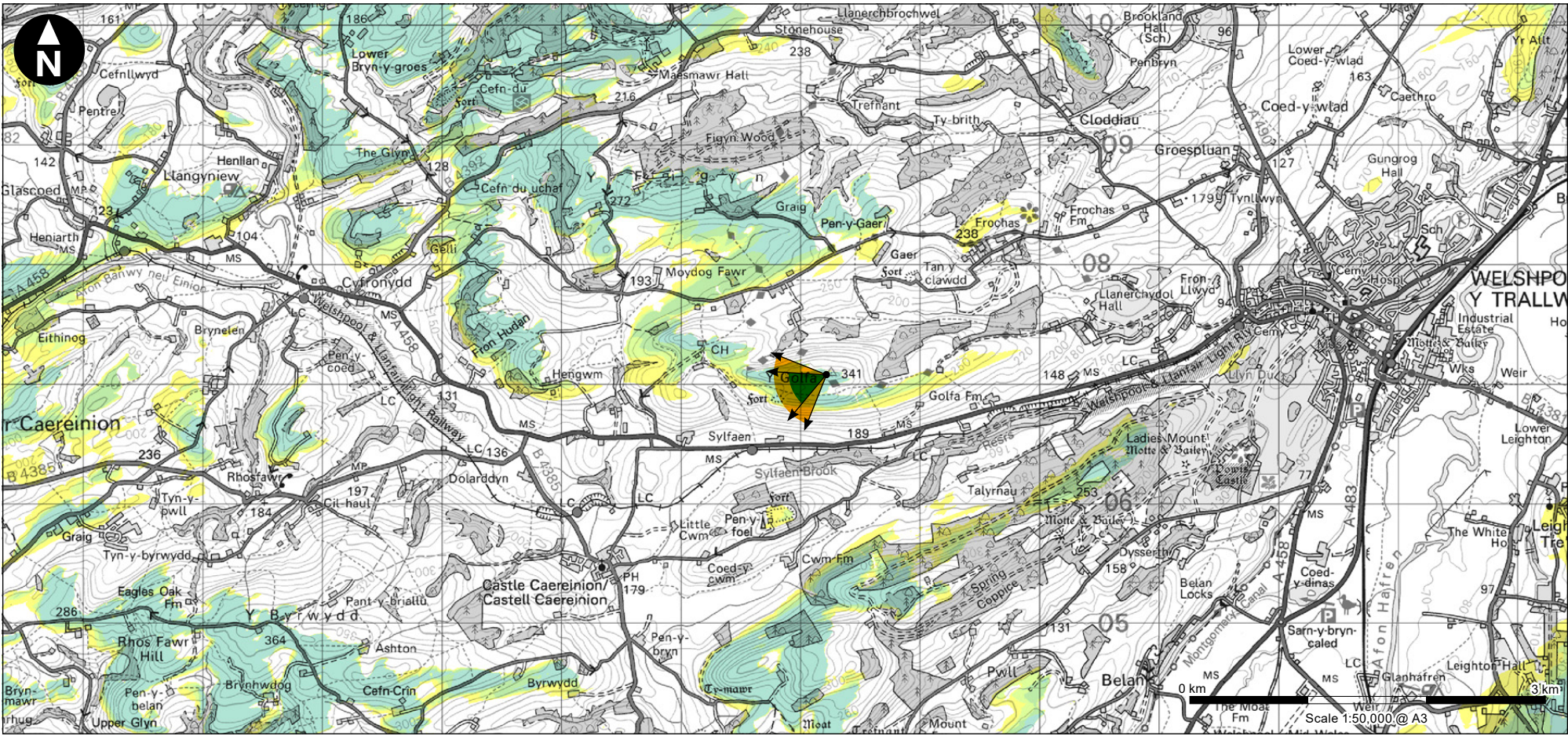
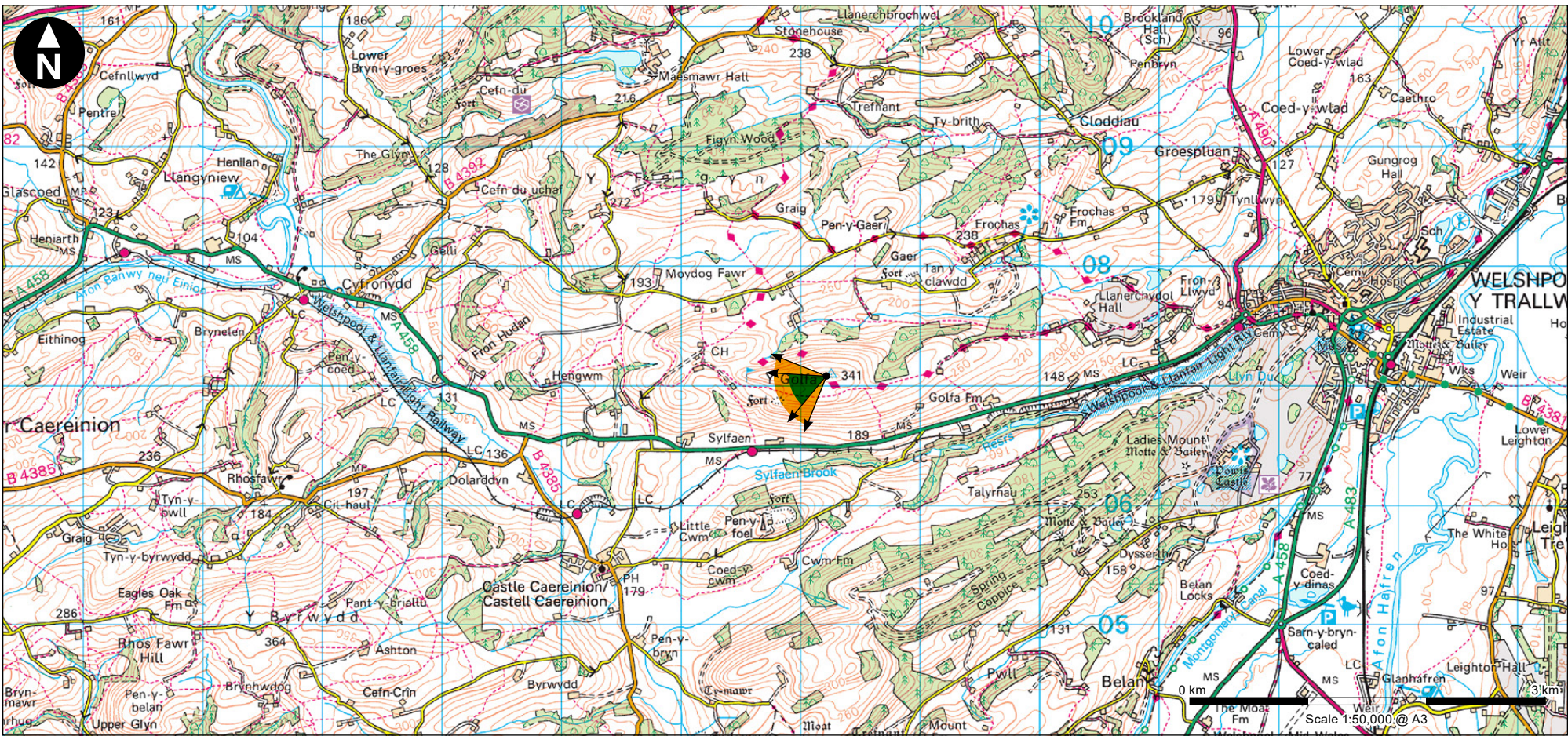


