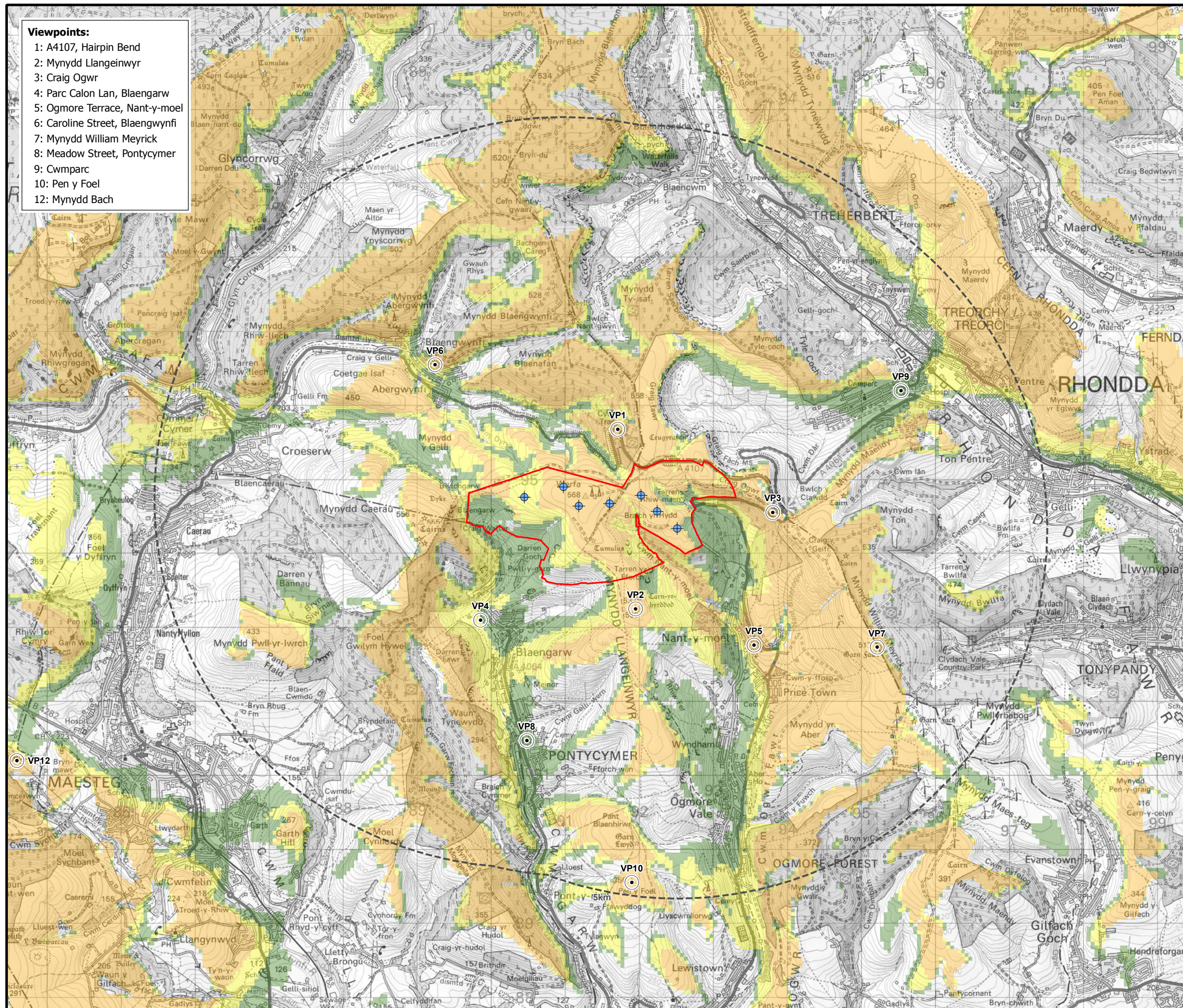




- Viewpoints:**
- 1: A4107, Hairpin Bend
 - 2: Mynydd Llangeinwyr
 - 3: Craig Ogwr
 - 4: Parc Calon Lan, Blaengarw
 - 5: Ogmere Terrace, Nant-y-moel
 - 6: Caroline Street, Blaengwynfi
 - 7: Mynydd William Meyrick
 - 8: Meadow Street, Pontycymer
 - 9: Cwmparc
 - 10: Pen y Foel
 - 12: Mynydd Bach



**UPPER OGMORE
WIND FARM
ROTOR INCREASE LVA**

FIGURE 1
**Zone of
Theoretical Visibility
to Turbine Tip Height**

© CROWN COPYRIGHT, ALL RIGHTS RESERVED.
2023 LICENCE NUMBER 0100031673.

- 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
FIG1_6822_r1_ZTVtip5km_A3L
CB:EL EB:macrae_p 24/05/2023



SCALE - 1:50,000 @ A3

**LANDSCAPE AND VISUAL
IMPACT ASSESSMENT**

THIS DRAWING IS THE PROPERTY OF RENEWABLE ENERGY
SYSTEMS LTD. AND NO REPRODUCTION MAY BE MADE IN
WHOLE OR IN PART WITHOUT PERMISSION