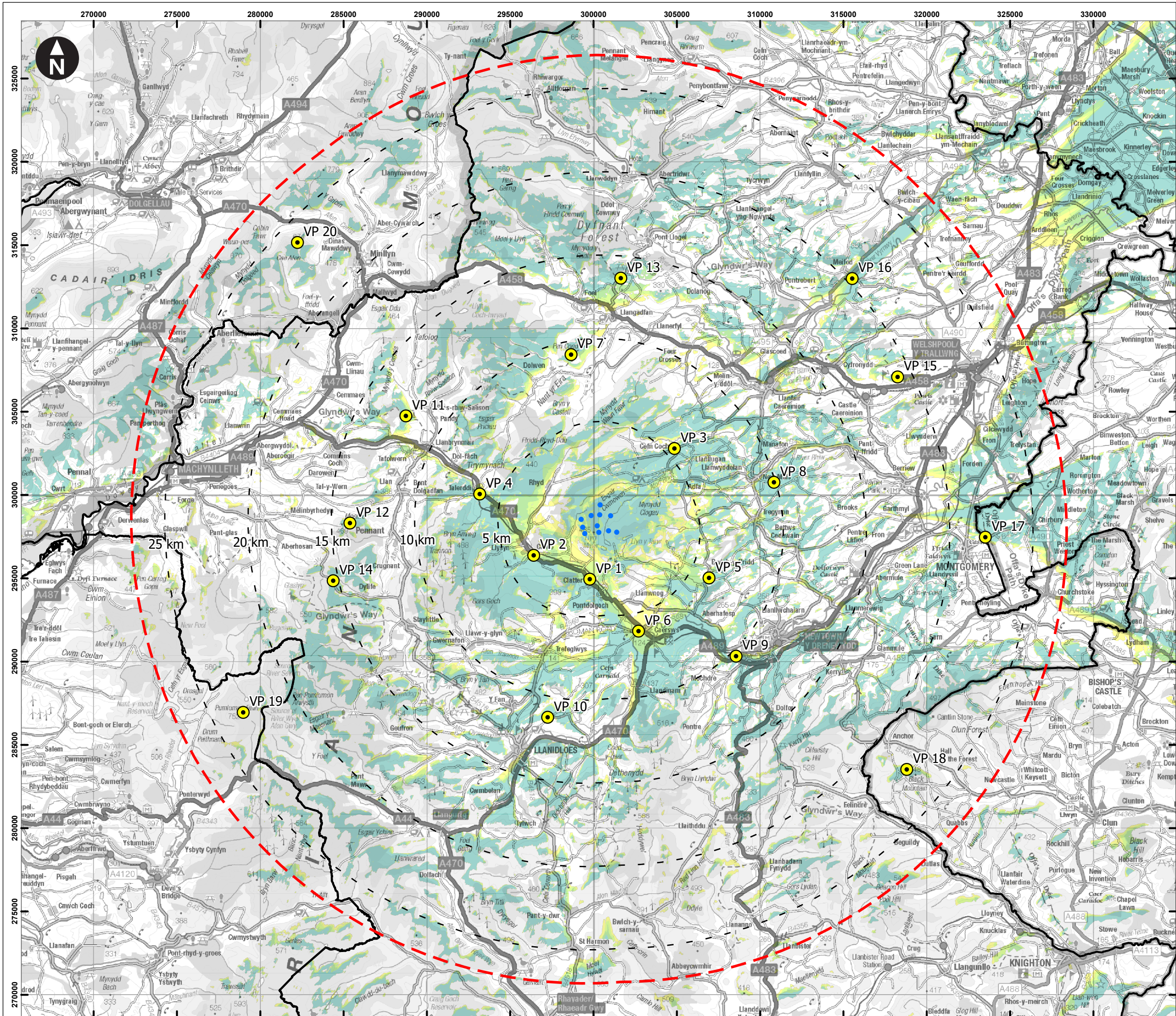




Legend

- Proposed Turbine Locations
- 27 km LVIA Study Area
- Distance from the Proposed Turbines
- Local Authority Boundaries

Zone of Theoretical Visibility (ZTV)

Number of turbines that may be theoretically visible

1 - 3	4 - 6	7 - 9	10 - 11
Viewpoint Locations			
VP 1 - A470, CLATTER			
VP 2 - A470, CARNO			
VP 3 - CEFN COCH			
VP 4 - A489, EAST OF TALERDDIG			
VP 5 - SEVERN WAY, SOUTH OF BWLCH-Y-FFRIDD			
VP 6 - B4569, WESTERN EDGE OF CAERSWS			
VP 7 - GLYNDWR'S WAY, NORTH OF MOELDDOLWYN			
VP 8 - MINOR ROAD, EAST OF NEW MILLS			
VP 9 - LLANDLOES ROAD, NEWTOWN			
VP 10 - SUSTRANS NCR81 AND SEVERN WAY			
VP 11 - GLYNDWR'S WAY, NORTH OF LLANBRYNMAIR			
VP 12 - CAMBRIAN WAY, WEST OF BONT DOLGADFAN			
VP 13 - B4395, NORTH OF LLANGADFAN			
VP 14 - SUSTRANS NCR8, WEST OF DYLFIE			
VP 15 - Y GOLFA, WEST OF WELSHPOOL			
VP 16 - GLYNDWR'S WAY, MEIFOD			
VP 17 - OFFAS DYKE NATIONAL TRAIL, NE OF MONTGOMERY			
VP 18 - BLACK MOUNTAIN, SHROPSHIRE HILLS NATIONAL LANDSCAPE			
VP 19 - CAMBRIAN WAY, PUMLUMON FAWR			
VP 20 - MAEN DU, EYRI NATIONAL PARK			

ZTV Note:

1) This drawing is based on a computer generated Zone of Theoretical Visibility (ZTV).

2) The areas shown indicate the maximum theoretical visibility of the proposed turbines using 5 m digital terrain model (DTM) data which does not take into account natural and human made structures such as vegetation and buildings. This presents a worst-case scenario.

4) Earth curvature and atmospheric refraction have been taken into account.

The figure has been based on the following parameters:

Blade Tip Height: 180 - 200 m

Viewer Height: 1.6 m

0 2 4 6 8 Km

Scale at A3: 1:220,000

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Client

wind2

Calon Y Gwynt Energy Park
Environmental Impact Assessment
Chapter 7

Figure 7.2
Zone of Theoretical Visibility (ZTV) to
Blade Tip with Viewpoint Locations