



- 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 5.3b

### Zone of Theoretical Visibility to Turbine Tip 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 tip height (130m and 149.9m) 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 6822-5.3b

T-LAYOUT NO. PWALuog033

DRAWING NUMBER  
FIG5-3b\_6822\_r1\_ZTVtip5km\_A3L  
CB:EL EB:lendak\_e 24/09/2018

LUC

SCALE - 1:50,000 @ A3

### LANDSCAPE AND VISUAL IMPACT ASSESSMENT

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