

Key

	90° horizontal field of view		1 - 8 blade tips may be visible		18 - 26 blade tips may be visible
	65° horizontal field of view		9 - 17 blade tips may be visible		27 - 35 blade tips may be visible

Viewpoint Parameters

OS reference:	E141 716, N934 331
Ground Level Elevation:	74m AOD
Camera Height:	1.5m AGL
Direction of view to site centre ³ :	252°
Distance to nearest turbine:	3,035m
Number of blade tips theoretically visible ⁴ :	35
Number of hubs theoretically visible ⁴ :	35
Date and time of viewpoint photography:	29/10/2018 @ 14:50
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: LSTORNOWAY045.WFL

- Hub height: 105m/88m
- Rotor diameter: 150m/136m
- Height to blade tip: 180m/156m

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 wireline in sets of 3 and ignores the screening effects of any intervening objects and forestry.

Client



Stornoway Wind Farm
EIA Report

Figure 6.25a
Viewpoint 2: Lewis War Memorial

March 2019



wood.

Southeast

Baseline photograph

This image provides landscape and visual context only

Extent of central 50mm frame used to construct panorama

Arnish Moor @ 5,345m

Creed @ 3,378m




Muaitheabhal Beinn Mhor @ 21,827m

Muaitheabhal East Extension @ 22,064m

Muaitheabhal South Extension @ 25,721m

Wireline drawing

View flat at a comfortable arm's length

Wind Farm Key:  Stornoway Wind Farm  Existing  Consented

OS reference:	E141 716, N934 331	Horizontal field of view:	90° (cylindrical projection)	Camera:	Canon EOS 5D Mk2
Eye level:	75.5m AOD	Principal distance:	522mm	Lens:	50mm (Canon EF 50mm f/1.8)
Direction of view:	162°	Paper size:	841mm x 297mm (half A1)	Camera height:	1.5m AGL
Nearest turbine:	3,035m	Correct printed image size:	820 x 130mm	Date and time:	29/10/2018 14:50



Stornoway Wind Farm
EIA Report

Figure 6.25b
Viewpoint 2: Lewis War Memorial

March 2019

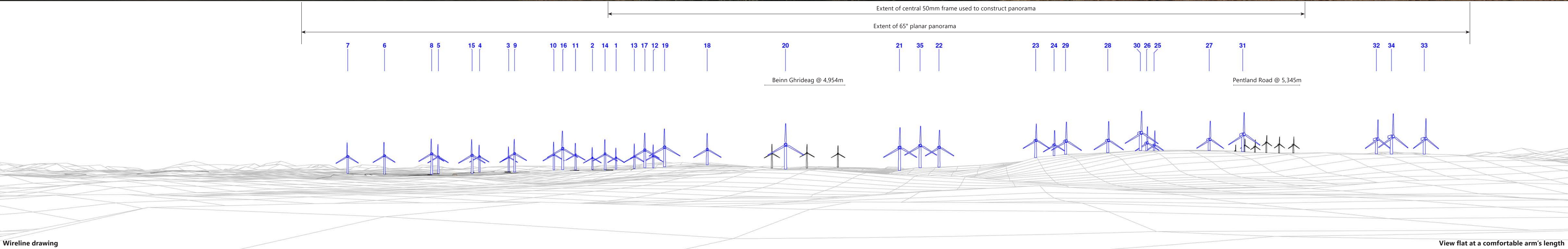


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Southwest

Baseline photograph

This image provides landscape and visual context only



Wireline drawing

View flat at a comfortable arm's length

Wind Farm Key: Stornoway Wind Farm Existing Consented

OS reference:	E141 716, N934 331	Horizontal field of view:	90° (cylindrical projection)	Camera:	Canon EOS 5D Mk2
Eye level:	75.5m AOD	Principal distance:	522mm	Lens:	50mm (Canon EF 50mm f/1.8)
Direction of view:	262°	Paper size:	841mm x 297mm (half A1)	Camera height:	1.5m AGL
Nearest turbine:	3,035m	Correct printed image size:	820 x 130mm	Date and time:	29/10/2018 14:50

