

Figure 7M.8a-d VPM Clatter 62282400-WSPE-FG-SA-00014_R1.indd Originator: UKCGW775



Photomontage (200cd Intensity Lighting)

Note: The light intensity at this location would be between approximately 9-4cd during periods of poor visibility in any direction within 5km. The photomontage provides an impression of the proposed lighting intensity at 200cd (brightest turbine @ 9cd) in accordance with the Proposed Lighting Strategy and assumes clear visibility from the viewpoint location. Meteorological observations suggest that this is likely to occur for approximately 97% of the time. 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:	N299 774, E294 954	Horizontal field of view:	90° (cylindrical projection)	Camera:	Sony ILCE-7RM3A
Eye level:	174.5m AOD	Principal distance:	522mm	Lens:	50mm (Sony FE 50mm f/1.2 GM)
Direction of view:	8°	Paper size:	841mm x 297mm (half A1)	Camera height:	1.5m AGL
Nearest turbine:	2,748m	Correct printed image size:	820 x 260mm	Date and time:	19/11/2025 @ 17:05

Client



Calon Y Gwynt Energy Park
Environmental Impact Assessment
Chapter 7

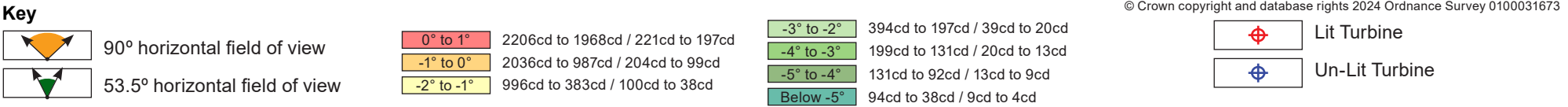
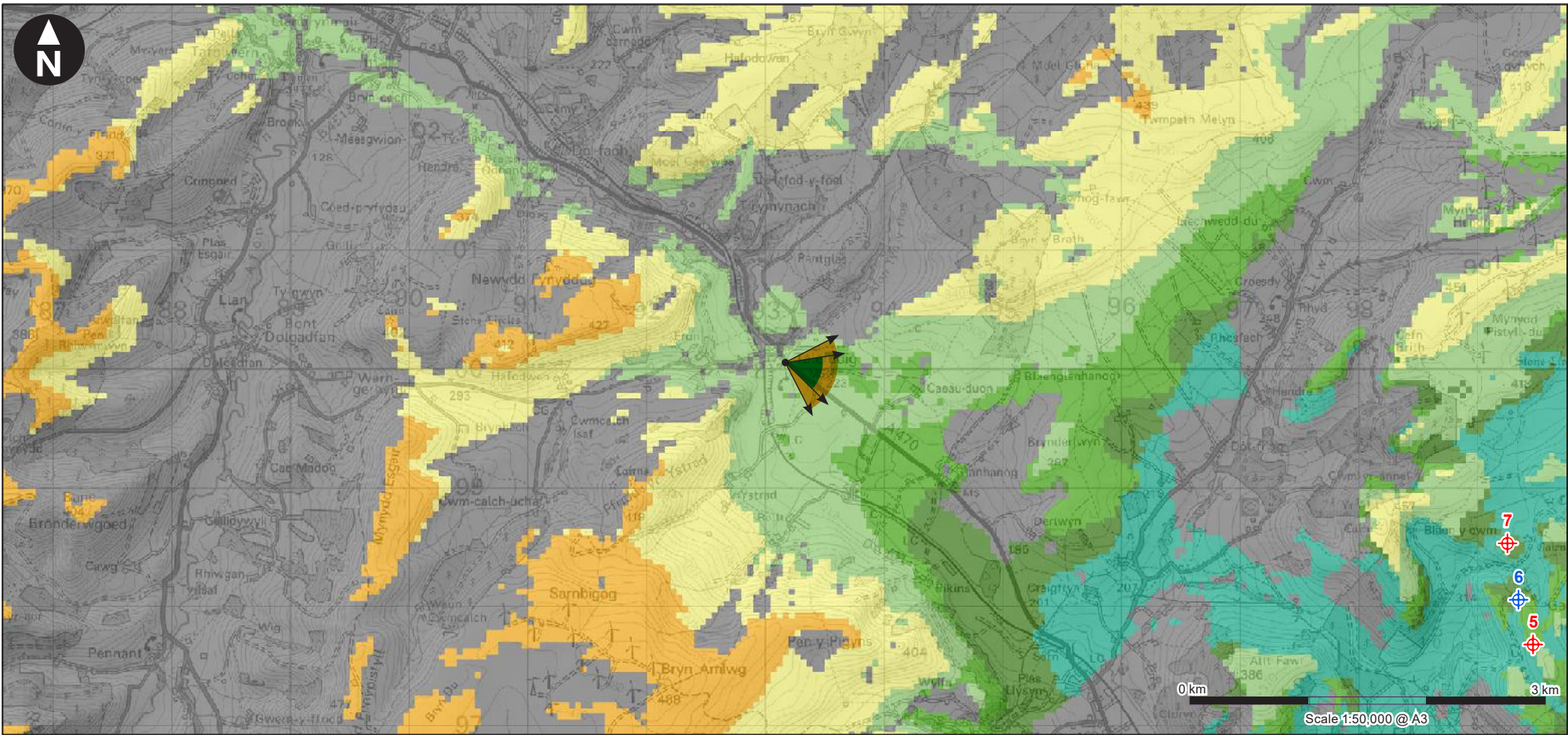
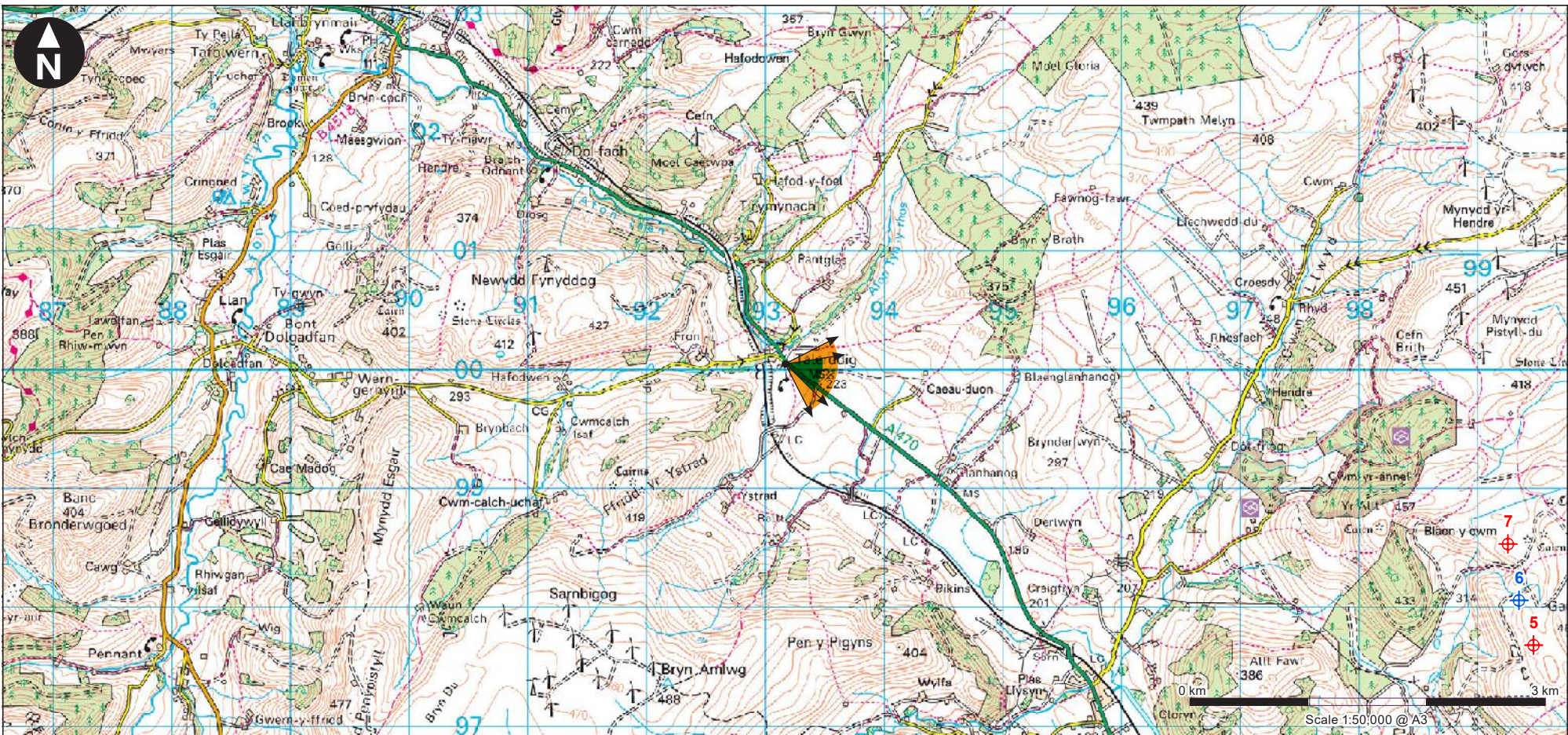
Figure 7M.8d
Viewpoint N1: A470, Clatter

