



- 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
 - 12: Mynydd Bach



UPPER OGMORE WIND FARM

FIGURE 5.4b

Zone of Theoretical Visibility to Turbine Hub Height

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- Site boundary
- Turbine location
- 5km from outermost turbines
- Viewpoint location

Theoretical turbine visibility

- 1-3 Turbines are visible
- 4-5 Turbines are visible
- 6-7 Turbines are visible

Notes
The ZTV is calculated to turbine hub height (77.5m and 97.4m) 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). Earth curvature and atmospheric refraction have been taken into account. The ZTV was calculated using ArcMap 10.4.1 software.

Source: RES, LUC



LAYOUT DWG 6822-5.4b T-LAYOUT NO. PWALuog033

DRAWING NUMBER
FIG5-4b_6822_r1_ZTVhub5km_A3L
CB:EL EB:lendak_e 24/09/2018



SCALE - 1:50,000 @ A3

LANDSCAPE AND VISUAL IMPACT ASSESSMENT

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