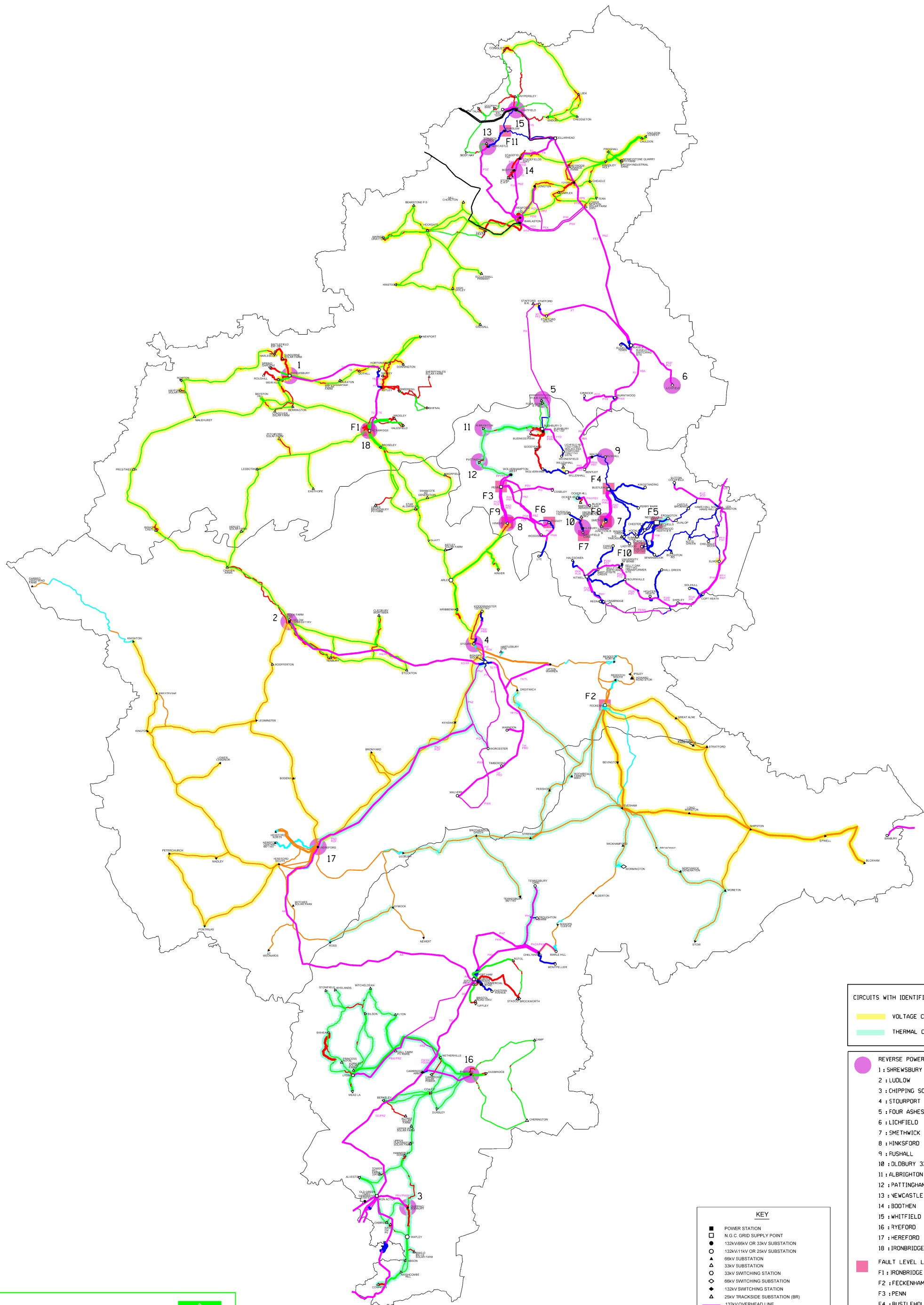


WEST MIDLANDS DISTRIBUTED GENERATION CONSTRAINT MAP



CIRCUITS WITH IDENTIFIED CONSTRAINTS:-

- VOLTAGE CONSTRAINT
- THERMAL OVERLOAD

- REVERSE POWER FLOW
- 1 : SHREWSBURY
 - 2 : LUDLOW
 - 3 : CHIPPING SODBURY
 - 4 : STOURPORT
 - 5 : FOUR ASHES
 - 6 : LICHFIELD
 - 7 : SMETHWICK
 - 8 : HINKSFORD
 - 9 : FUSHALL
 - 10 : OLDBURY 33kV
 - 11 : ALBRIGHTON
 - 12 : PATTINGHAM
 - 13 : NEWCASTLE
 - 14 : BOOTHEN
 - 15 : WHITFIELD
 - 16 : RYEFOOD
 - 17 : HEREFORD
 - 18 : IRONBRIDGE
- FAULT LEVEL LIMITATION
- F1 : IRONBRIDGE
 - F2 : FECKENHAM
 - F3 : PENN
 - F4 : BUSTLEHOLM
 - F5 : NECHILLS
 - F6 : DUDLEY
 - F7 : BIRCHFIELD LANE
 - F8 : SMETHWICK
 - F9 : HINKSFORD
 - F10 : CHEAPSIDE
 - F11 : BURSLEM

KEY

- POWER STATION
- N.G.C. GRID SUPPLY POINT
- 132kV/66kV OR 33kV SUBSTATION
- 132kV/11kV OR 25kV SUBSTATION
- 66kV SUBSTATION
- 33kV SUBSTATION
- 33kV SWITCHING STATION
- 66kV SWITCHING STATION
- 132kV SWITCHING STATION
- 25kV TRACKSIDE SUBSTATION (BR)
- 132kV OVERHEAD LINE
- 132kV UNDERGROUND CABLE
- 66kV OVERHEAD LINE
- 66kV UNDERGROUND CABLE
- 33kV OVERHEAD LINE
- 33kV UNDERGROUND CABLE
- OTHER NETWORK OPERATORS' CIRCUITS
- 25kV CIRCUITS