May 2026

Checked: SH
Approved: KW



View flat at a comfortable arm's length



Viewpoint Parameters

OS reference:	N293 174, E300 063
Ground Level Elevation:	222m AOD
Camera Height:	1.5m AGL
Direction of view to site centre ³ :	104°
Distance to nearest turbine:	6,271m
Number of nacelle lighting units theoretically visible ⁴ :	3
Date and time of viewpoint photography:	10/12/2025 @ 16:30
Camera:	Sony ILCE-7RM3A
Lens:	50mm (Sony FE 50mm f/1.2 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: CALONYGWYNT_DESIGN_FREEZE_APR2026.WFL
• Hub height: 118.5m
• Rotor diameter: 163m
• Height to blade tip: 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.
 5. This figure is produced in accordance with SNH Visual Representation of Wind Farms 2017 guidance and also broadly accords with the Landscape Institute's Technical Guidance Note 6/19 (Type 4 Visualisation).

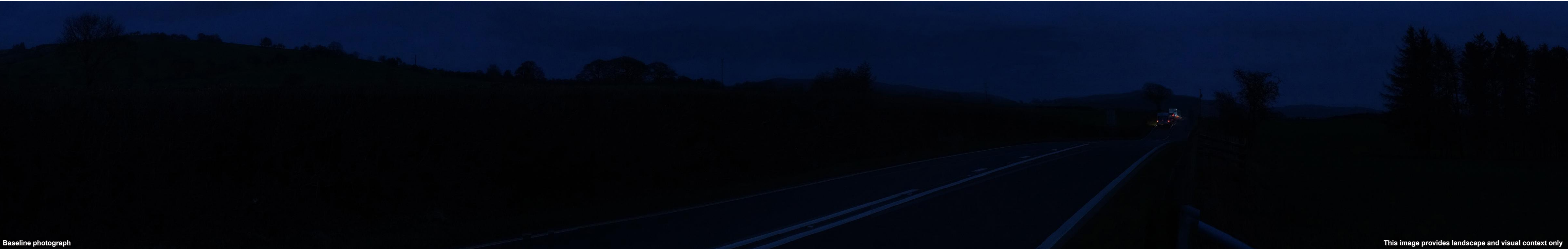
Client

Calon Y Gwynt Energy Park
Environmental Impact Assessment
Chapter 7

Figure 7M.9a
Viewpoint N4: A489, east of Talerddig

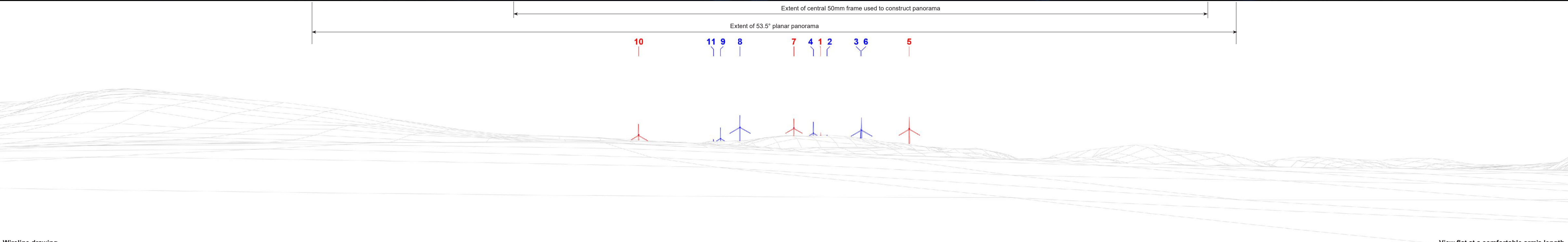
Checked: SH

Approved: KW



Baseline photograph

This image provides landscape and visual context only



Wireline drawing

View flat at a comfortable arm's length

Wind Farm Key: Lit Calon y Gwynt Wind Farm Unlit Calon y Gwynt Wind Farm Lit Scoping Wind Farms Other Unlit Turbines

OS reference:	N293 174, E300 063	Horizontal field of view:	90° (cylindrical projection)	Camera:	Sony ILCE-7RM3A
Eye level:	223.5m AOD	Principal distance:	522mm	Lens:	50mm (Sony FE 50mm f/1.2 GM)
Direction of view:	108°	Paper size:	841mm x 297mm (half A1)	Camera height:	1.5m AGL
Nearest turbine:	6,271m	Correct printed image size:	820 x 130mm	Date and time:	10/12/2025 @ 16:30

Client

wind2

Calon Y Gwynt Energy Park
Environmental Impact Assessment
Chapter 7

Figure 7M.9b
Viewpoint N4: A489, east of Talerddig

May 2026
Checked: SH
Approved: KW

wsp

Figure 7M.9a-d VPM4 Talerddig 02282400-WSP-FC-SA-00015_R2.indd Originator: UKGN775