Viewpoint Parameters

OS reference:	E318 248, N307 087
Ground Level Elevation:	334m AOD
Camera Height:	1.5m AGL
Direction of view to site centre ³ :	244°
Distance to nearest turbine:	19,133m
Number of blade tips theoretically visible ⁴ :	11
Number of hubs theoretically visible ⁴ :	11
Date and time of viewpoint photography:	20/11/2025 @ 10:15
Camera:	Sony Alpha 7R III
Lens:	Sony FE 50mm F1.2 GM

Information on the limitations of visualisations:

Visualisations of wind farms have a number of limitations which you should be aware of when using them to form a judgement on a wind farm proposal. These include:

- A visualisation can never show exactly what the wind farm will look like in reality due to factors such as: different lighting, weather and seasonal conditions which vary through time and the resolution of the image;
- The images provided give a reasonable impression of the scale of the turbines and the distance to the turbines, but can never be 100% accurate;
- A static image cannot convey turbine movement, or flicker or reflection from the sun on the turbine blades as they move;
- The viewpoints illustrated are representative of views in the area, but cannot represent visibility at all locations;
- To form the best impression of the impacts of the wind farm proposal these images are best viewed at the viewpoint location shown;
- The images must be printed at the right size to be viewed properly (260mm by 820mm);
- You should hold the images flat at a comfortable arm's length. If viewing these images on a wall or board at an exhibition, you should stand at arm's length from the image presented.
- The ZTV presented here takes no account of the screening effects of vegetation or buildings.

