branch - MVA
Equipment - MW/Mvar
Equipment Rate - 100.000 MVA
1.060V 0.940V
KV: <=1.000 <=11.000 <=33.000 <=132.000 <=275.000

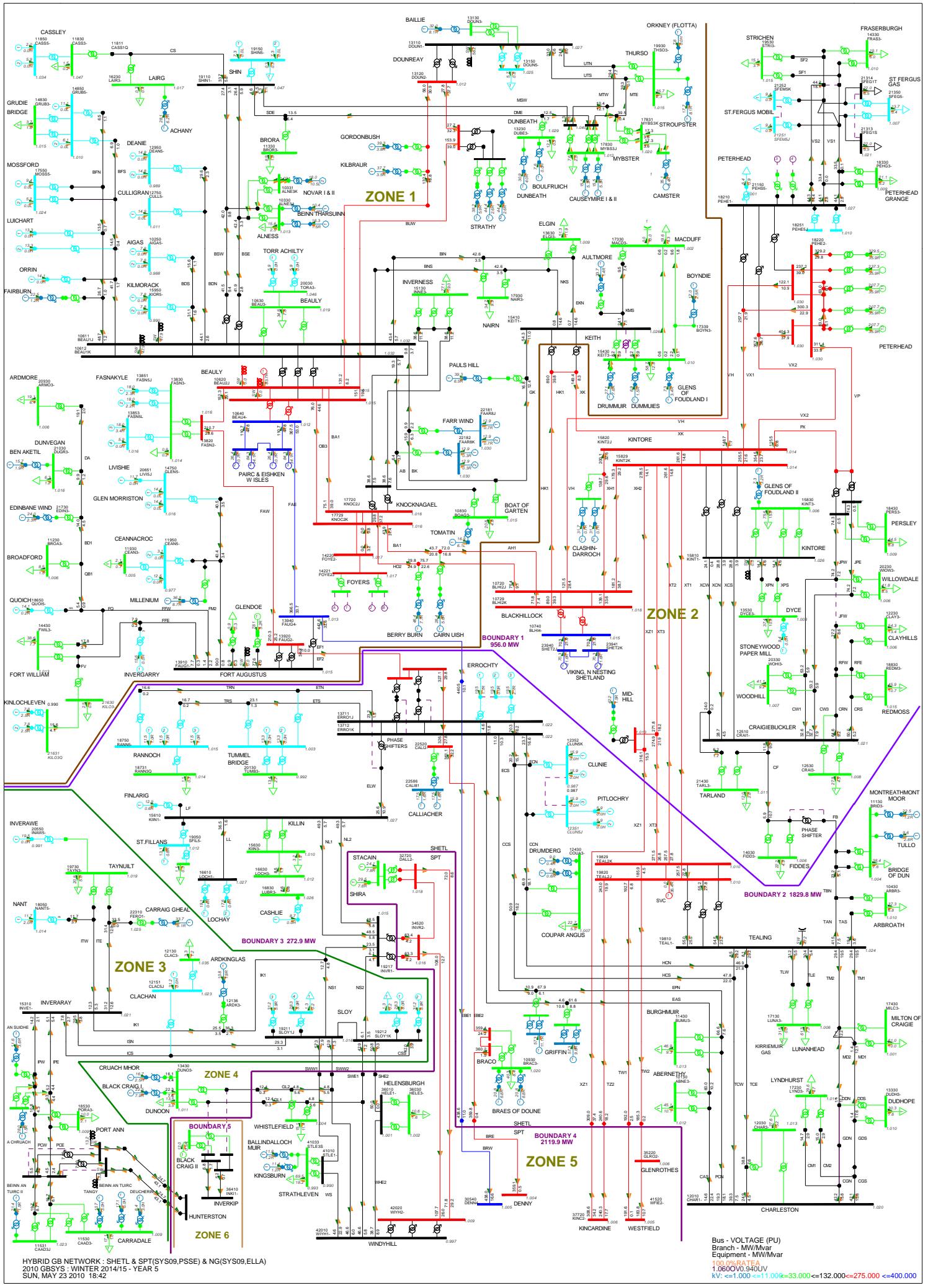


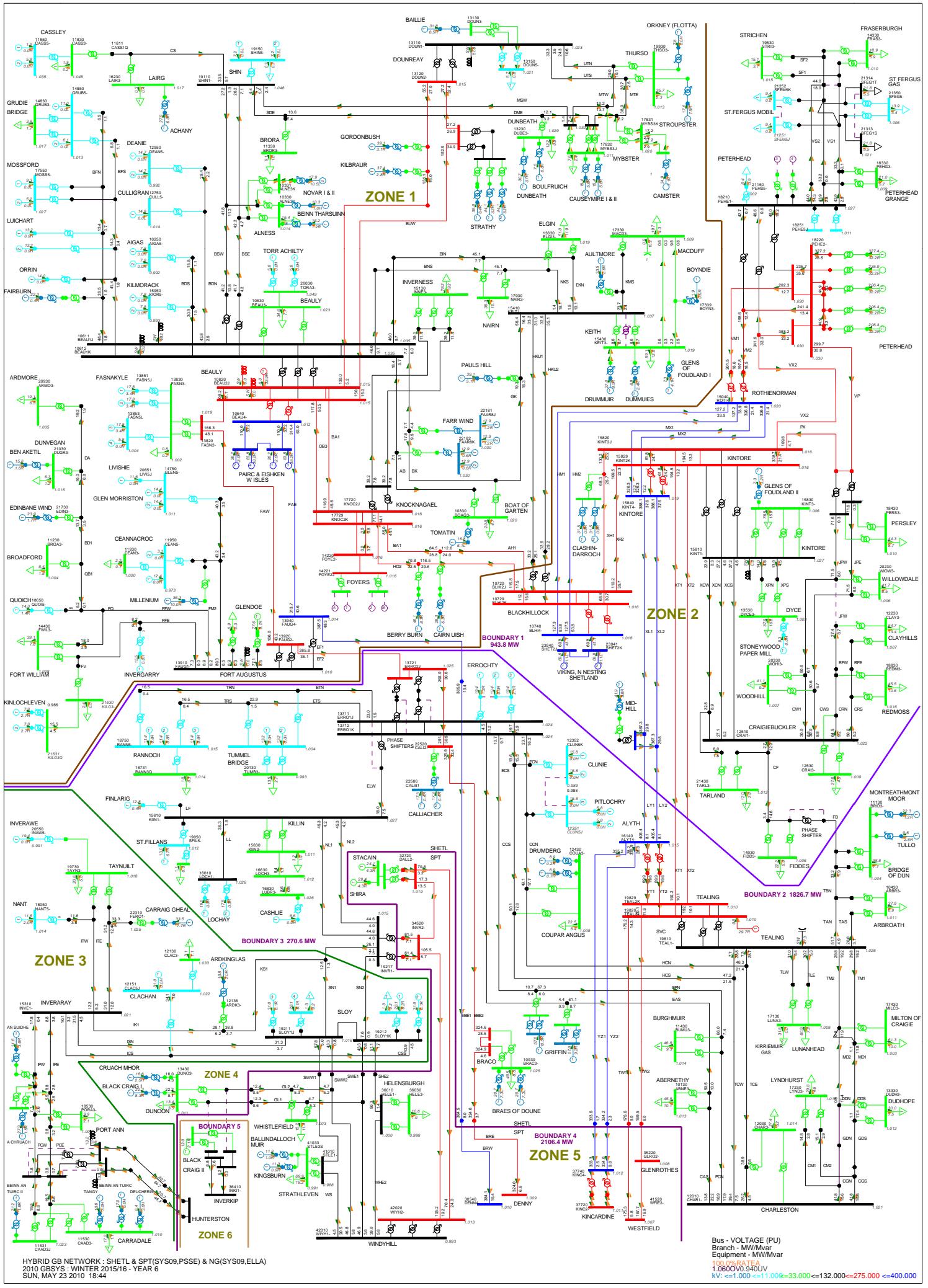


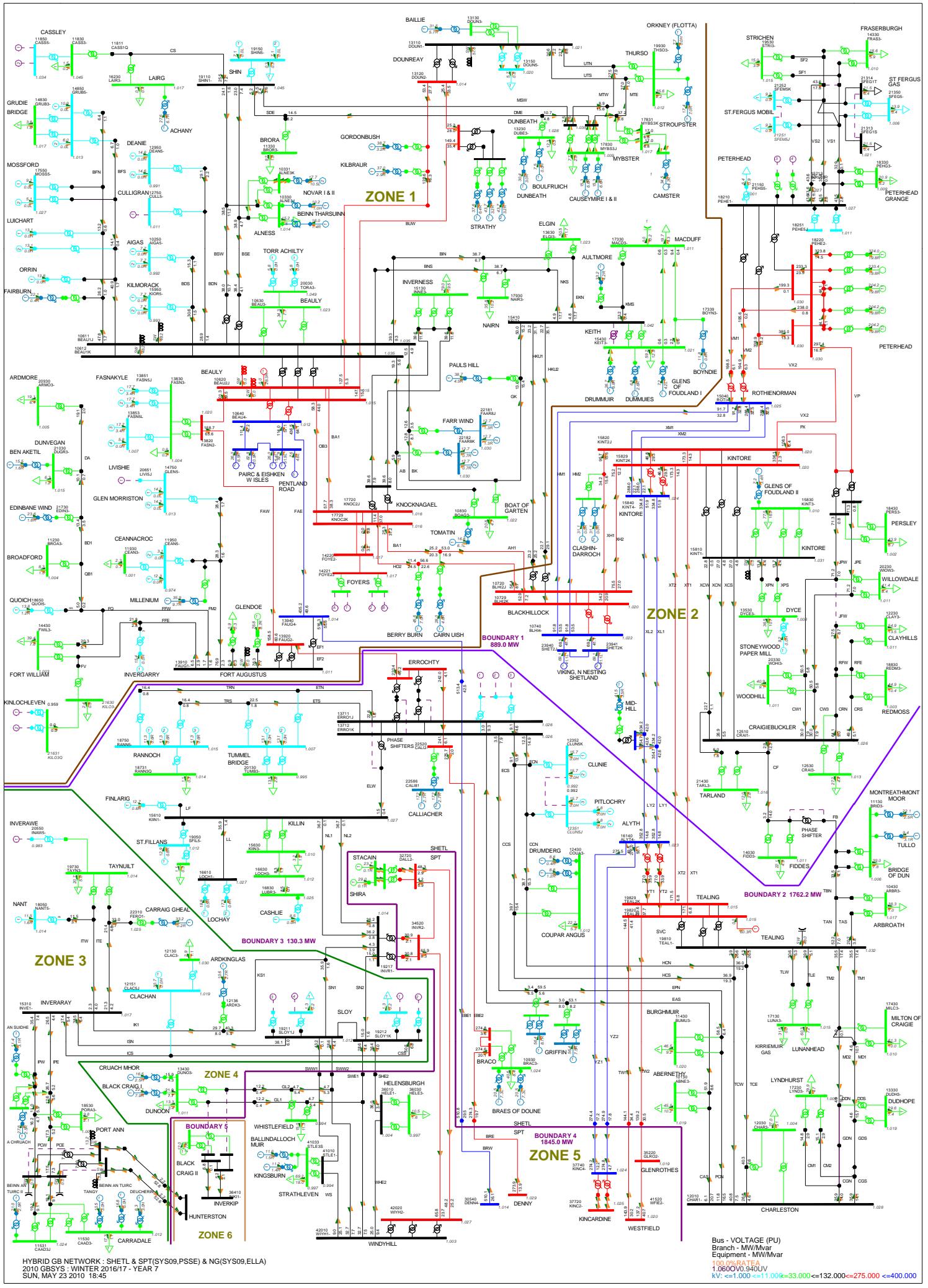
