

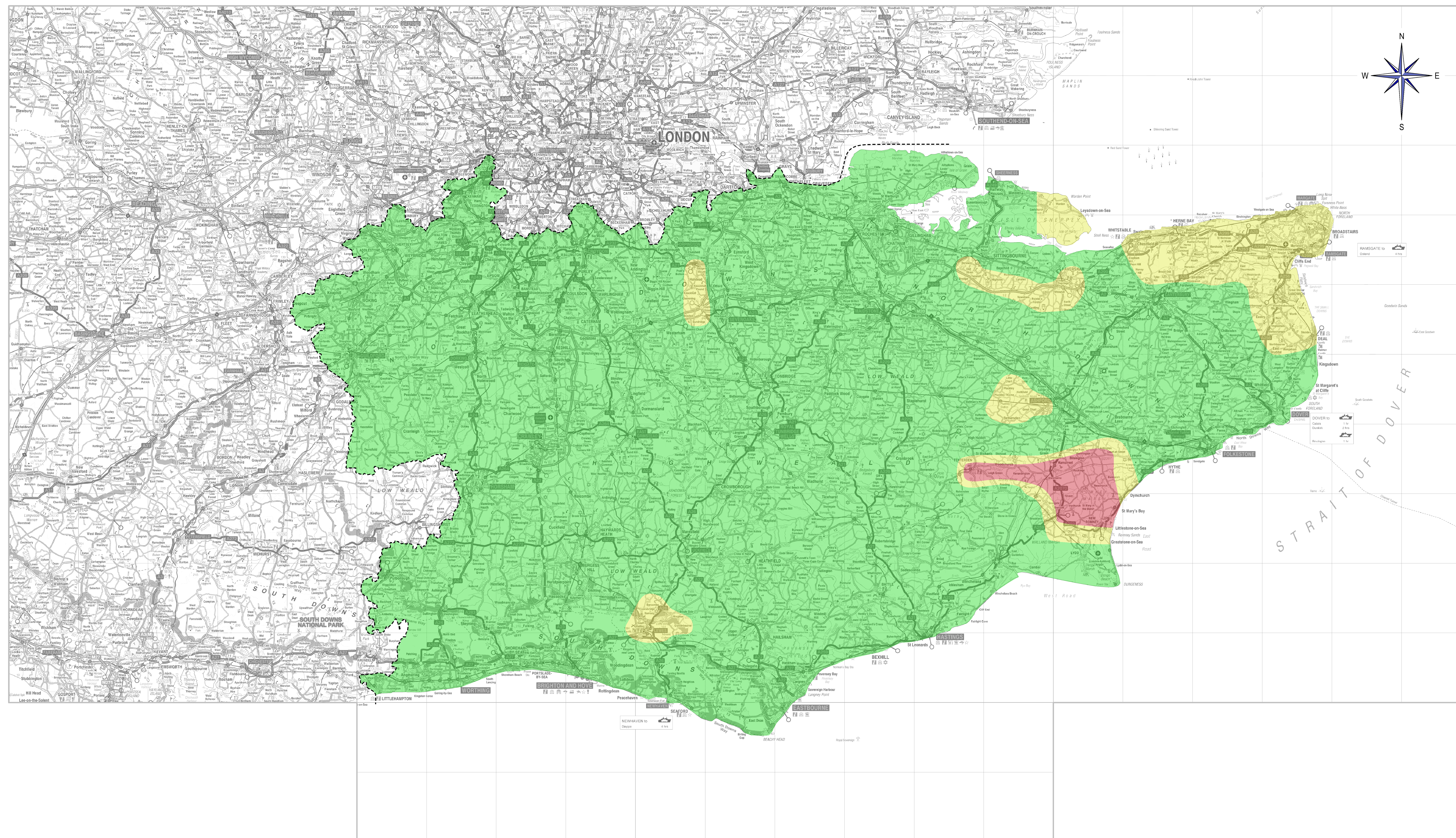
It is generally possible to connect generation equipment to the electricity distribution network at all voltages, but this capability can be restricted by a number of elements. These elements include constraints on :-

- a) the amount of new generation that can be connected relative to the existing load/demand on the system
- b) the proposed location and size of the generator
- c) the nature of our existing equipment and circuit ratings, and
- d) the amount of existing generation equipment already connected or which we are committed to connect.

The map to the left is indicative of the capability of the high voltage electrical network to accept connection of new generation equipment. The area in red indicates that the network in that area is effectively at saturation point with respect to existing generation connections. The amber and green areas indicate those parts of the networks that currently have limited (amber) and spare (green) capacity to connect new generation equipment at high voltage.

The landscape of the map will alter as new generation installations or other network changes occur and it should be used as a guide only. Please note that the map illustrates the position in relation to the high voltage network as a whole and does not distinguish between 11kV, 33kV or 132kV connections. As a general proposition, connection of new generation equipment in any area is possible but those areas in the red zone, for example, are likely to require more substantial customer investment (resulting in a higher connection charge) in order to obtain a point of connection.

Map last updated 20th June 2013



KEY	
	HIGHLY UTILISED
	CAPACITY AVAILABLE
	SIGNIFICANT CAPACITY AVAILABLE

B	19-06-2013	CAPABILITY AREAS CHANGED - CHRIS WINCH	P.E.
A	15-05-2013	ORIGINAL	T.R.
Version	Date	DESCRIPTION	Drawn
SPN AREA GENERATION CAPACITY MAP 1:100,000 GEOGRAPHIC			
SCALE	1:250,000 @ A0	APPROVED	P.E. 19-06-13
DRAWING NO.	HQ-2000-4702/2	Version	B
SITE	General Drawings		