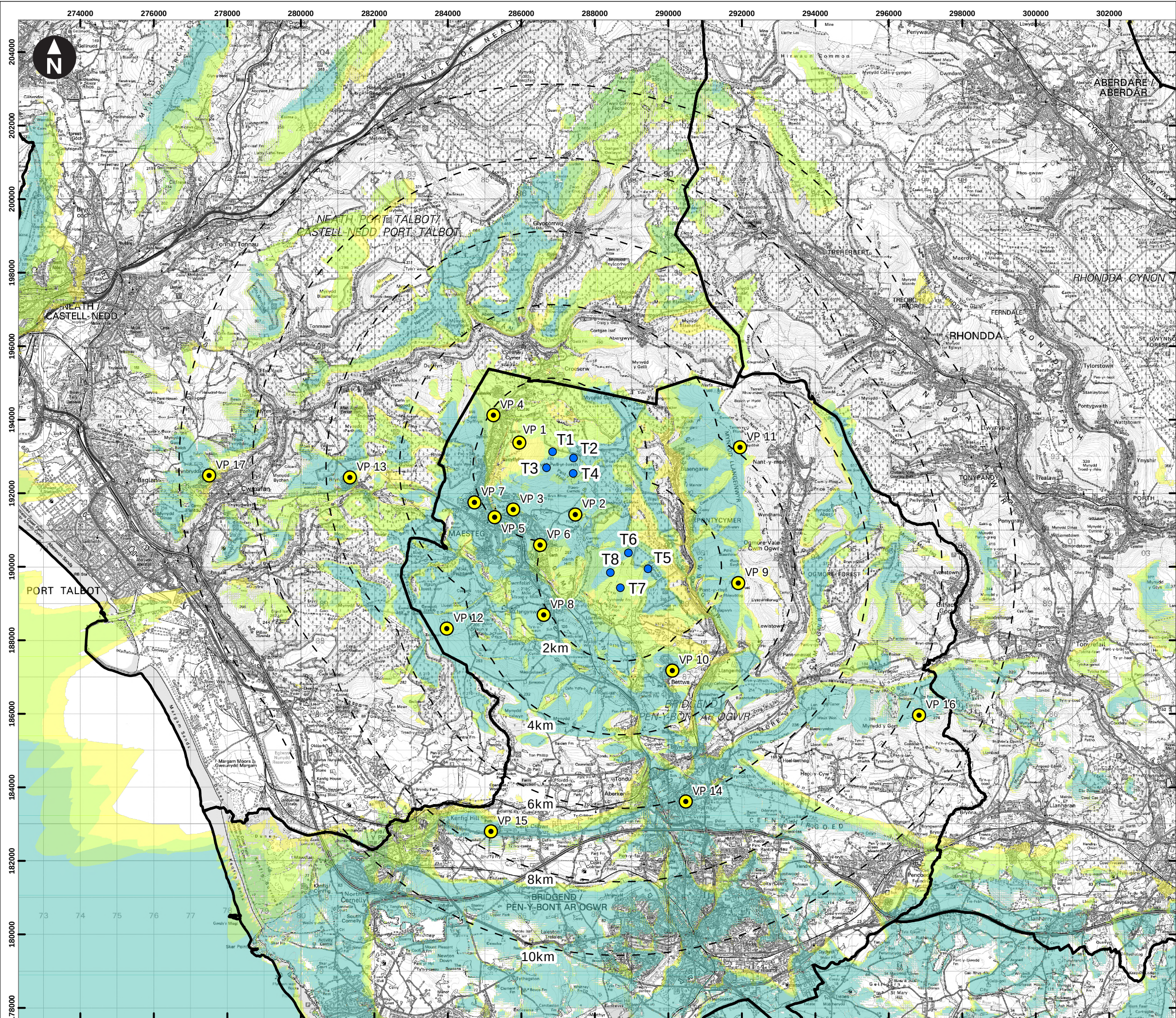


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Legend

- Proposed Turbine Locations
- Distance from the Proposed Turbines
- Local Authority Boundaries

Zone of Theoretical Visibility (ZTV)

Number of turbines that may be theoretically visible

1 - 2	3 - 4	5 - 6	7 - 8
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Viewpoint Locations

- VP 1 - PRoW MAE/59/1 north side of Mynydd Pwll yr Iwrch
- VP 2 - PRoW MAE/32/3 situated between the two sites
- VP 3 - Maesteg School and National Cycle Route (NCR) 885
- VP 4 - Tudor Estate, Caerau
- VP 5 - Maesteg Town Centre (adjacent to Town Hall)
- VP 6 - Heol Faen, Garth
- VP 7 - Maesteg Welfare Park
- VP 8 - Heol Cynan, Llangynrwyl
- VP 9 - Pen-y-Foel Hill Summit
- VP 10 - Y Wern, Betws
- VP 11 - Mynydd Llangeinwyr Summit
- VP 12 - Cistercian Way (Wales) and Bridleway LDM/17/1
- VP 13 - Bryn Park
- VP 14 - Bryncwils Road, Sam
- VP 15 - Gwelfor, Cefn Cribwr
- VP 16 - Glamorgan Ridgeway Walk
- VP 17 - Public open space, south of Brynna Road, Brynbryddan

ZTV Notes:

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.

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

The figure has been based on the following parameters:

- Blade Tip Height: 180 m
- Viewer Height: 1.6 m

0 1 2 3 4 Kilometers

Scale at A3:1:100,000

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Client

PENNANT WALTERS

Glanllynfi Garth Wind Farm
Landscape and Visual
Chapter 6

Figure 6.4
Detailed Zone of Theoretical Visibility (ZTV) to Blade Tip with Viewpoint Locations