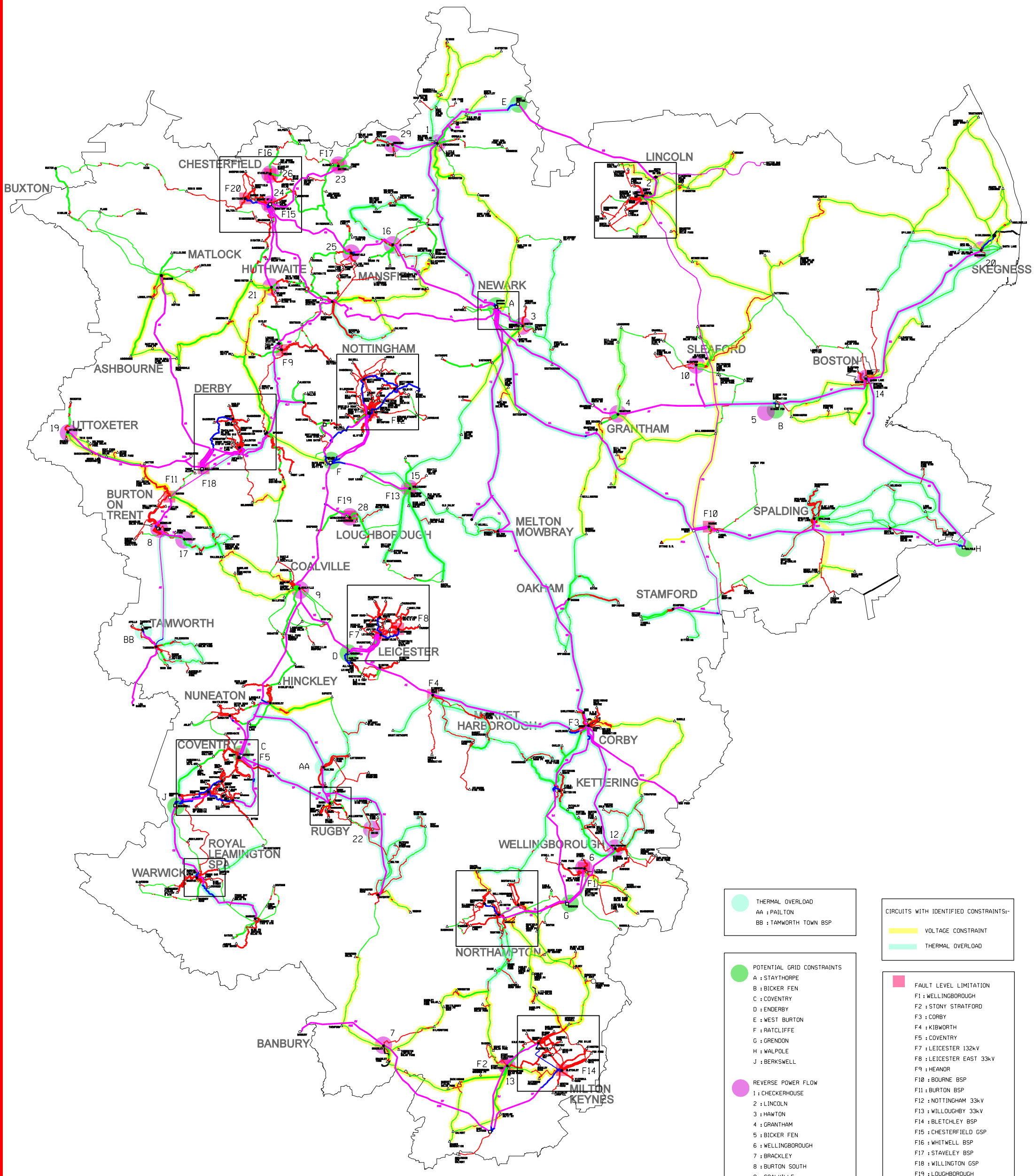
EAST MIDLANDS DISTRIBUTED GENERATION CONSTRAINT MAP



THERMAL OVERLOAD
AA : PAILTON
BB : TAMWORTH TOWN BSP

POTENTIAL GRID CONSTRAINTS
A : STAYTHORPE
B : BICKER FEN
C : COVENTRY
D : ENDERBY
E : WEST BURTON
F : RATCLIFFE
G : GRENDON
H : WALPOLE
J : BERKSWELL

REVERSE POWER FLOW
1 : CHECKERHOUSE
2 : LINCOLN
3 : HAWTON
4 : GRANTHAM
5 : BICKER FEN
6 : WELLINGBOROUGH
7 : BRACKLEY
8 : BURTON SOUTH
9 : COALVILLE
10 : SLEAFORD
12 : IRTHLINGBOROUGH
13 : STONY STRATFORD
14 : BOSTON
15 : WILLOUGHBY
16 : CLIPSTONE
17 : GRESLEY
19 : UTTOXETER
20 : SKEGNESS
21 : ALFRETON
22 : CRICK
23 : WHITWELL
24 : CHESTERFIELD
25 : MANSFIELD
26: STAVELEY
28 : LOUGHBOROUGH
29 : WORKSOP BSP

CIRCUITS WITH IDENTIFIED CONSTRAINTS:-
VOLTAGE CONSTRAINT
THERMAL OVERLOAD

FAULT LEVEL LIMITATION
F1 : WELLINGBOROUGH
F2 : STONY STRATFORD
F3 : CORBY
F4 : KIBWORTH
F5 : COVENTRY
F7 : LEICESTER 132kV
F8 : LEICESTER EAST 33kV
F9 : HEANOR
F10 : BOURNE BSP
F11 : BURTON BSP
F12 : NOTTINGHAM 33kV
F13 : WILLOUGHBY 33kV
F14 : BLETCHLEY BSP
F15 : CHESTERFIELD GSP
F16 : WHITWELL BSP
F17 : STAVELEY BSP
F18 : WILLINGTON GSP
F19 : LOUGHBOROUGH
F20 : GOITSIDE BSP

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 SUBSTATION
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

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