



UPPER OGMORE WIND FARM

FIGURE 5.10

Paired ZTV to Blade Tip Upper Ogmore and Llynfi Afan

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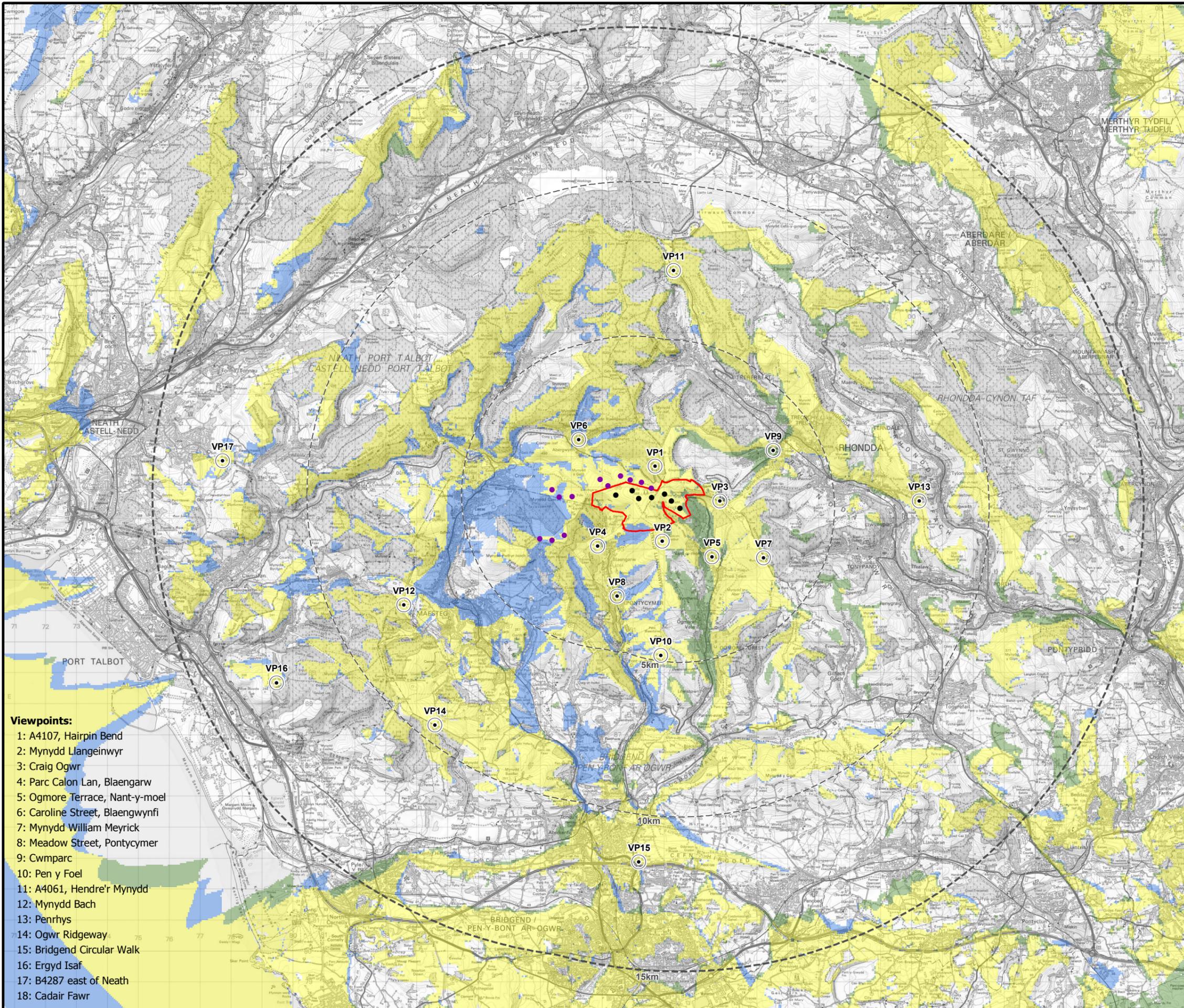
- Site boundary
- Upper Ogmore turbine location
- 5km intervals from outermost turbines
- 15km from outermost turbines
- Llynfi Afan turbine location
- Viewpoint location

Theoretical wind farm visibility

- Only Llynfi Afan is visible
- Only Upper Ogmore is visible
- Both wind farms are visible

Notes
 The ZTV is calculated to turbine tip height from a viewing height of 2m above ground level. The terrain model assumes bare ground and is derived from OS Terrain 50 height data (obtained from Ordnance Survey in July 2017).
 The ZTV extents for the wind farms are based on the 'Planning Guidance for Wind Turbine Development (Heads of the Valleys)' guidance. Earth curvature and atmospheric refraction have been taken into account. The ZTV was calculated using ArcMap 10.4.1 software.

Source: RES, LUC



- Viewpoints:**
- 1: A4107, Hairpin Bend
 - 2: Mynydd Llangeinwyr
 - 3: Craig Ogwr
 - 4: Parc Calon Lan, Blaengarw
 - 5: Ogmore Terrace, Nant-y-moel
 - 6: Caroline Street, Blaengwynfi
 - 7: Mynydd William Meyrick
 - 8: Meadow Street, Pontycymer
 - 9: Cwmparc
 - 10: Pen y Foel
 - 11: A4061, Hendre'r Mynydd
 - 12: Mynydd Bach
 - 13: Penrhys
 - 14: Ogwr Ridgeway
 - 15: Bridgend Circular Walk
 - 16: Ergyd Isaf
 - 17: B4287 east of Neath
 - 18: Cadair Fawr

LAYOUT DWG: 6822-5.10
 T-LAYOUT NO.: PWALuog033

DRAWING NUMBER: FIG5-10_6822_r1_pZTV_UpOgLyAf_A3L
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SCALE - 1:120,000 @ A3

LANDSCAPE AND VISUAL IMPACT ASSESSMENT

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