Client
 Lewis Wind Power
Cumhachd Gaoithe

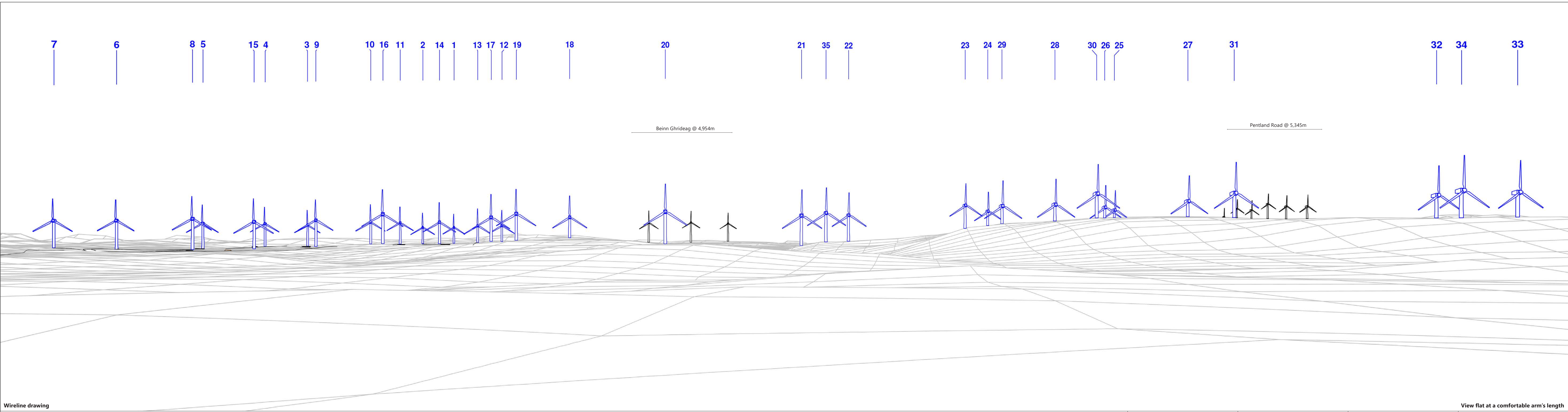
Stornoway Wind Farm
EIA Report

Figure 6.25c
Viewpoint 2: Lewis War Memorial

March 2019

wood.

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Wireline drawing

Wind Farm Key: Stornoway Wind Farm Existing Consented

Note:
In order to show all of the turbines on this wireline and the photomontage over the page, the planer projection has been increased from the standard 53.5° field of view to 65° field of view with the permission of SNH. The scale of the turbines remains unchanged and otherwise accords with the SNH Visual Representation of Wind Farms Guidance: Version 2.2, February 2017.

OS reference:	E141 716, N934 331	Horizontal field of view:	65° (planar projection)	Camera:	Canon EOS 5D Mk2
Eye level:	75.5m AOD	Principal distance:	812.5mm	Lens:	50mm (Canon EF 50mm f/1.8)
Direction of view:	262°	Paper size:	1016.3mm x 297mm	Camera height:	1.5m AGL
Nearest turbine:	3,035m	Correct printed image size:	996.3 x 260mm	Date and time:	29/10/2018 14:50

Client

**Lewis Wind Power**
Cumhachd Gaoilthe

Stornoway Wind Farm
EIA Report

Figure 6.25d
Viewpoint 2: Lewis War Memorial

March 2019

Originator: brycc
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Photomontage

Note:
In order to show all of the turbines on this photomontage and the wireline on the previous page, the planer projection has been increased from the standard 53.5° field of view to 65° field of view with the permission of SNH. The scale of the turbines remains unchanged and otherwise accords with the SNH Visual Representation of Wind Farms Guidance: Version 2.2, February 2017.

Note:
Areas of Proposed Plantation Forestry have been illustrated on this photomontage, where visible, and represents the forestry within the 'Planned New Plantings' boundaries as per Figure 9B.3 in the EIA Report


OS reference:	E141 716, N934 331	Horizontal field of view:	65° (planar projection)	Camera:	Canon EOS 5D Mk2
Eye level:	75.5m AOD	Principal distance:	812.5mm	Lens:	50mm (Canon EF 50mm f/1.8)
Direction of view:	262°	Paper size:	1016.3mm x 297mm	Camera height:	1.5m AGL
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Client

**Lewis Wind Power**
Cumhachd Gaoilthe

Stornoway Wind Farm
EIA Report

Figure 6.25e
Viewpoint 2: Lewis War Memorial

March 2019


wood.




View flat at a comfortable arm's length

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Photomontage

View flat at a comfortable arm's length

Note: Areas of Proposed Plantation Forestry have been illustrated on this photomontage, where visible, and represents the forestry within the 'Planned New Plantings' boundaries as per Figure 9B.3 in the EIA Report			OS reference: Eye level: Direction of view: Nearest turbine:	E141 716, N934 331 75.5m AOD 262° 3,035m	Horizontal field of view: Principal distance: Paper size: Correct printed image size:	90° (cylindrical projection) 522mm 841mm x 297mm (half A1) 820 x 260mm	Camera: Lens: Camera height: Date and time:	Canon EOS 5D Mk2 50mm (Canon EF 50mm f/1.8) 1.5m AGL 29/10/2018 14:50	Client  Lewis Wind Power Cumhachd Gaoithe	Stornoway Wind Farm EIA Report	Figure 6.25f Viewpoint 2: Lewis War Memorial	March 2019 	
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