

Viewpoint Parameters

OS reference:	E316 737, N197 951
Ground Level Elevation:	304m AOD
Camera Height:	1.5m AGL
Direction of view to site centre ³ :	98°
Distance to nearest turbine:	6,443m
Number of blade tips theoretically visible ⁴ :	4
Number of hubs theoretically visible ⁴ :	4
Date and time of viewpoint photography:	08/04/2023 @ 17:05
Camera:	Canon EOS 5D Mk2
Lens:	50mm (Canon EF 50mm f/1.8)

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: LTRECELYN001.WFL

- Hub height: 84.5m
- Rotor diameter: 117m
- Height to blade tip: 143m

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

Trecelyn Wind Farm
Landscape and Visual Impact Assessment

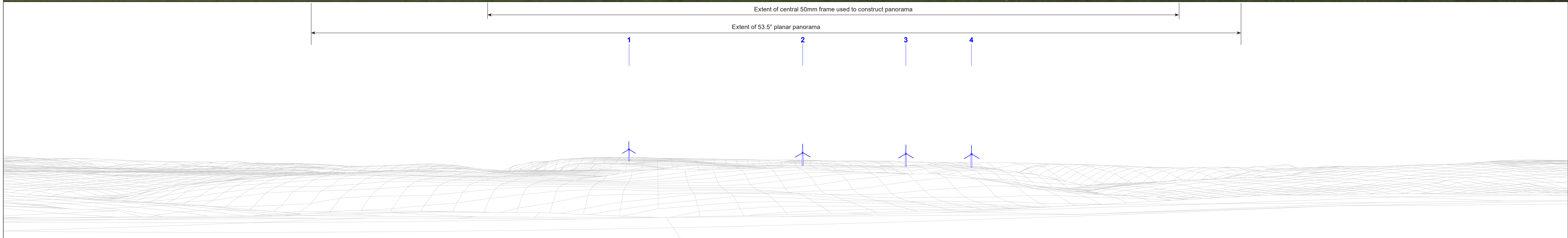
Figure 6.26a
Viewpoint 8: Cefn Fforest / Blackwood Show Fields

October 2023





Baseline photograph



Wireline drawing

View flat at a comfortable arm's length

Wind Farm Key: Trecelyn Wind Farm

OS reference:	E316 737, N197 951	Horizontal field of view:	90° (cylindrical projection)	Camera:	Canon EOS 5D Mk2
Eye level:	222.5m AOD	Principal distance:	522mm	Lens:	50mm (Canon EF 50mm f/1.8)
Direction of view:	97°	Paper size:	841mm x 297mm (half A1)	Camera height:	1.5m AGL
Nearest turbine:	6,443m	Correct printed image size:	820 x 130mm	Date and time:	05/03/2021 13:37

Client	Trecelyn Wind Farm Landscape and Visual Impact Assessment	Figure 6.26b Viewpoint 8: Cefn Fforest / Blackwood Show Fields	October 2023	
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East View