HYBRID GB NETWORK : SHETL & SPT (PSSE) WITH NG (ELLA)
2010 GBGSY : WINTER 2012/13 - YEAR 3
SUN, MAY 23 2010 18:39

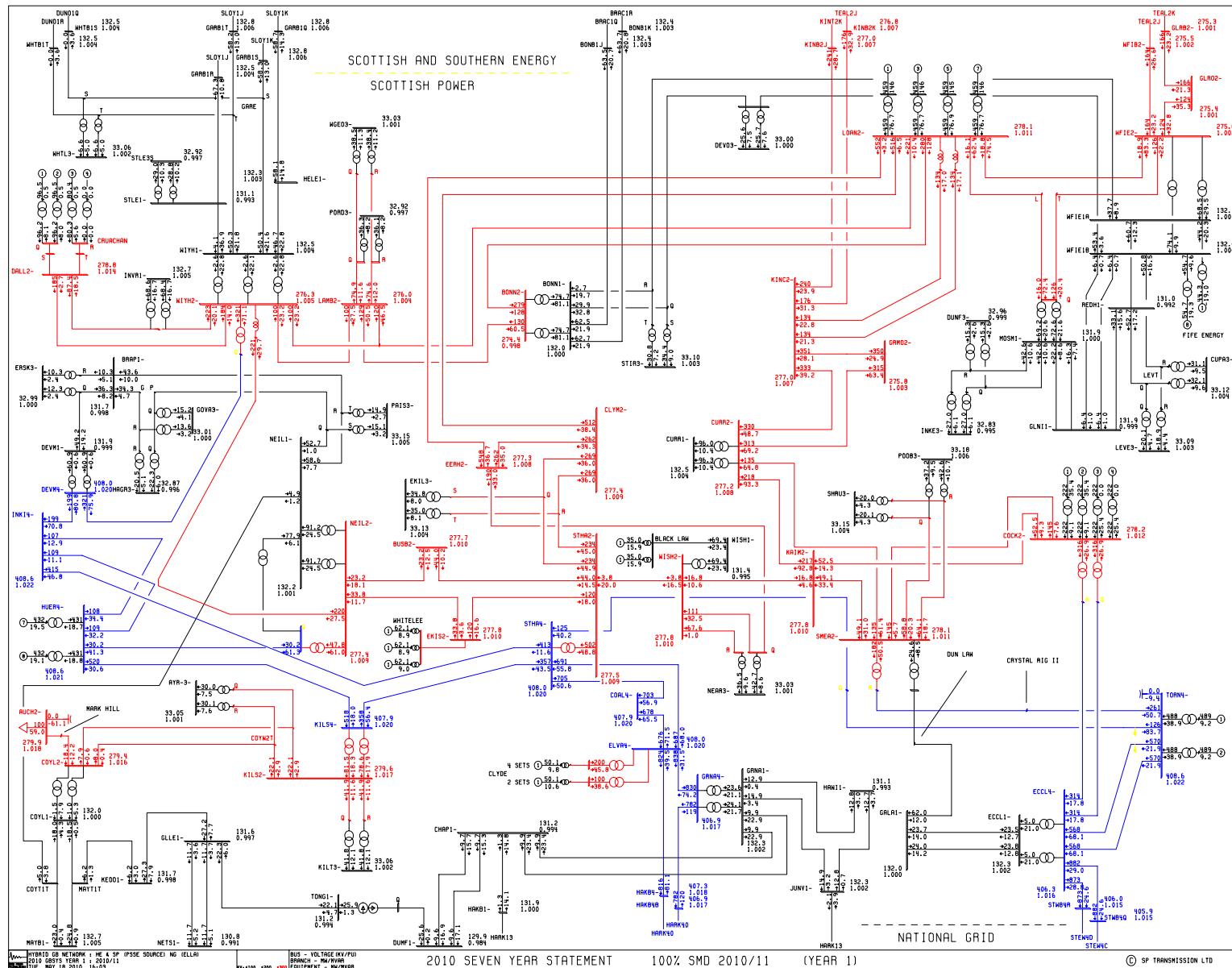
Bus - VOLTAGE (PU)
Branch - MW/Mvar
Equipment - MV/Mvar
100% RATED
1.0600V/0.9400V
KV: <1.000 <1.100 <33.000 <132.000 <275.000

