

# Coolglass Wind Farm

LVIA Photomontages  
Book 1: VP1 - VP15

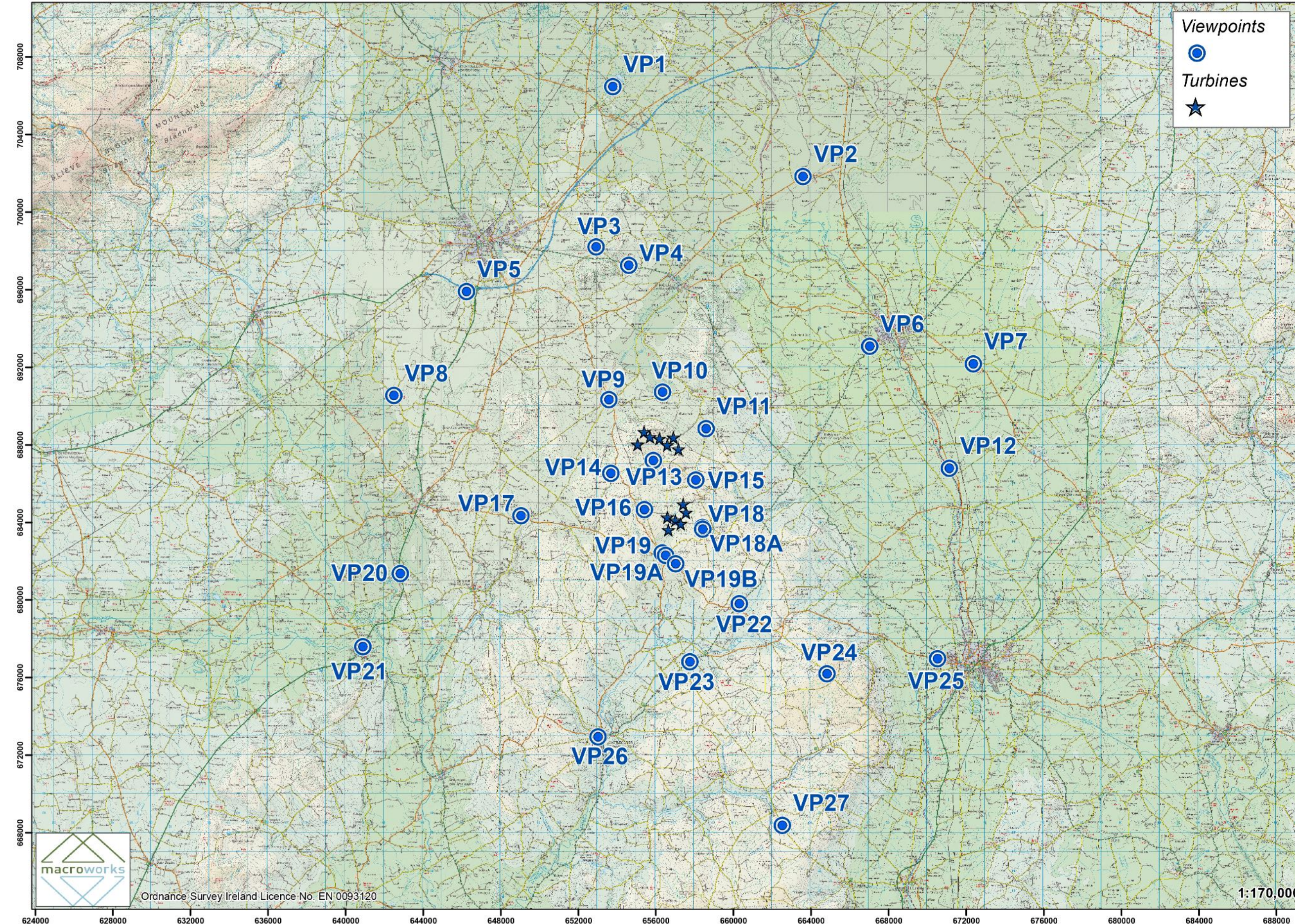
This book contains imagery for the  
viewpoints chosen for the LVIA study

June 2023



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LVIA viewpoints locations selected for the Coolglass Wind Farm project



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 \*Please Note: The proposed wind farm is not visible from this viewpoint as it is completely screened by existing vegetation and/or terrain