Additional notes:

1. This figure has been based on the following parameters:
Turbine layout file:
LCALONYGWENT_04_DnFrz_11T.WFL

• Hub height: 118.5m
• Height to blade tip: 180m / 200m
2. Turbine positions could be subject to micro-siting (typically up to 50m).
3. Direction given as bearing relative to Grid North (BNG).
4. The number of turbine blades and hubs theoretically visible is counted from the wireframe in sets of 3 and ignores the screening effects of any intervening objects and forestry.

Client

Calon y Gwynt
Environmental Statement

Figure 7.30a
Viewpoint 15
Y Golfa, West of Welshpool looking south-west

May 2026

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Baseline photograph

This image provides landscape and visual context only

Extent of central 50mm frame used to construct panorama

Extent of 53.5° planar panorama

1 2 3 5 4 11 6 9 8 7 10



Wireline drawing

Wind Farm Key:  Calon y Gwynt Wind Farm

OS reference:	E318 248, N307 087	Horizontal field of view:	90° (cylindrical projection)	Camera:	Sony Alpha 7R III
Eye level:	335.5m AOD	Principal distance:	522mm	Lens:	Sony FE 50mm F1.2 GM
Direction of view:	246°	Paper size:	841mm x 297mm (half A1)	Camera height:	1.5m AGL
Nearest turbine:	T11 @ 19,133m	Correct printed image size:	820 x 130mm	Date and time:	20/11/2025 10:15

Client

wind2

Calon y Gwynt
Environmental Statement

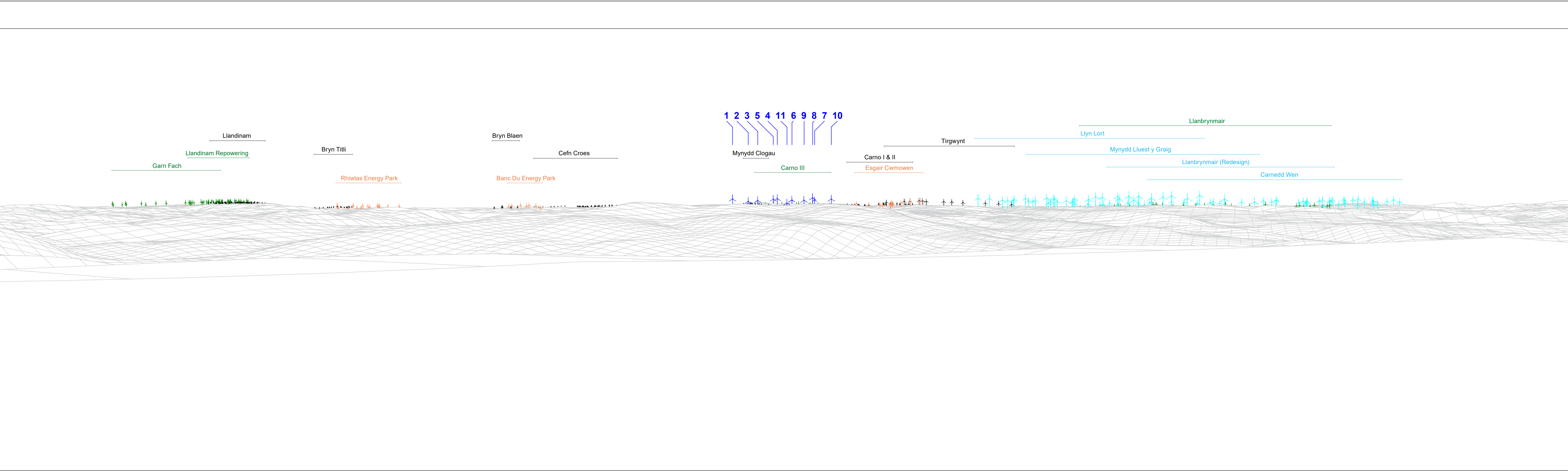
Figure 7.30b
Viewpoint 15
Y Goffa, West of Welshpool looking
south-west