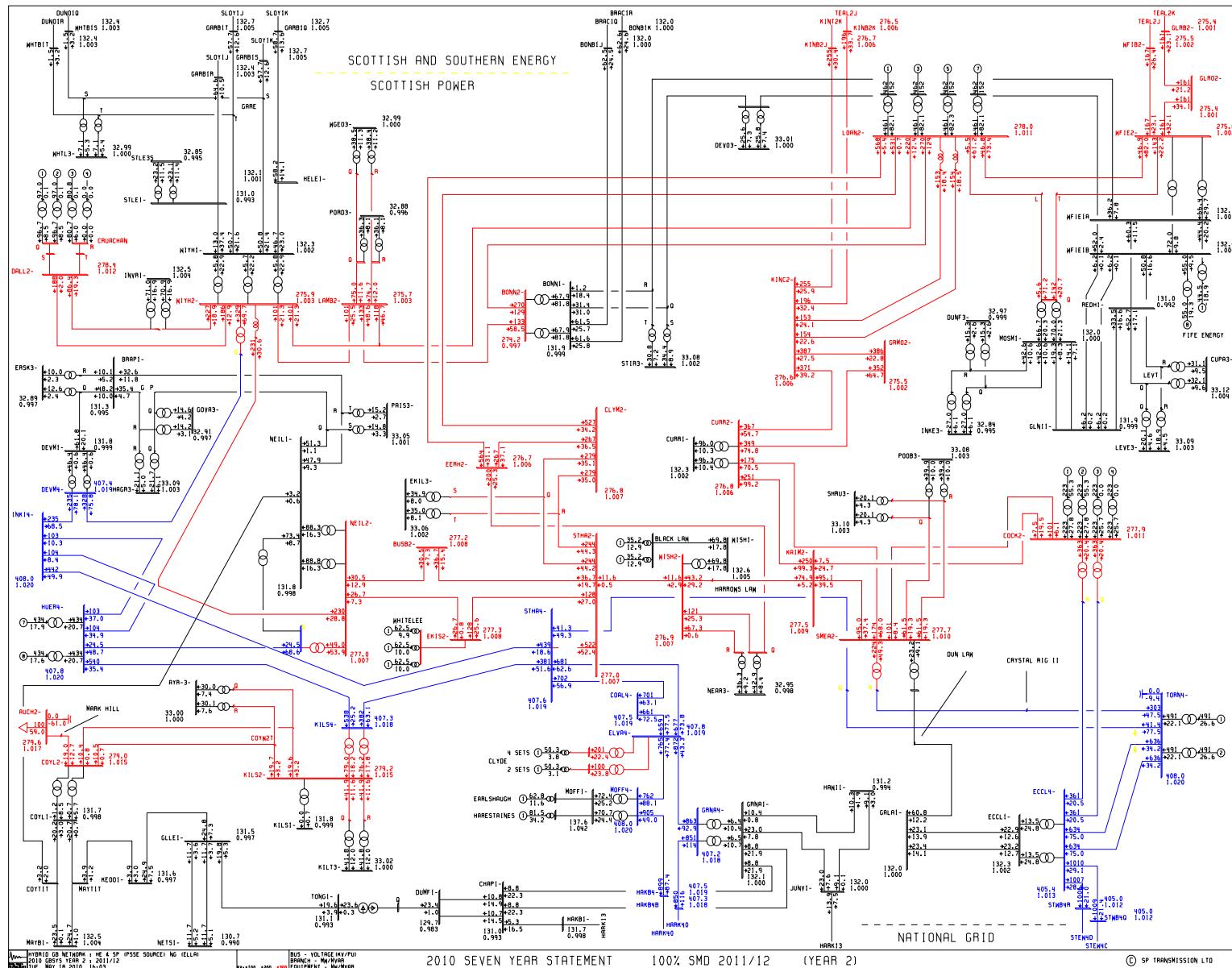


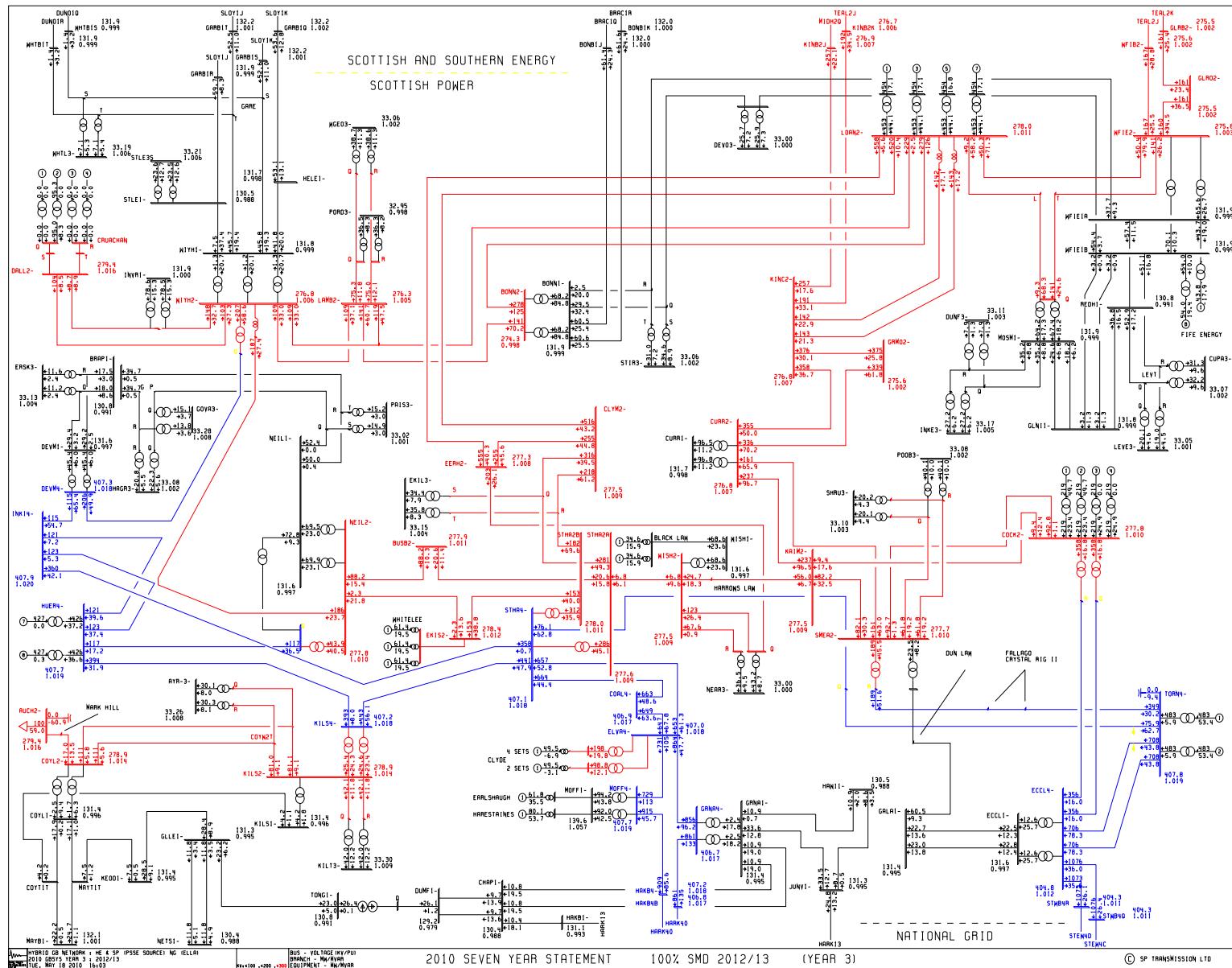


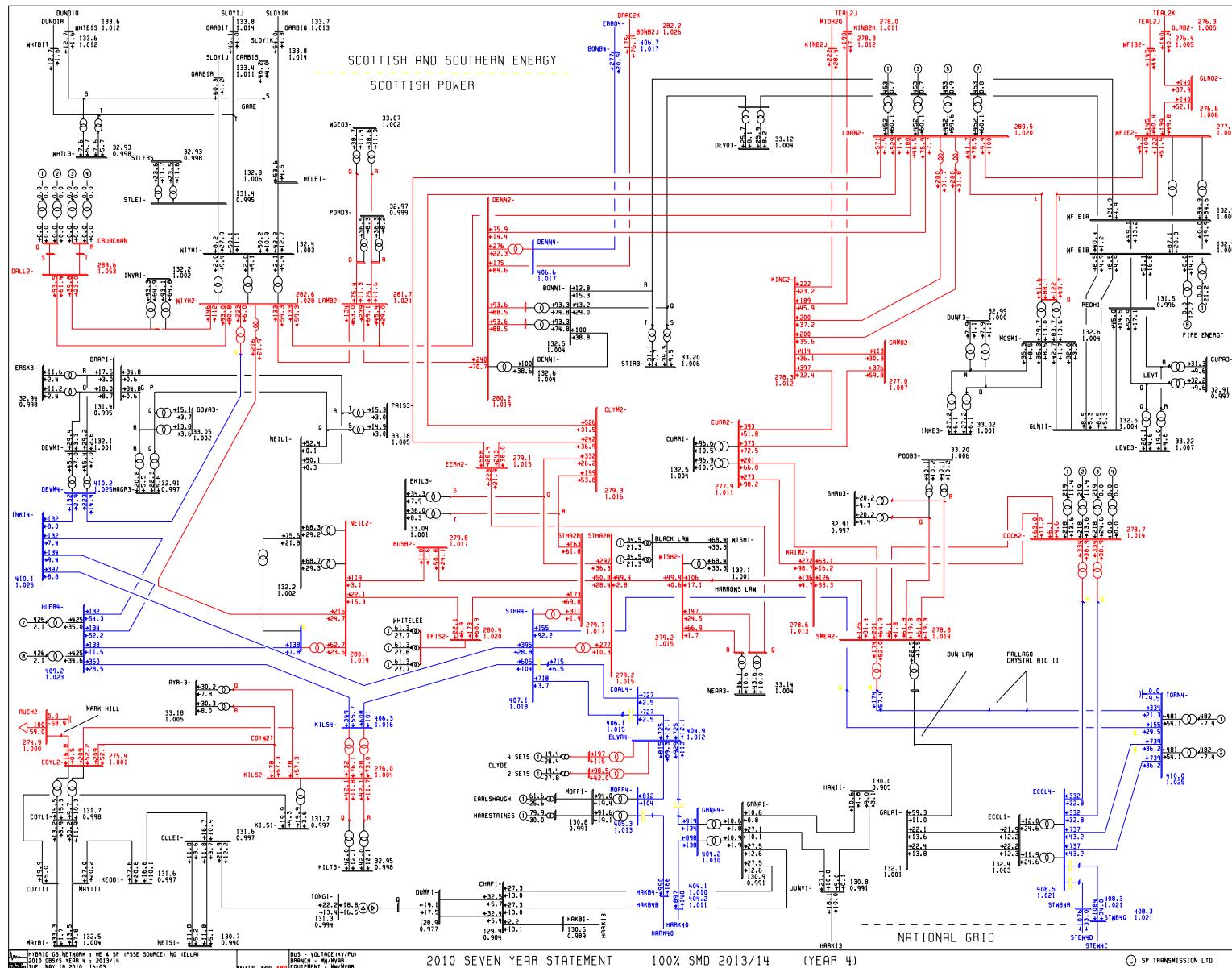