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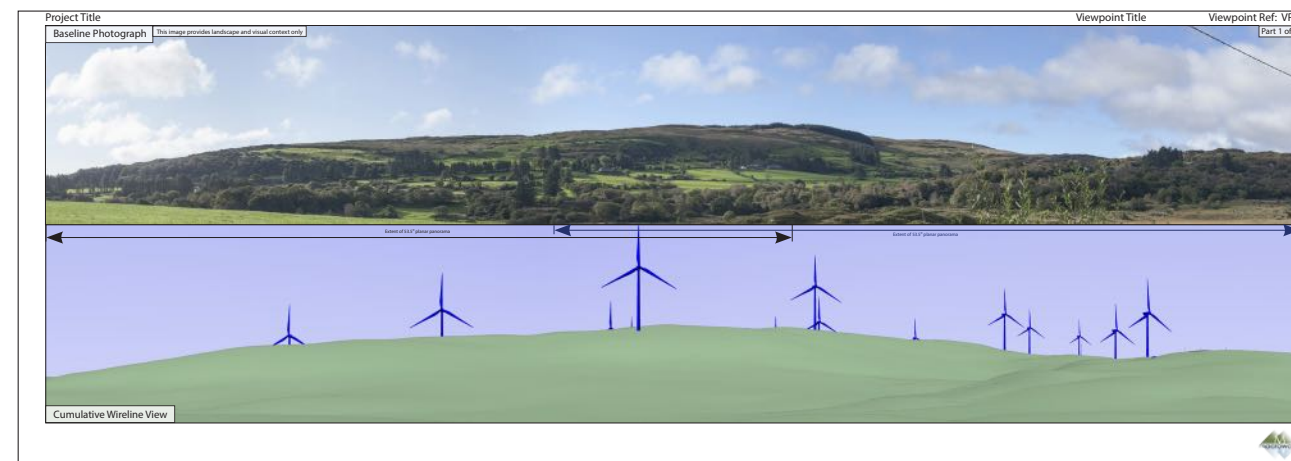
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How photomontages are presented for each viewpoint

### Sheet 1: 90° Baseline panorama and matching wireline



#### What is Displayed

90° Baseline Panorama Photograph and matching Cumulative Wireline (Cylindrical Projection - to be viewed curved):

The top image depicts a 90° (included angle) Baseline panorama generated from captured photography.

The bottom image depicts a 90° (included angle) matching computer generated wireline. This image includes the proposed wind farm development and includes other cumulative wind farm developments (existing and/or permitted and/or proposed wind farm developments in the public domain). Extent bars indicate the extent of the 53.5° Panoramic Photomontage/Wireline Views within the depicted 90° Baseline views.

Information relating to the viewpoint, proposed development and photography capture are included.

A small thumbnail map is included which indicates the location of the viewpoint and the direction and extent of the depicted view.

A coloured legend referencing turbines are also included to help distinguish the proposed turbines from the other cumulative turbines.

#### Rationale

As required by the SNH guidelines, the purpose of the baseline panorama and wireline is to provide wider landscape and visual context to help the viewer understand where development sits within the wider landscape. The wireline also illustrates cumulative effects and provides the viewer with the full cumulative context. The baseline panorama is not intended to represent how large or small the turbines will appear in reality or how close they will appear to the viewer.

### Sheet 2 (provided where necessary): Contextual Panoramic Photomontage View (120° - 180°)



Contextual Panoramic Photomontage View (ranging from 120° to 180°) (Cylindrical Projection - to be viewed curved):

The image demonstrates a contextual panoramic photomontage view (ranging from 120° to 180° included angle) which is generated from captured photography. It includes the proposed wind farm development and includes only other existing cumulative wind farm developments.

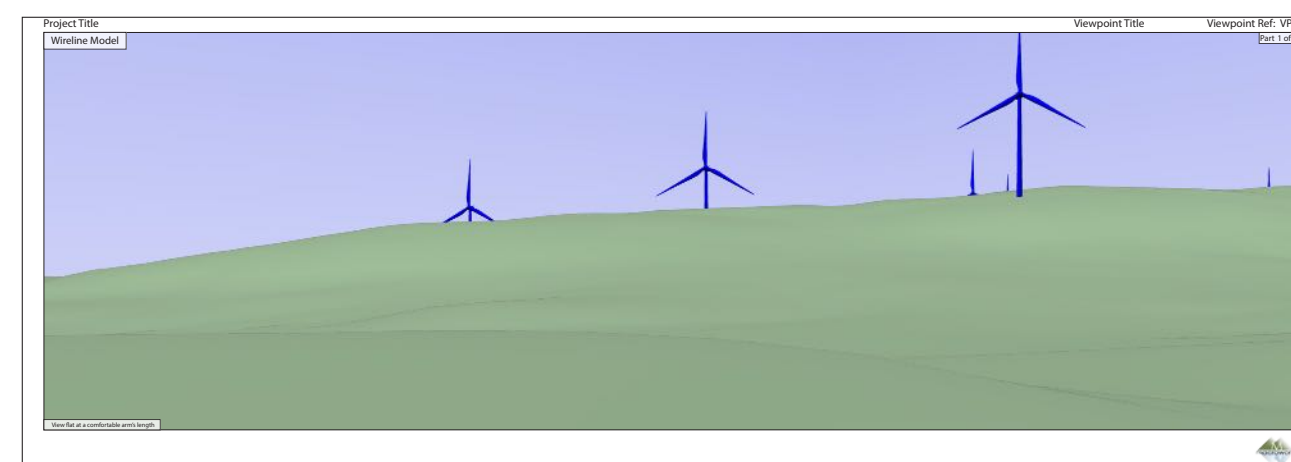
Extent bars indicate the extent of both the 53.5° Panoramic Photomontage/Wireline Views and the 90° Baseline Views within the depicted Contextual Panoramic Photomontage View.

