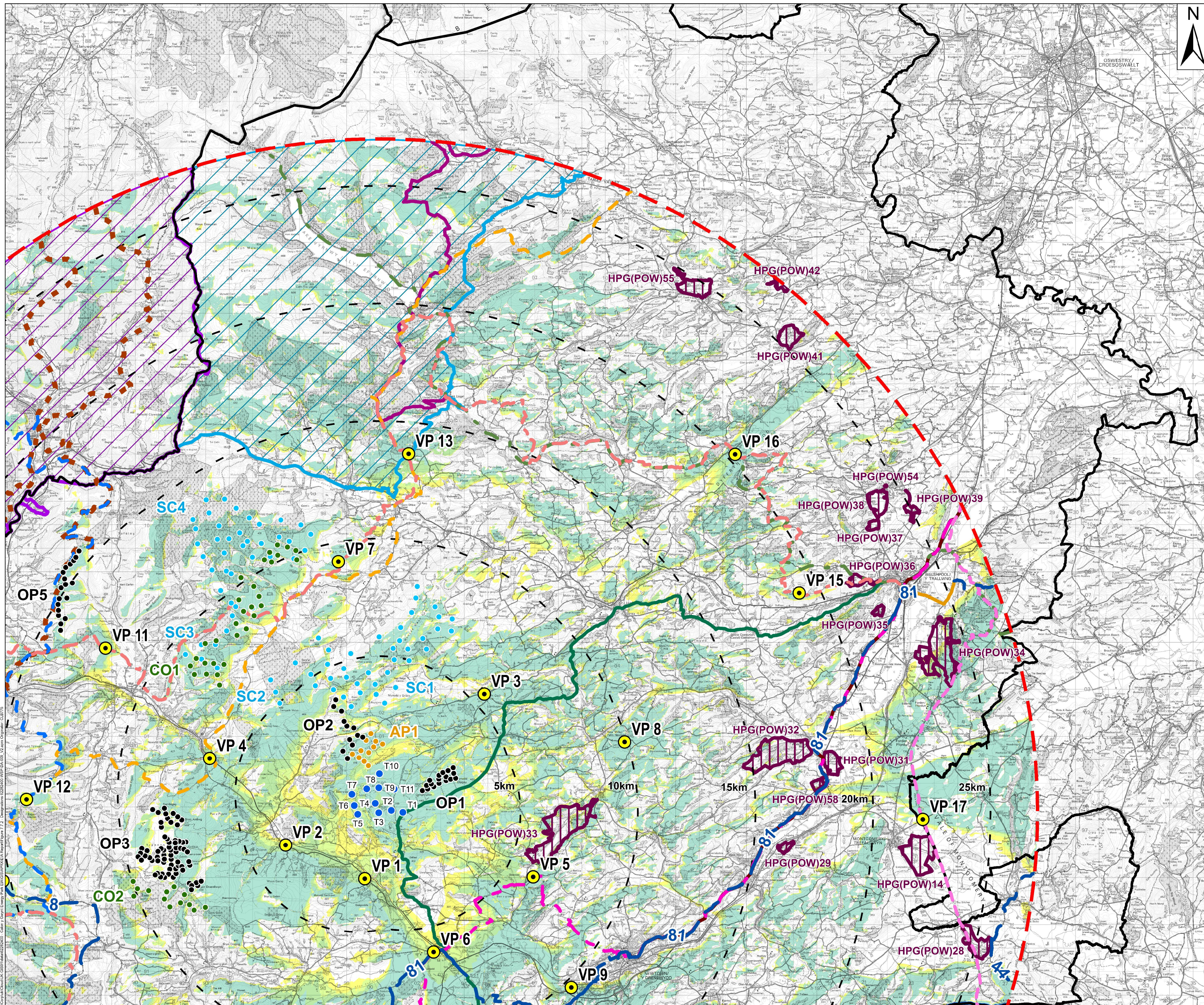




1:1,000,000

Wrexham
Shrewsbury
Aberystwyth
Llandudno
Wrexham
Shrewsbury
Aberystwyth
Llandudno

Esri UK, Esri, HERE, Garmin, USGS, Esri, HERE

Legend

Proposed Turbine Locations

27 km LVIA Study Area

Local authority boundaries

Distance from the Proposed Turbines

Eryri National Park

Proposed Glyndwr National Park

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

MacMillan Way - Cross Britain Way

Pereindod Melangell

Montgomery Canal

Cistercian Way

Historic Parks & Gardens

HPG(POW)14 Lymore Park / Parc Lymore

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)37 Brookland Hall / Plas Brookland

HPG(POW)38 The Garth / Y Garth

HPG(POW)39 Trelydan Hall / Neuadd Trelydan

HPG(POW)41 Bryngwyn / Bryngwyn

HPG(POW)42 Bodynfoel Hall / Neuadd Bodynfoel

HPG(POW)54 St. Aelhaiarn Churchyard, Gullisfield / Mynwent Sant Aelhaiarn, Cegidfa

HPG(POW)55 Bodfach Hall / Plas Bodfach

HPG(POW)58 Garthmyl Hall / Plas Garthmyl

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 Caesars

7) Glyndwr's Way, north of Moelddowen

8) Minor Road, East of New Mills

9) Llanidloes Road, Newtown

11) Glyndwr's Way, north of Llanbrynmair

12) Cambrian Way, west of Bont Dolgaddan

13) B4395, North of Llanagan

15) Y Gofa, West of Welshpool

16) Glyndwr's Way, Meifod

17) Offas Dyke National Trail, Ne of Montgomery

Operational Wind Farms

OP1 Mynydd Clogau

OP2 Tirgwynnt

OP3 Carno I & II

OP5 Conmawr

Consented Wind Farms

CO1 Llanbrynmair

CO2 Carno III

Application Wind Farms

AP1 Esgair Cwmowen

Scoping Wind Farms

SC1 Llyn Lort

SC2 Mynydd Llaest 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

Scale at A1:175,000

0 2 4 6 8

km

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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 abstracted from the ZTV using National Forest Inventory (2023) woodland dataset 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: 100 - 200m

Viewer Height: 1.6m

wsp

wind2

Client:

Calon Y Gwynt Energy Park

Project:

Calon Y Gwynt Energy Park

Title:

Figure 7.7.2
National and local landscape designations with
Zone of Theoretical Visibility (ZTV) to Blade Tip

Drawing No:

Date: 25/05/2026

Scale: 1:75,000 @ A1

Project No: 70094639

Drawn: CB

Checked: LF

Approved: DR