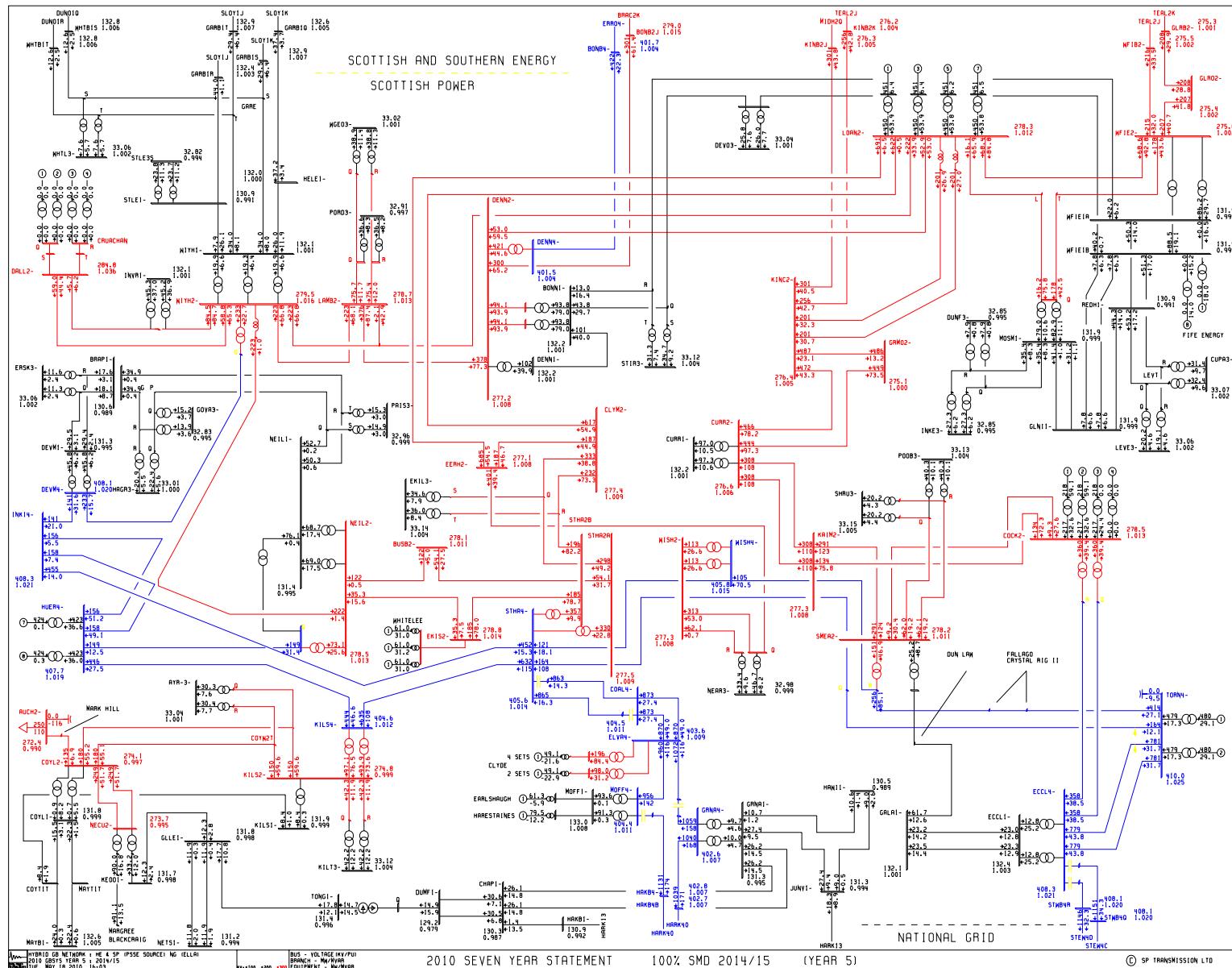


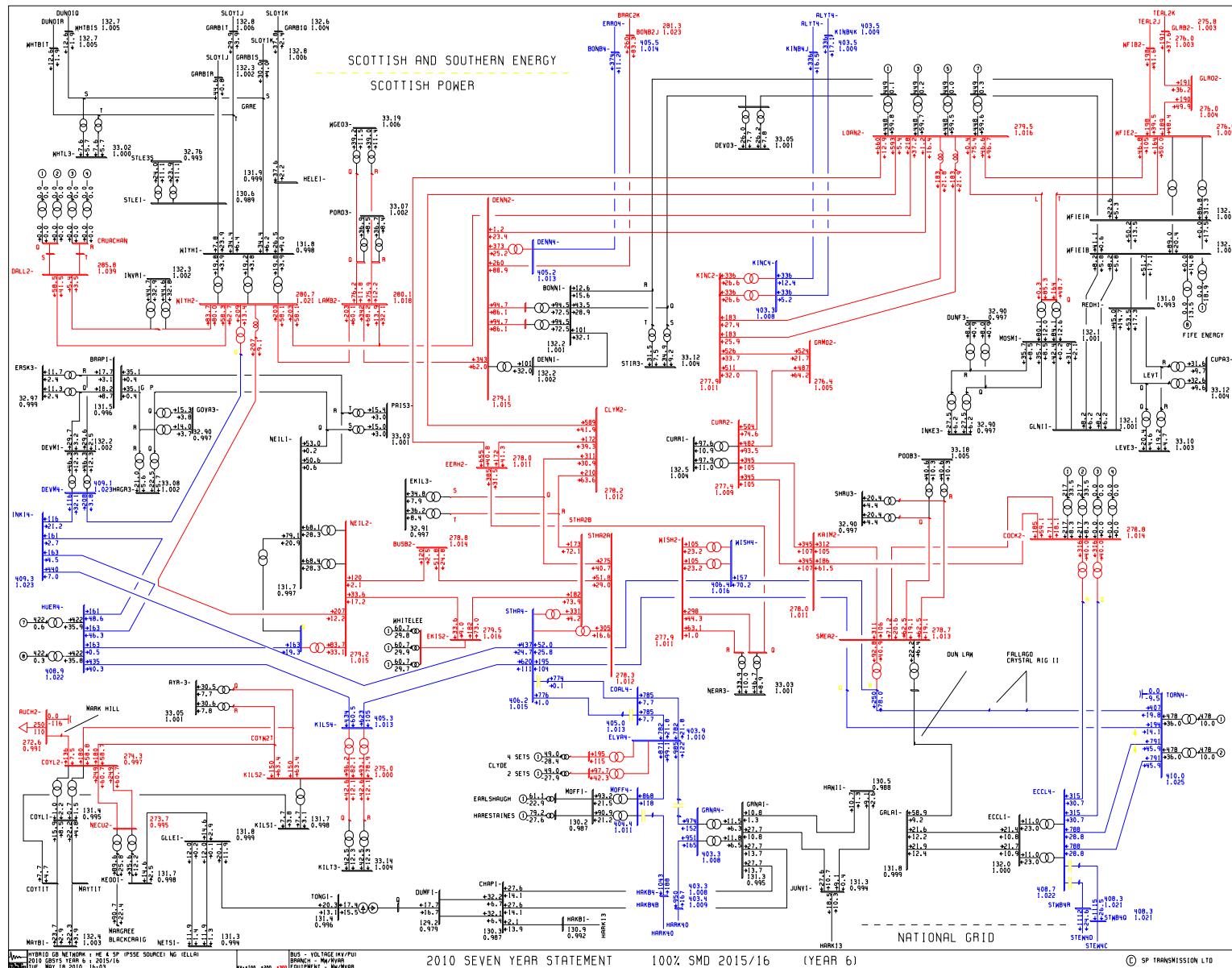


