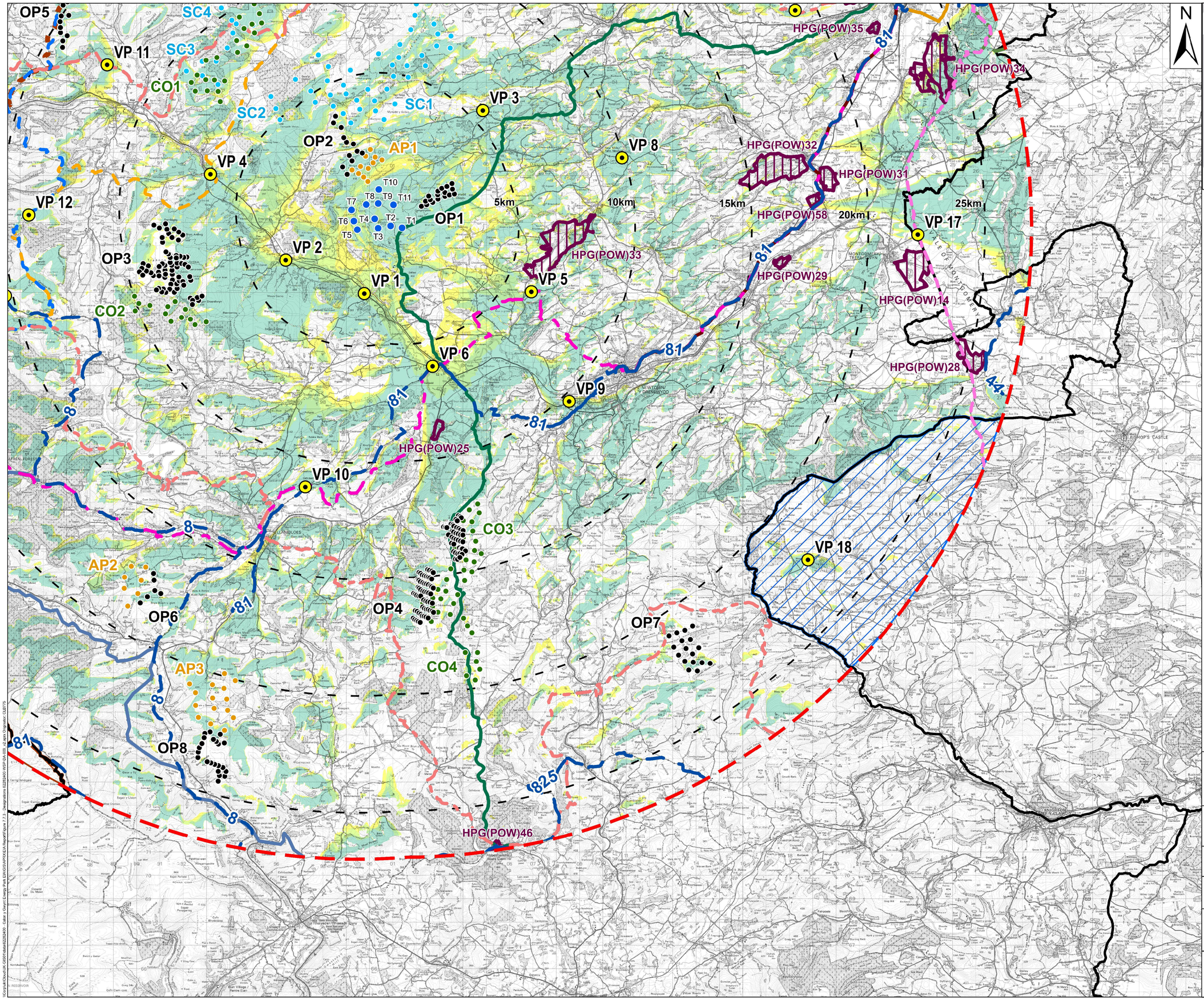

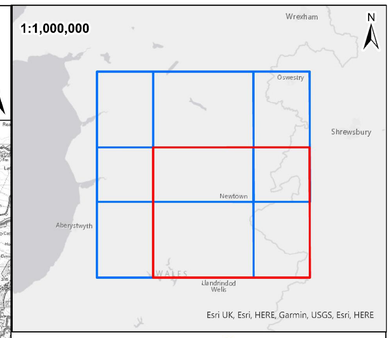

Legend

- Proposed Turbine Locations
- 27 km LVIA Study Area
- Local authority boundaries
- Distance from the Proposed Turbines
- National Landscape: Shropshire Hills