Information relating to the viewpoint, proposed development and photography capture are included.

A small thumbnail map is included which indicates the location of the viewpoint and the direction and extent of the depicted view.

An additional page not required by the guidelines, this contextual photomontage view is included to give a broader context to the viewer. It is generally included where there are multiple 90° and 53.5° views, which are required by the guidelines, for a particular viewpoint.

### Sheet 3: 53.5° Wireline View



53.5° Wireline View (Planar Projection - to be viewed flat)

This image shows a 53.5° (included angle) Wireline View which matches the 53.5° Panoramic Photomontage View. It includes the proposed wind farm development and includes other cumulative wind farm developments (existing and/or permitted and/or proposed wind farm developments in the public domain).

Wirelines are computer-generated images which depict the 'bare ground' terrain along with the proposed wind farm development and other cumulative wind farms developments within the depicted view. They are generated in GIS (Geographic Information System) mapping software based from a DTM (Digital Terrain Model).

Information relating to the viewpoint, proposed development and photography capture are included.

A small thumbnail map is included which indicates the location of the viewpoint and the direction and extent of the depicted view.

A coloured legend referencing turbines are also included to help distinguish the proposed turbines from the other cumulative turbines.

As required by the SNH guidelines, the A1 wireline is intended to provide the best impression of the apparent size of the turbines and the distance to the development from the viewpoint location.

It illustrates the 'bare ground' visibility and a provide a clear view of the wind farm to inform the assessment. **Only images at this scale, held at a comfortable arms length, should be used when trying to understand the size of the development and its distance from the viewpoint.**

### Sheet 4: 53.5° Panoramic Photomontage View



53.5° Panoramic Photomontage View (Planar Projection - to be viewed flat):

This image demonstrates a 53.5° (included angle) photomontage generated from captured photography. It includes the proposed wind farm development and includes only other existing cumulative wind farm developments.

Information relating to the viewpoint, proposed development and photography capture are included.

A small thumbnail map is included which indicates the location of the viewpoint and the direction and extent of the depicted view.

As required by the SNH guidelines, the A1 panorama is intended to provide the best impression of the apparent size of the turbines and the distance to the development from the viewpoint location. **Only images at this scale, held at a comfortable arms length, should be used when trying to understand the size of the development and its distance from the viewpoint.**

Baseline Photograph This image provides landscape and visual context only



Cumulative Wireline View

Extent of 53.5° planar panorama



This cylindrical projection panorama has been captured, prepared and presented in accordance with the guidance set out in the Scottish Natural Heritage 2017 guidance 'Visual Representation of Wind Farms'.

- Proposed Turbines
- Existing Turbines
- Permitted Turbines



National Grid Coordinate (ITM)  
 Easting: 653772  
 Northing: 706475  
 Elevation: 98.9 m

Horizontal Field of View: 90 ° (cylindrical projection)  
 Principal Distance: 522 mm  
 Turbine Tip Height: 180m  
 Turbine Hub Height: 99m  
 Turbine Rotor Diameter: 162m