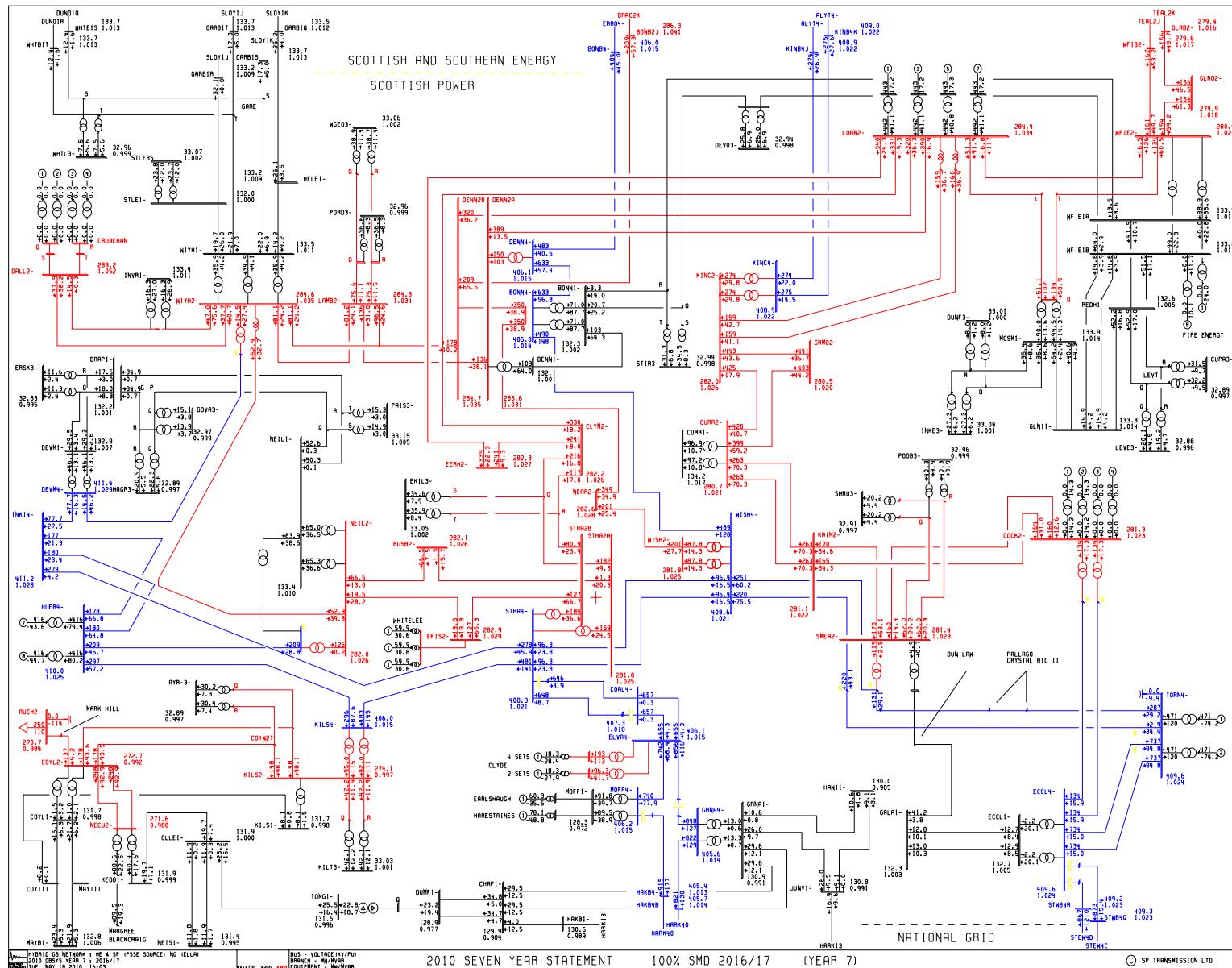




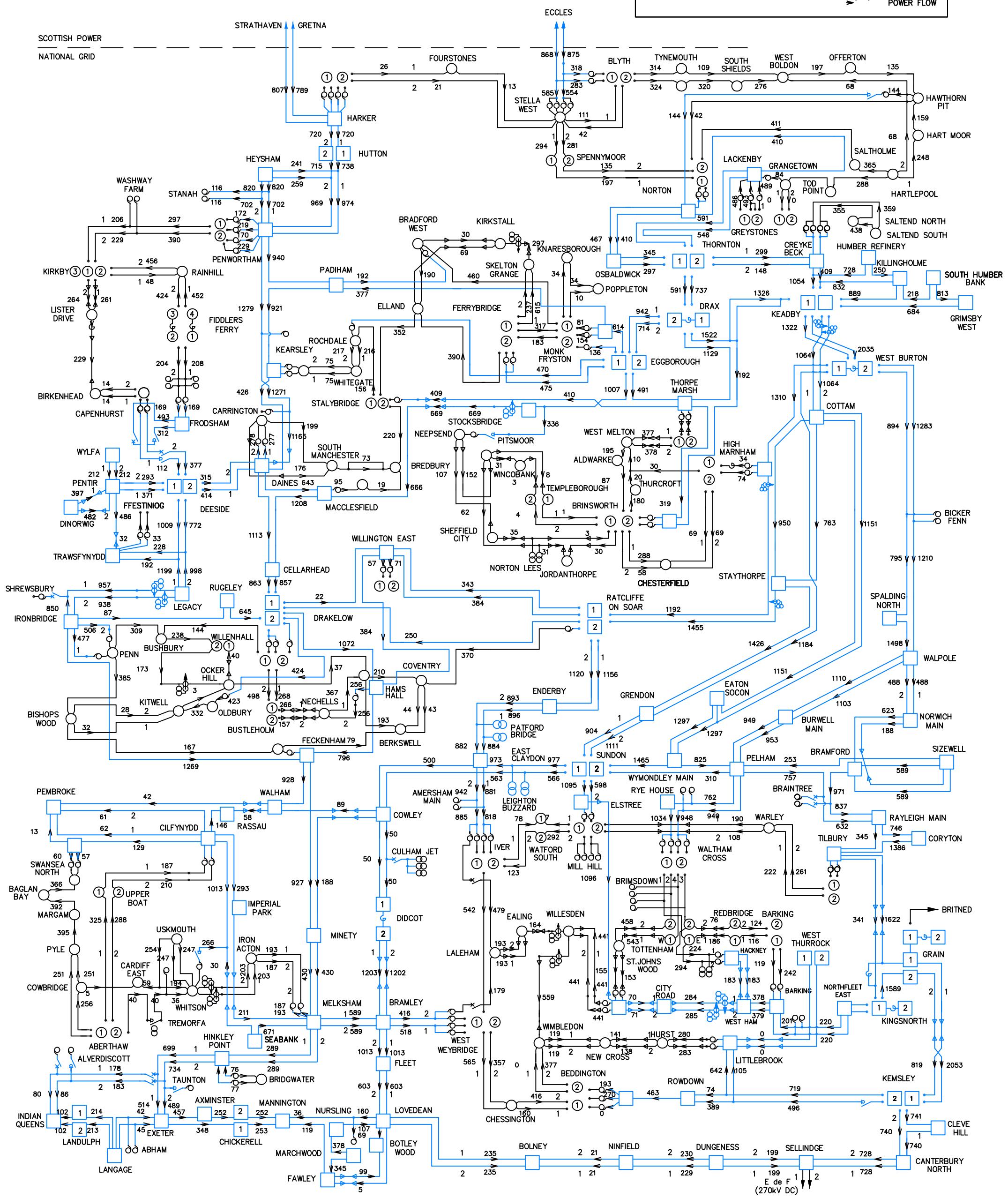
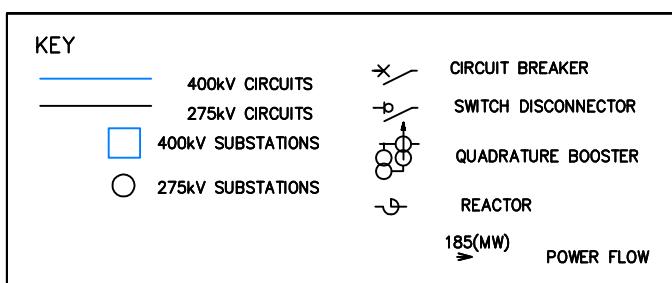