View flat at a comfortable arm's length

May 2026



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Wireline drawing

Wind Farm Key:  Calon y Gwynt Wind Farm  Existing  Consented  Application  Scoping

OS reference:	E318 248, N307 087	Horizontal field of view:	90° (cylindrical projection)	Camera:	Sony Alpha 7R III
Eye level:	335.5m AOD	Principal distance:	522mm	Lens:	Sony FE 50mm F1.2 GM
Direction of view:	246°	Paper size:	841mm x 297mm (half A1)	Camera height:	1.5m AGL
Nearest turbine:	T11 @ 19,133m	Correct printed image size:	820 x 130mm	Date and time:	20/11/2025 10:15

Client



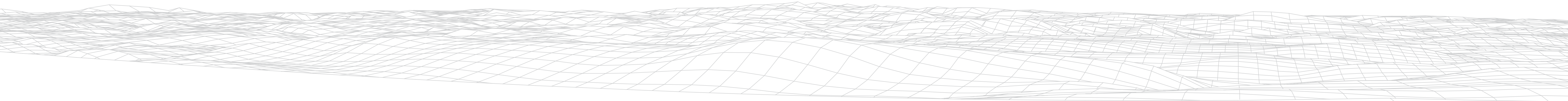
Calon y Gwynt
Environmental Statement

Figure 7.30c
Viewpoint 15
Y Golfa, West of Welshpool looking
south-west

View flat at a comfortable arm's length

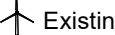
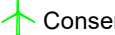
May 2026





Wireline drawing

View flat at a comfortable arm's length

Wind Farm Key:  Calon y Gwynt Wind Farm  Existing  Consented  Application  Scoping

OS reference:	E318 248, N307 087	Horizontal field of view:	90° (cylindrical projection)	Camera:	Sony Alpha 7R III
Eye level:	335.5m AOD	Principal distance:	522mm	Lens:	Sony FE 50mm F1.2 GM
Direction of view:	246°	Paper size:	841mm x 297mm (half A1)	Camera height:	1.5m AGL
Nearest turbine:	T11 @ 19,133m	Correct printed image size:	820 x 130mm	Date and time:	20/11/2025 10:15



Client
Calon y Gwynt
Environmental Statement

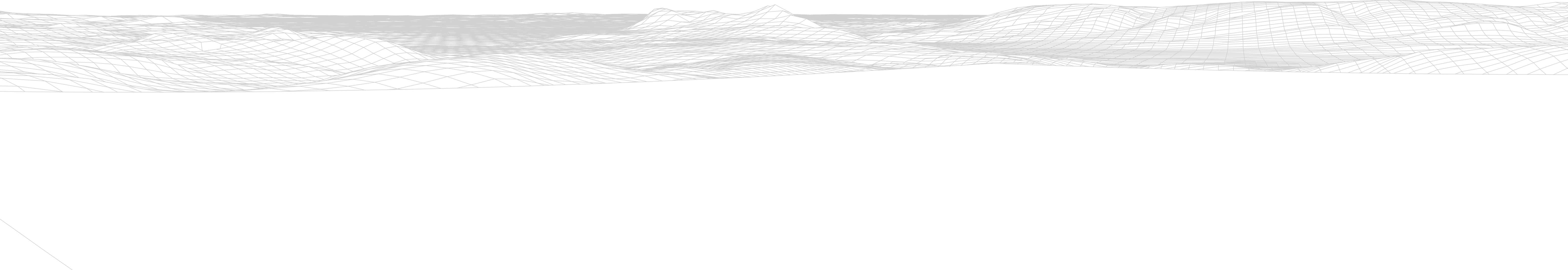
Figure 7.30d
Viewpoint 15
Y Golfa, West of Welshpool looking
south-west

May 2026



Originator: CLB775

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Wireline drawing

View flat at a comfortable arm's length

Wind Farm Key:  Calon y Gwynt Wind Farm  Existing  Consented  Application  Scoping

OS reference:	E318 248, N307 087	Horizontal field of view:	90° (cylindrical projection)	Camera:	Sony Alpha 7R III
Eye level:	335.5m AOD	Principal distance:	522mm	Lens:	Sony FE 50mm F1.2 GM
Direction of view:	246°	Paper size:	841mm x 297mm (half A1)	Camera height:	1.5m AGL
Nearest turbine:	T11 @ 19,133m	Correct printed image size:	820 x 130mm	Date and time:	20/11/2025 10:15

