

BONSMARA SEF: SUBTATIONS		
COORDINATES AT CENTRE POINTS (DD MM SS.sss)		
Site	SOUTH	EAST
MAIN SUBSTATION	27°46'10.08"S	27°18'34.64"E
SWITCHING STATION FOR PREFERRED POWERLINE (EXISTING)	27°47'0.23"S	27°18'33.48"E
SWITCHING STATION FOR ALTERNATIVE POWERLINE	27°44'49.92"S	27°20'21.06"E

BONSMARA GRID: PREFERRED GRID/POWERLINE (ALTERNATIVE 1)		
COORDINATES EVERY 250M (DD MM SS.sss)		
POINT	SOUTH	EAST
1	27° 46' 15.658" S	27° 18' 30.248" E
2	27° 46' 17.539" S	27° 18' 28.954" E
3	27° 46' 24.327" S	27° 18' 35.087" E
4	27° 46' 31.114" S	27° 18' 41.220" E
5	27° 46' 37.902" S	27° 18' 47.353" E
6	27° 46' 44.690" S	27° 18' 53.486" E
7	27° 46' 50.569" S	27° 18' 49.347" E
8	27° 46' 56.175" S	27° 18' 42.118" E
9	27° 47' 00.031" S	27° 18' 34.561" E

BONSMARA GRID: ALTERNATIVE GRID/POWERLINE (ALTERNATIVE 2)		
COORDINATES EVERY 250M (DD MM SS.sss)		
POINT	SOUTH	EAST
1	27° 46' 15.680" S	27° 18' 30.182 E
2	27° 46' 22.331" S	27° 18' 33.218 E
3	27° 46' 29.116" S	27° 18' 39.351 E
4	27° 46' 35.902" S	27° 18' 45.485 E
5	27° 46' 42.688" S	27° 18' 51.618 E
6	27° 46' 42.795" S	27° 18' 57.427 E
7	27° 46' 35.446" S	27° 19' 02.872 E
8	27° 46' 28.097" S	27° 19' 08.317 E
9	27° 46' 20.747" S	27° 19' 13.762 E
10	27° 46' 13.397" S	27° 19' 19.208 E
11	27° 46' 06.048" S	27° 19' 24.653 E
12	27° 45' 58.699" S	27° 19' 30.098 E
13	27° 45' 51.349" S	27° 19' 35.543 E
14	27° 45' 43.991" S	27° 19' 40.989 E
15	27° 45' 36.650" S	27° 19' 46.434 E
16	27° 45' 29.301" S	27° 19' 51.878 E
17	27° 45' 21.951" S	27° 19' 57.325 E
18	27° 45' 14.602" S	27° 20' 02.770 E
19	27° 45' 07.252" S	27° 20' 08.215 E
20	27° 44' 59.903" S	27° 20' 13.660 E
21	27° 44' 52.553" S	27° 20' 19.106 E
22	27° 44' 49.427" S	27° 20' 21.422 E