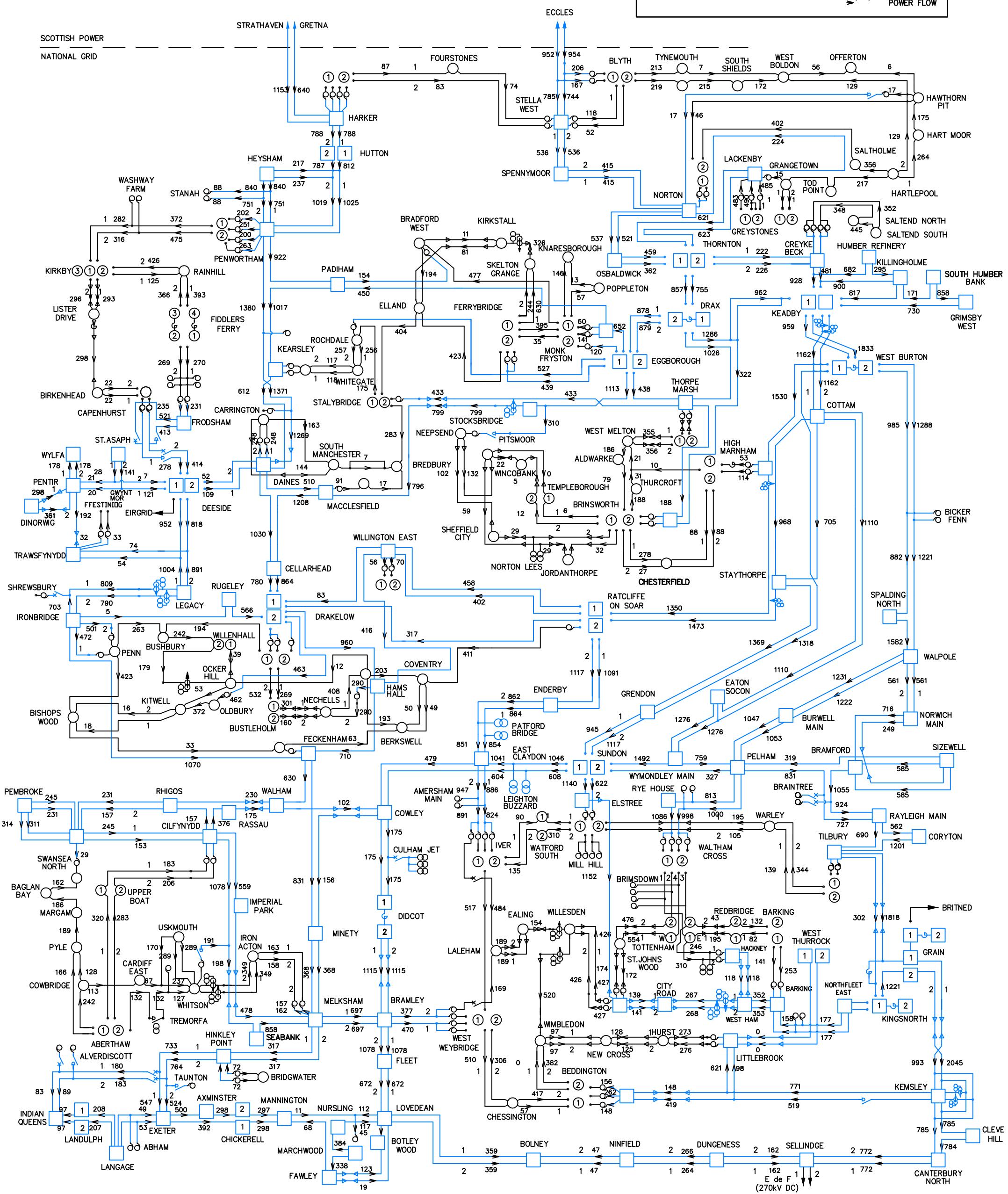
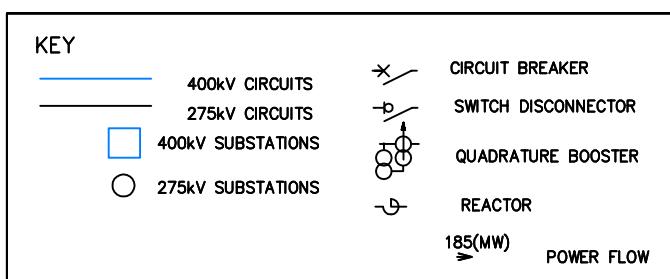