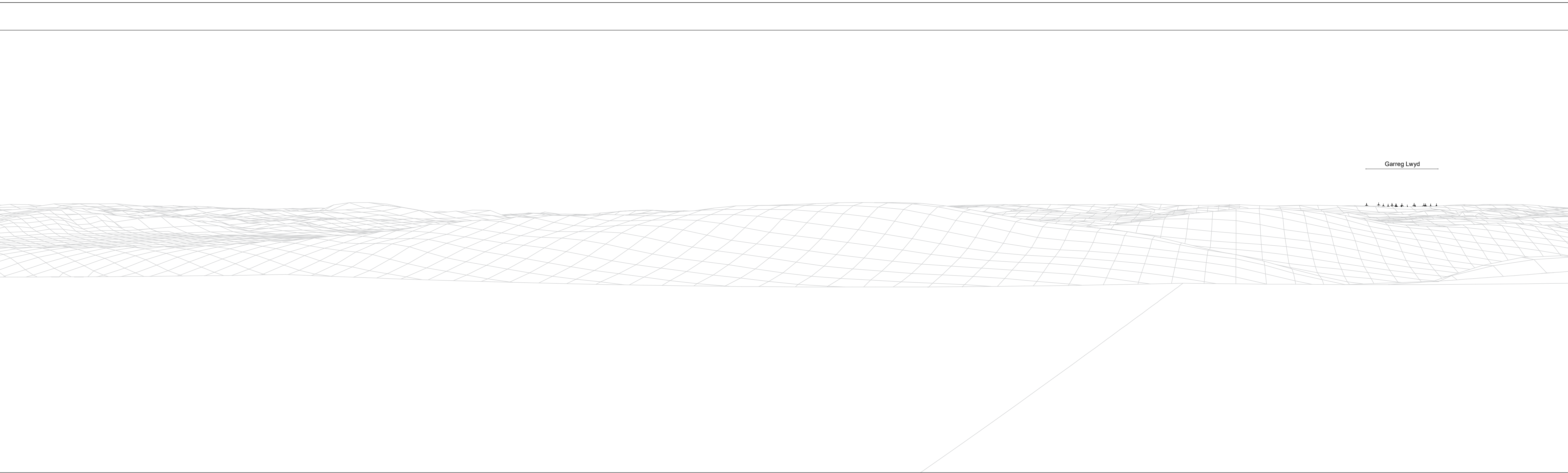


Client
Calon y Gwynt
Environmental Statement

Figure 7.30e
Viewpoint 15
Y Goffa, West of Welshpool looking
south-west

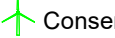
May 2026





Wireline drawing

View flat at a comfortable arm's length

Wind Farm Key:  Calon y Gwynt Wind Farm  Existing  Consented  Application  Scoping

OS reference:	E318 248, N307 087	Horizontal field of view:	90° (cylindrical projection)	Camera:	Sony Alpha 7R III
Eye level:	335.5m AOD	Principal distance:	522mm	Lens:	Sony FE 50mm F1.2 GM
Direction of view:	246°	Paper size:	841mm x 297mm (half A1)	Camera height:	1.5m AGL
Nearest turbine:	T11 @ 19,133m	Correct printed image size:	820 x 130mm	Date and time:	20/11/2025 10:15



