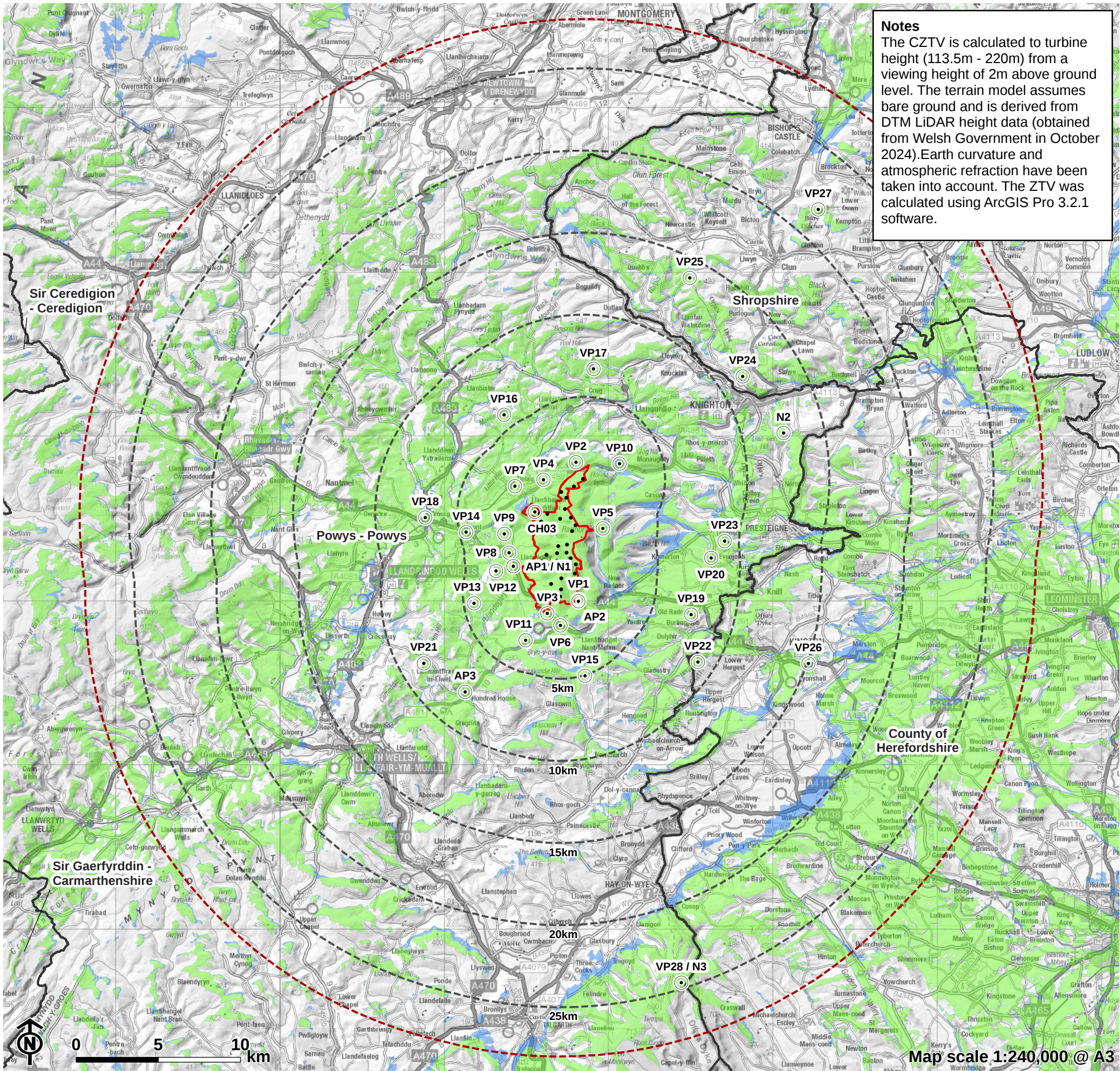




Notes
The CZTV is calculated to turbine height (113.5m - 220m) from a viewing height of 2m above ground level. The terrain model assumes bare ground and is derived from DTM LiDAR height data (obtained from Welsh Government in October 2024). Earth curvature and atmospheric refraction have been taken into account. The ZTV was calculated using ArcGIS Pro 3.2.1 software.

Nant Mithil Energy Park
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Figure 5.6a: Hub Height (113.5m, 130.5m, 145.5m) and Blade Tip Height (180m, 205m, 220m) Comparative Zone of Theoretical Visibility (28km) and Viewpoint Locations

LVIA Study Area

Application Boundary

Turbine

Turbine buffer - 5km intervals

Local authority boundary

Comparative ZTV - Blade tip height vs hub height

Turbine blade tip visibility ONLY

Turbine blade tip and hub visibility

Viewpoint

- VP1: Water-break-its-neck (Waterfall)
- VP2: Heart of Wales Line Trail near Coco's Farm Campsite
- VP3: A44 east of Castell Crugerydd
- VP4: A488 Llanfihangel Rhydithon
- VP5: Black Mixen
- VP6: A44 outside the Fforest Inn, Llanfihangel-nant-Melan
- VP7: Dolau
- VP8: Llandegley (A44, outside the church)
- VP9: Heart of Wales Line Trail near The Pales
- VP10: A488 at Bleddfa
- VP11: A481 near Rhewey
- VP12: Llandegley Rocks
- VP13: Bwlch-llwyn Bank
- VP14: A44 bridge approaching Penybont
- VP15: Llanfihangel Hill
- VP16: Caergynan Bank, Open Access Land
- VP17: Glyndwr's Way near Lanlluest
- VP18: Crossgates
- VP19: Old Radnor
- VP20: Evenjobb, B4357
- VP21: Castle Bank
- VP22: Hergest Ridge near Offa's Dyke Path
- VP23: Offa's Dyke, Castle Ring Pen Offa
- VP24: Ridge north of Knighton
- VP25: Offa's Dyke Path, south of Newcastle
- VP26: A44 between Lyonshall and Kington
- VP27: Bury Ditches Iron Age hill fort
- VP28 / N3: Hay Bluff, Bannau Brycheiniog National Park
- AP1 / N1: A44 south of Llandegley
- AP2: BOAT south of Water-break-its-neck (Waterfall) in Open Access Land
- AP3: Hundred House
- N2: The Space Guard Centre Observatory, Knighton
- CH03: Shepherd's Tump Round Barrow (Cadw SM Ref. RD253)



Map scale 1:240,000 @ A3