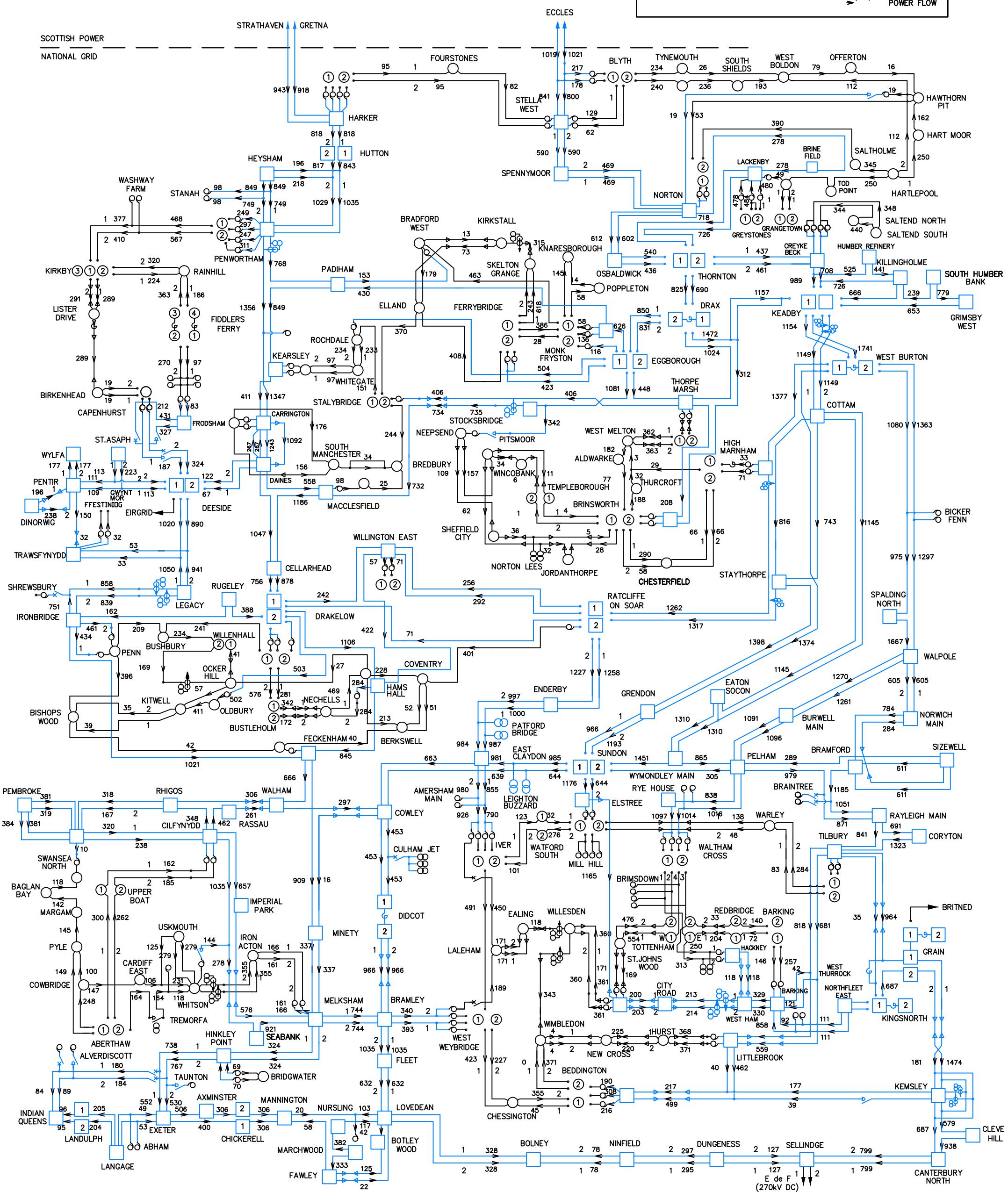
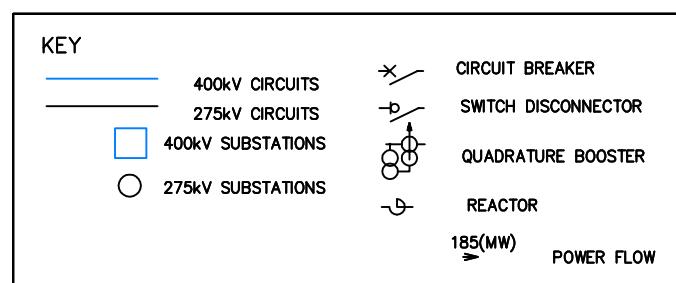
GB SYS FIG C.3.1 NGET FORECAST POWER FLOWS AT WINTER PEAK – 2010/11



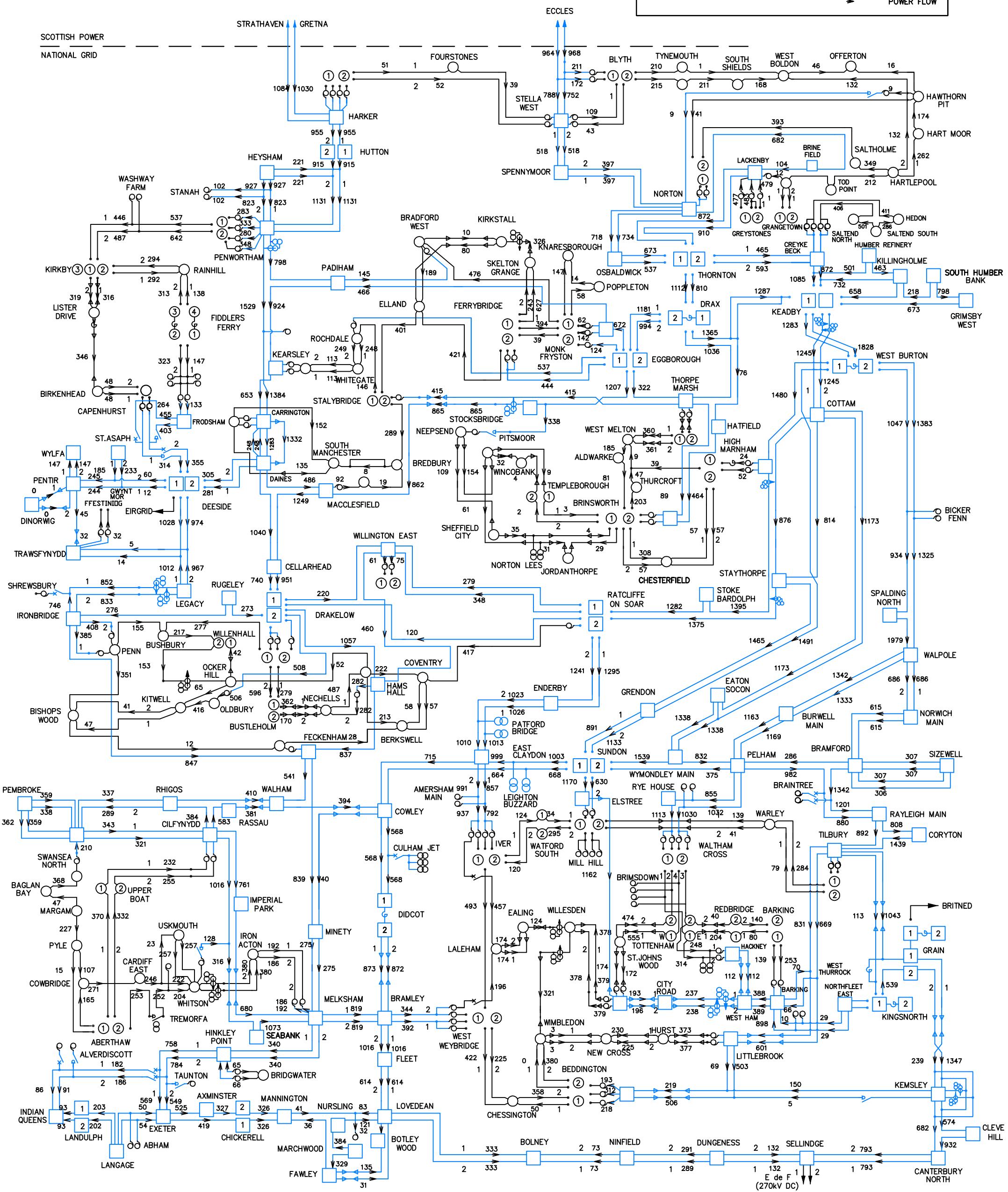
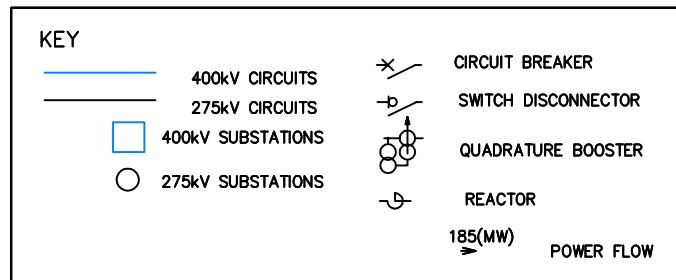
GB SYS FIG C.3.2 NGET FORECAST POWER FLOWS AT WINTER PEAK – 2011/12