Photomontage (200cd Intensity Lighting)										View flat at a comfortable arm's length													
Note: The light intensity at this location would be between approximately 39-20cd during periods of poor visibility in any direction within 5km. The photomontage provides an impression of the proposed lighting intensity at 200cd (brightest turbine @ 39cd) in accordance with the Proposed Lighting Strategy and assumes clear visibility from the viewpoint location. Meteorological observations suggest that this is likely to occur for approximately 97% of the time.				OS reference:		N293 174, E300 063		Horizontal field of view:		53.5° (planar projection)		Camera:		Sony ILCE-7RM3A		Client wind2		Calon Y Gwynt Energy Park Environmental Impact Assessment Chapter 7		Figure 7M.9c Viewpoint N4: A489, east of Talerddig		May 2026 Checked: SH Approved: KW wsp	
				Eye level:		223.5m AOD		Principal distance:		812.5mm		Lens:		50mm (Sony FE 50mm f/1.2 GM)									
				Direction of view:		108°		Paper size:		841mm x 297mm (half A1)		Camera height:		1.5m AGL									
				Nearest turbine:		6,271m		Correct printed image size:		820 x 260mm		Date and time:		10/12/2025 @ 16:30									

Figure 7M.9a-d_VPN4_Talerddig_022824-00-WSP-FC-SA-00015_R2.indd Originator: UKGN775



Photomontage (200cd Intensity Lighting)						View flat at a comfortable arm's length			
Note: The light intensity at this location would be between approximately 39-20cd during periods of poor visibility in any direction within 5km. The photomontage provides an impression of the proposed lighting intensity at 200cd (brightest turbine @ 39cd) in accordance with the Proposed Lighting Strategy and assumes clear visibility from the viewpoint location. Meteorological observations suggest that this is likely to occur for approximately 97% of the time. 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.									
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						May 2026		Checked: SH Approved: KW	wsp