Pen-y-Fan Industrial Estate @ 3,440m

Mynydd Llanhilleth @ 7,188m

Mynydd Maen @ 8,136m

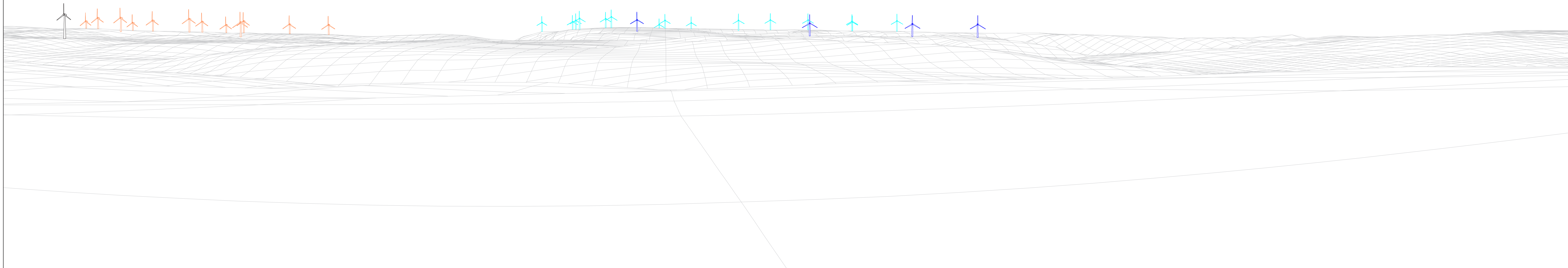
1

2

3

4

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Wireline drawing

Wind Farm Key: Trecelyn Wind Farm Existing Consented Application Scoping

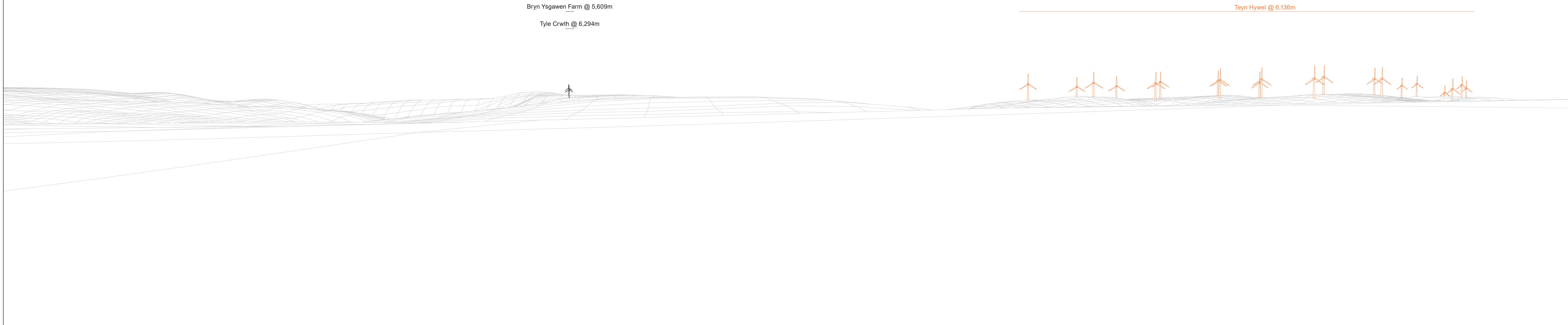
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View flat at a comfortable arm's length

South View

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Wireline drawing

Wind Farm Key: Trecelyn Wind Farm Existing Consented Application Scoping

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Figure 6.26d
Viewpoint 8: Cefn Fforest / Blackwood
Show Fields

October 2023



View flat at a comfortable arm's length

West View

Mynydd Y Glyn @ 15,214m



Llwyncelyn Farm @ 14,164m

Originator: Brycc

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Wireline drawing

View flat at a comfortable arm's length

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Figure 6.26e
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October 2023



North View

Pen March @ 14,709m

Gelli-wen Farm @ 5,257m

Cruglwyn @ 7,488m

Manmoel @ 8,082m

Pen-y-Fan Ganol Farm @ 4,843m

Mynydd Carn-y-Cefn @ 6,102m

Abertillery @ 9,775m


Oakdale Business Park @ 3,015m

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Wireline drawing

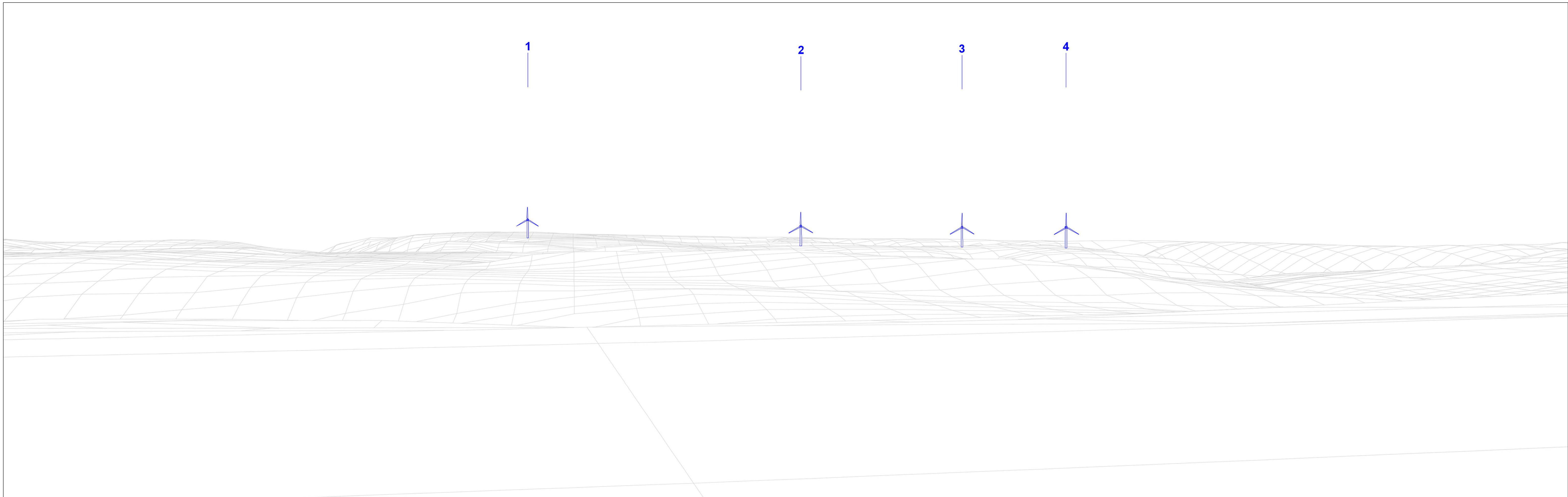
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View flat at a comfortable arm's length

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Wind Farm Key:  Trecelyn Wind Farm

OS reference:	E316 737, N197 951	Horizontal field of view:	53.5° (planar projection)	Camera:	Canon EOS 5D Mk2
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Figure 6.26g
Viewpoint 8: Cefn Fforest / Blackwood
Show Fields

October 2023



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Photomontage

View flat at a comfortable arm's length

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Figure 6.26h
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Photomontage

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Trecelyn Wind Farm
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Figure 6.26i
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