Local Designations

- Special Landscape Areas
  - SLA48) South Ceredigion Uplands

Cycle Routes

- Sustrans Cycle Routes
- Reclassified Cycle Routes

National Trails

- Glyndwrs Way
- Offas Dyke

Other Long Distance Routes

- Cambrian Way
- Severn Way
- Dyfi Valley Way
- William Morgan Ride
- MacMillian Way - Cross Britain Way
- Mongomery Canal
- Wye Valley Walk
- Cistercian Way
- Historic Parks & Gardens

HPG(POW)14) Lymore Park / Parc Lymore
HPG(POW)25) Plas Dinam / Plas Dinam
HPG(POW)28) Mellington Hall / Plas Mellington
HPG(POW)29) Cefn Bryntalch / Cefn Bryntalch
HPG(POW)31) Glansevern Hall / Plas Glansevern
HPG(POW)32) Vaynor Park / Parc Faenor
HPG(POW)33) Gregynog / Gregynog
HPG(POW)34) Leighton Hall / Neuadd Leighton
HPG(POW)35) Powis Castle Garden / Gerddi Castell Powis
HPG(POW)36) Llanerchydol Hall / Plas Llanerchydol
HPG(POW)46) The Hall, Abbey Cwmhir / Y Neuadd, Abaty Cwmhir
HPG(POW)58) Garthmyl Hall / Plas Garthmyl

Viewpoint Locations

1) A470, Clattter
2) A470, Carno
3) Cefn Coch
4) A470, East of Talerddig
5) Severn Way, South of Bwlch-Y-Ffridd
6) B4569, Western Edge of Caersws
8) Minor Road, East of New Mills
9) Llanidloes Road, Newtown
10) Sustrans Ncr81 and Severn Way
11) Glyndwr's Way, North of Llanbrynmair
12) Cambrian Way, west of Bont Dolgadfan
15) Y Golfa, West of Welshpool
17) Offas Dyke National Trail, Ne of Montgomery
18) Black Mountain, Shropshire Hills National Landscape

Operational Wind Farms

OP1) Mynydd Clogau
OP2) Tirgwynt
OP3) Carno I & II
OP4) Llandinam
OP5) Cemmaes
OP6) Bryn Blaen
OP7) Garreg Lwyd
OP8) Bryn Titli

Consented Wind Farms

CO1) Llanbrynmair
CO2) Carno III
CO3) Llandinam Repowering
CO4) Garn Fach

Application Wind Farms

AP1) Esgair Cwmowen
AP2) Banc Du
AP3) Rhiwlas

Scoping Wind Farms

SC1) Llyn Lort
SC2) Mynydd Lluest y Graig
SC3) Llanbrynmair (Redesign)
SC4) Carnedd Wen

Zone of Theoretical Visibility (ZTV)

Number of turbines that may be theoretically visible

1-3 | 4-6 | 7-9 | 10-11

0 2 4 6 8 km

Scale at A1: 1:75,000

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ZTV Note:
1) This drawing is based on a computer generated Zone of Theoretical Visibility (ZTV).
2) The areas shown indicate the maximum theoretical visibility of the proposed turbines using 5m digital surface model (DSM) data which takes into account natural and human made structures such as vegetation and buildings.
3) Woodland and building features have been screened from the ZTV using National Forest Inventory (2023) woodland datasets and OS Vector Map District (2025) building footprints to represent areas where visibility would be obstructed.
4) Earth curvature and atmospheric refraction have been taken into account.

The figure has been based on the following parameters:
Blade Tip Height: 180 - 200 m
Viewer Height: 1.6 m

wsp

Client: wind2

Project: Calon Y Gwynt Energy Park

Title: Figure 7.7.3
National and local landscape designations with Zone of Theoretical Visibility (ZTV) to Blade Tip

Drawing No:
Date: 25/05/2026
Scale: @ A1
Project No: 70094639

Drawn: CB
Checked: LF
Approved: DR

I:\Corporate\Cloud\UK GIS\01\data\42252400 - Calon y Gwynt Energy Park EIA\GIS\APPROVED\Report\Figure 7.7.3 - Designations 42252400 WSP DA\01 v2.aprx Organisation: CLUT75