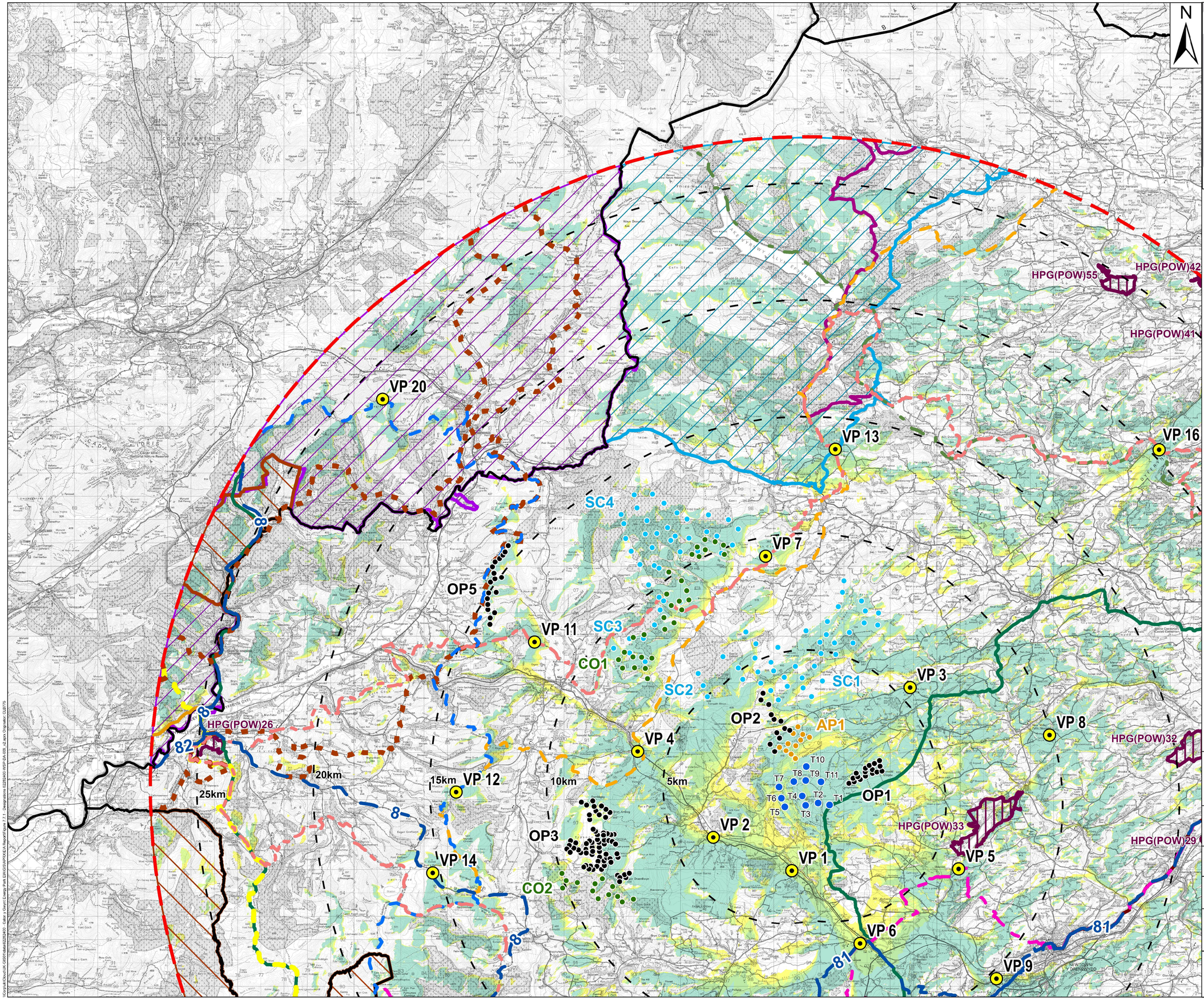

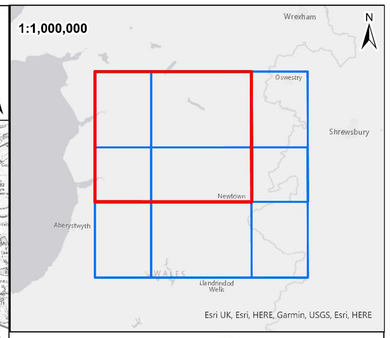

Legend

- Proposed Turbine Locations
- 27 km LVIA Study Area
- Local authority boundaries
- Distance from the Proposed Turbines

National Designations

- Eryri National Park
- Proposed Glyndŵr National Park

Local Designations

- Special Landscape Areas
  - SLA48) South Ceredigion Uplands
  - SLA72) Corris

Cycle Routes

- Sustrans Cycle Routes
- Reclassified Cycle Routes

National Trails

- Glyndwrs Way

Other Long Distance Routes

- Cambrian Way
- Severn Way
- Dyfi Valley Way
- William Morgan Ride
- O Foni Fynwy
- MacMillian Way - Cross Britain Way
- Pereindod Melangell
- Mongomery Canal
- Cistercian Way

Historic Parks & Gardens

- HPG(POW)26) Plas Machynlleth / Plas Machynlleth
- HPG(POW)29) Cefn Bryntalch / Cefn Bryntalch
- HPG(POW)32) Vaynor Park / Parc Faenor
- HPG(POW)33) Gregynog / Gregynog
- HPG(POW)41) Bryngwyn / Bryngwyn
- HPG(POW)42) Bodynfoel Hall / Neuadd Bodynfoel
- HPG(POW)55) Bodfach Hall / Plas Bodfach

Zone of Theoretical Visibility (ZTV)

Number of turbines that may be theoretically visible

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

Viewpoint Locations

1) A470, Clatter
2) A470, Carno
3) Cefn Coch
4) A470, East of Talerddig
5) Severn Way, South of Bwlch-Y-Fridd
6) B4569, Western Edge of Caersws
7) Glyndwr's Way, north of Moeliddolwn
8) Minor Road, East of New Mills
9) Llanidloes Road, Newtown
11) Glyndwr's Way, North of Llanbrynmair
12) Cambrian Way, west of Bont Dolgadfan
13) B4395, North of Llangadfan
14) Sustrans Nr8, West of Dylife
16) Glyndwr's Way, Meifod
20) Maen Du, Eyri National Park

- Operational Wind Farms
  - OP1) Mynydd Clogau
  - OP2) Tirgwynt
  - OP3) Carno I & II
  - OP5) Cemmaes
- Consented Wind Farms
  - CO1) Llanbrynmair
  - CO2) Carno III
- Application Wind Farms
  - AP1) Esgair Cwmowen
- Scoping Wind Farms
  - SC1) Llyn Lort
  - SC2) Mynydd Lluest y Graig
  - SC3) Llanbrynmair (Redesign)
  - SC4) Carnedd Wen

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 7.7.1
National and local landscape designations with Zone of Theoretical Visibility (ZTV) to Blade Tip

Drawing No:			
Date:	25/05/2026	Drawn:	CB
Scale:	1:75,000 @ A1	Checked:	LF
Project No:	70094639	Approved:	DR

\\Corp.sub\Cardiff\UK-GBDT1\B&M\226240 - Calon y Gwynt Energy Park EIA\15\APR\EIA Report\Figure 7.7.1 - Designations \226240-WSP-DA-059_v2.aprx Originator: CLB775