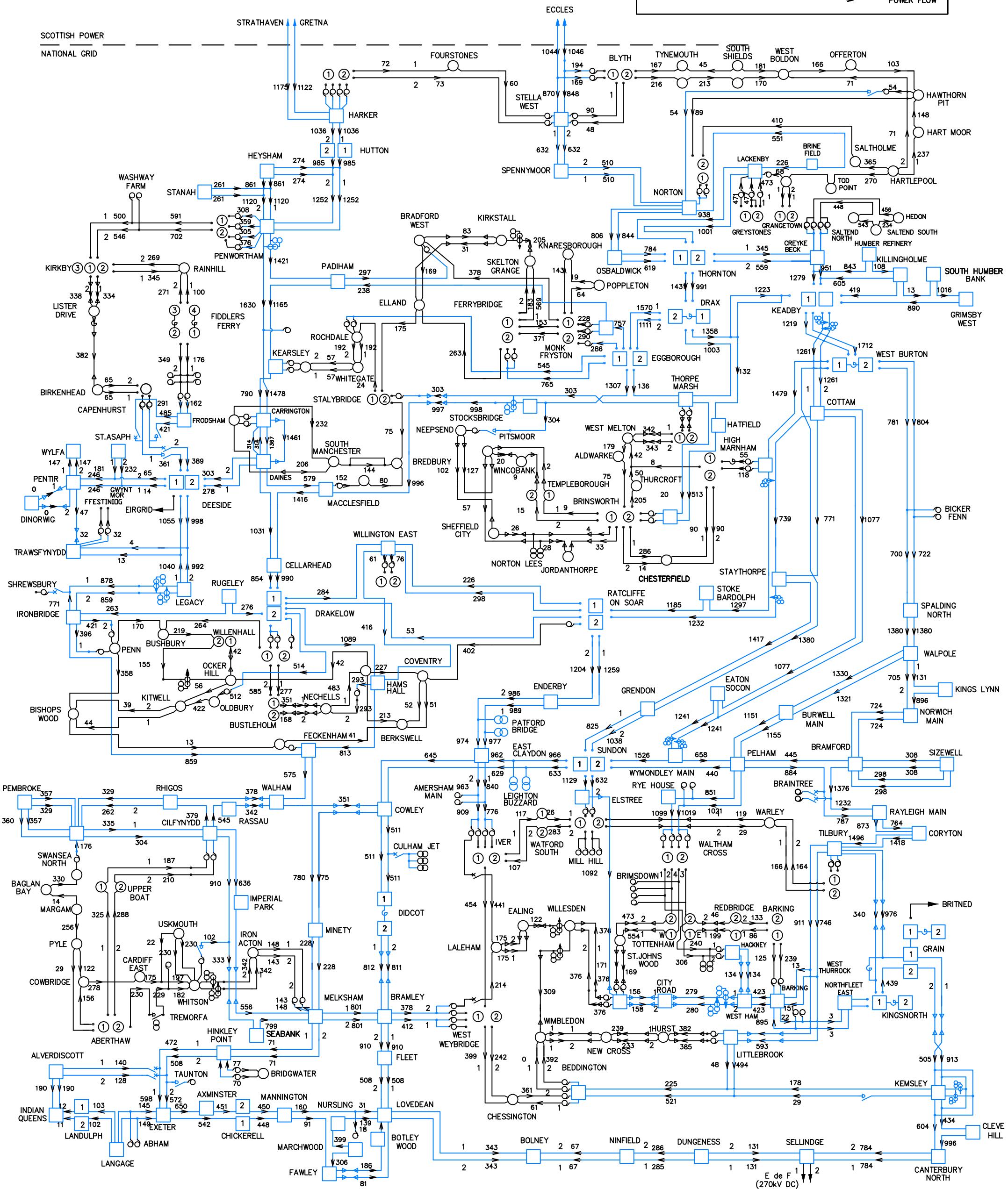
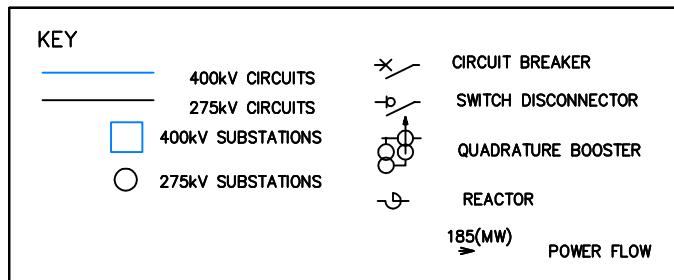
GB SYS FIG C.3.3 NGET FORECAST POWER FLOWS AT WINTER PEAK – 2012/13



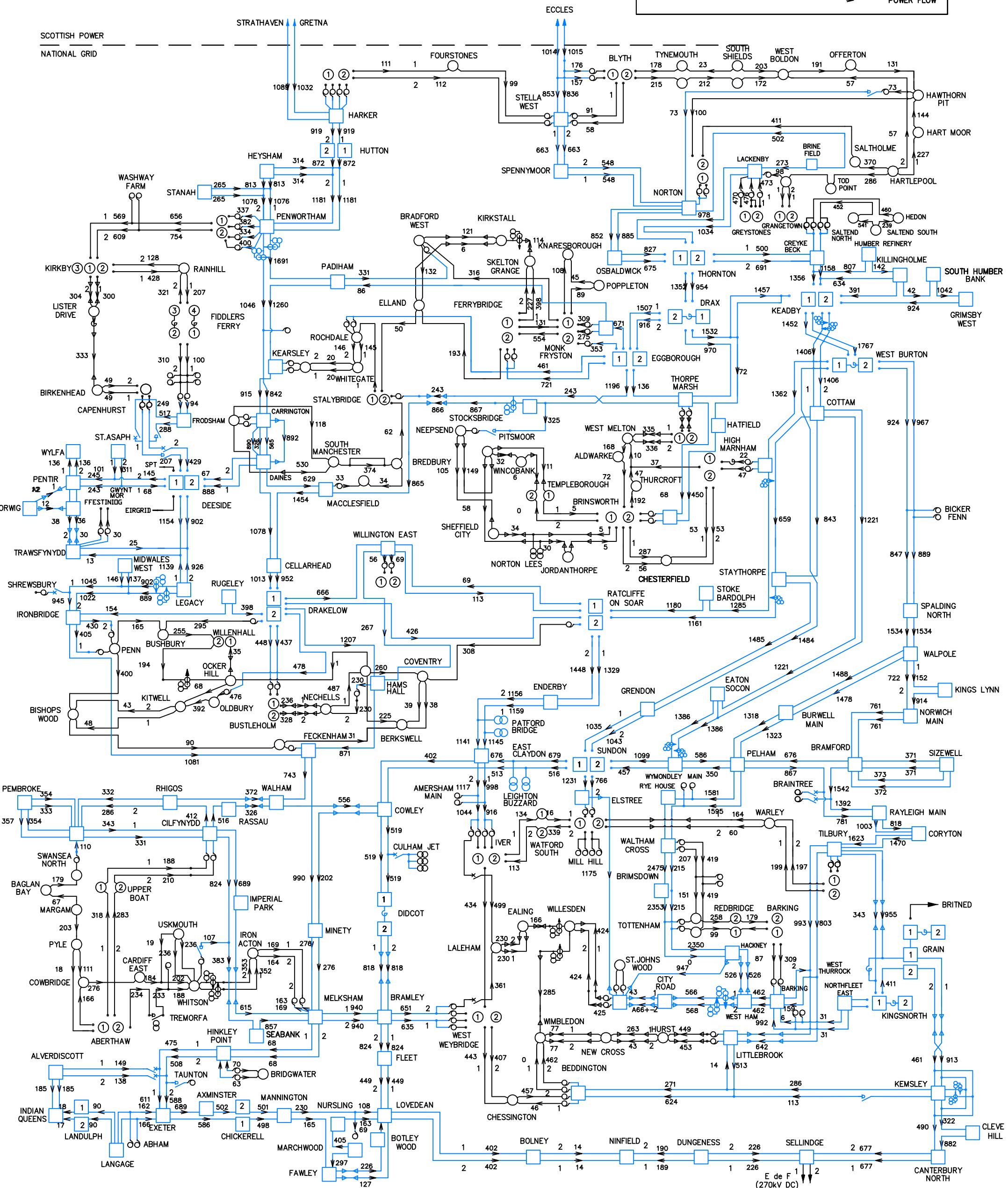
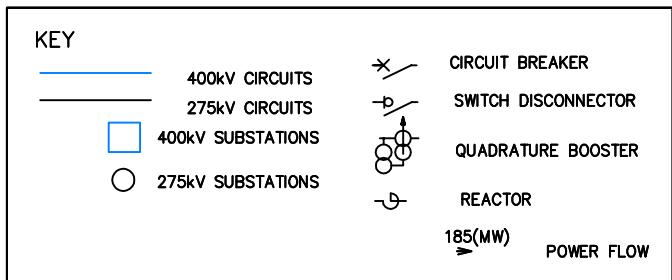
GB SYS FIG C.3.4 NGET FORECAST POWER FLOWS AT WINTER PEAK – 2013/14



GB SYS FIG C.3.5 NGET FORECAST POWER FLOWS AT WINTER PEAK – 2014/15



GB SYS FIG C.3.6 NGET FORECAST POWER FLOWS AT WINTER PEAK – 2015/16



GB SYS FIG C.3.7 NGET FORECAST POWER FLOWS AT WINTER PEAK – 2016/17