Client
Calon y Gwynt
Environmental Statement

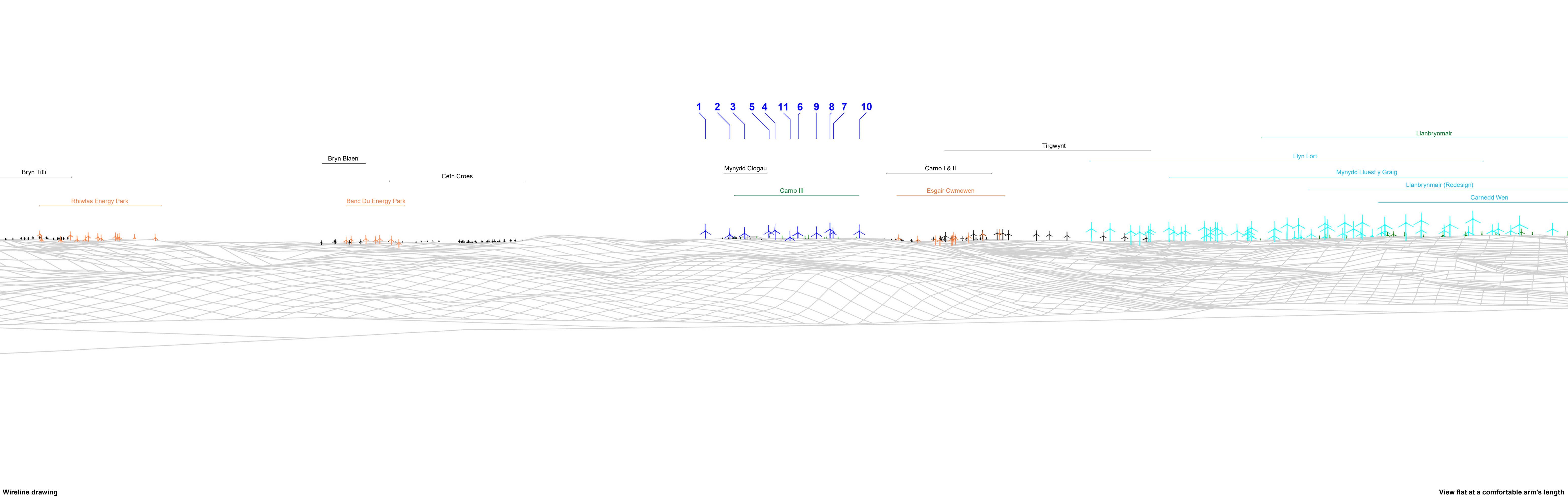
Figure 7.30f
Viewpoint 15
Y Goffa, West of Welshpool looking
south-west

May 2026



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Originator: CLB775



Wireline drawing

Wind Farm Key: Calon y Gwynt Wind Farm Existing Consented Application Scoping

OS reference:	E318 248, N307 087	Horizontal field of view:	53.5° (planar projection)	Camera:	Sony Alpha 7R III
Eye level:	335.5m AOD	Principal distance:	522mm	Lens:	Sony FE 50mm F1.2 GM
Direction of view:	246°	Paper size:	841mm x 297mm (half A1)	Camera height:	1.5m AGL
Nearest turbine:	T11 @ 19,133m	Correct printed image size:	820 x 130mm	Date and time:	20/11/2025 10:15



Client
Calon y Gwynt
Environmental Statement

Figure 7.30g
Viewpoint 15
Y Goffa, West of Welshpool looking
south-west

View flat at a comfortable arm's length

May 2026



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Originator: CLB775



Photomontage

View flat at a comfortable arm's length

OS reference:	E318 248, N307 087	Horizontal field of view:	53.5° (planar projection)	Camera:	Sony Alpha 7R III
Eye level:	335.5m AOD	Principal distance:	522mm	Lens:	Sony FE 50mm F1.2 GM
Direction of view:	246°	Paper size:	841mm x 297mm (half A1)	Camera height:	1.5m AGL
Nearest turbine:	T11 @ 19,133m	Correct printed image size:	820 x 130mm	Date and time:	20/11/2025 10:15



Client
Calon y Gwynt
Environmental Statement

Figure 7.30h
Viewpoint 15
Y Goffa, West of Welshpool looking
south-west

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Photomontage

Note: This 90 degree FoV photomontage is produced in addition to the NatureScot 'Visual Representation of Wind Farms' guidance and illustrates the Proposed Development in its landscape setting.

OS reference:	E318 248, N307 087	Horizontal field of view:	90° (cylindrical projection)	Camera:	Sony Alpha 7R III
Eye level:	335.5m AOD	Principal distance:	522mm	Lens:	Sony FE 50mm F1.2 GM
Direction of view:	246°	Paper size:	841mm x 297mm (half A1)	Camera height:	1.5m AGL
Nearest turbine:	T11 @ 19,133m	Correct printed image size:	820 x 130mm	Date and time:	20/11/2025 10:15



Calon y Gwynt
Environmental Statement

Figure 7.30i
Viewpoint 15
Y Goffa, West of Welshpool looking
south-west

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View flat at a comfortable arm's length