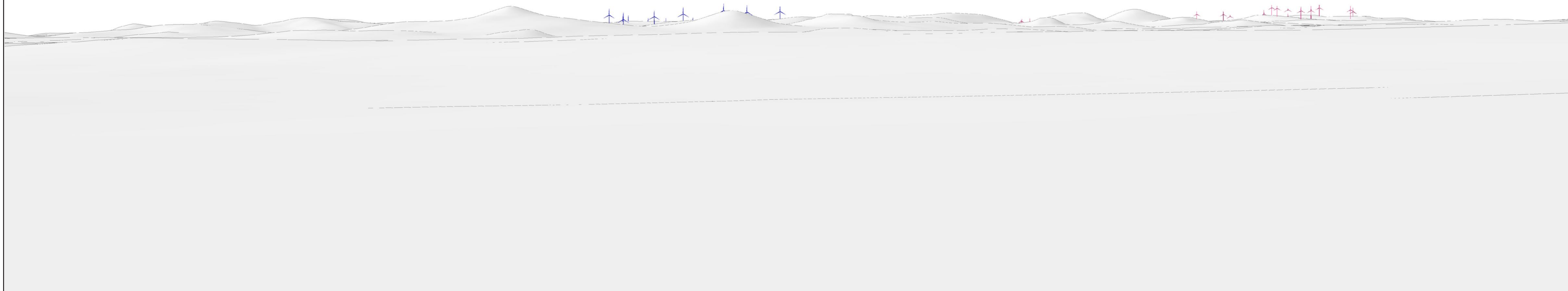
Date and Time: 04/11/2022 13:38  
 Camera: Canon 5D Mark II  
 Lens: Fixed 50mm  
 Camera Height: 1.7m (AGL)

Direction (clockwise from Grid N): 166 °  
 Distance to Nearest Visible Turbine: 17.9 km  
 Nearest Turbine: T2



Wireline Model

Part 1 of 1



View flat at a comfortable arm's length

This planar projection panoramic model has been prepared and presented in accordance with the guidance set out in the Scottish Natural Heritage 2017 guidance 'Visual Representation of Wind Farms'.



National Grid Coordinate (ITM)  
 Easting: 653772  
 Northing: 706475  
 Elevation: 98.9 m

Horizontal Field of View: 53.5 ° (planar projection)  
 Principal Distance: 812.5 mm  
 Paper size: (half A1) 841 x 297 mm  
 Correct printed image size: 820 x 260 mm

Date and Time: 04/11/2022 13:38  
 Camera: Canon 5D Mark II  
 Lens: Fixed 50mm  
 Camera Height: 1.7m (AGL)

Direction (clockwise from Grid N): 176 °  
 Distance to Nearest Visible Turbine: 17.9 km  
 Nearest Turbine: T2



Photomontage

Part 1 of 1



View flat at a comfortable arm's length

This planar projection panorama has been captured, prepared and presented in accordance with the guidance set out in the Scottish Natural Heritage 2017 guidance 'Visual Representation of Wind Farms'.



National Grid Coordinate (ITM)  
 Easting: 653772  
 Northing: 706475  
 Elevation: 98.9 m

Horizontal Field of View: 53.5 ° (planar projection)  
 Principal Distance: 812.5 mm  
 Paper size: (half A1) 841 x 297 mm  
 Correct printed image size: 820 x 260 mm

Date and Time: 04/11/2022 13:38  
 Camera: Canon 5D Mark II  
 Lens: Fixed 50mm  
 Camera Height: 1.7m (AGL)

Direction (clockwise from Grid N): 176 °  
 Distance to Nearest Visible Turbine: 17.9 km  
 Nearest Turbine: T2



Baseline Photograph

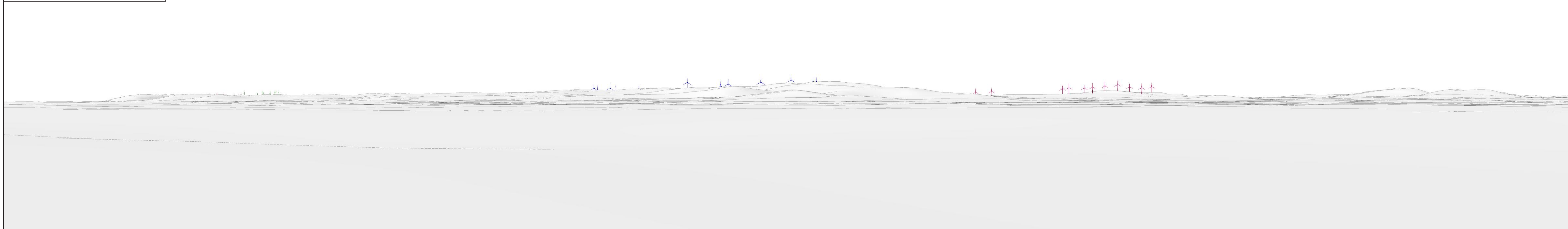
This image provides landscape and visual context only

Part 1 of 1



Cumulative Wireline View

Please Note: The proposed wind farm is not visible from this viewpoint as it is completely screened by existing vegetation and/or terrain



This cylindrical projection panorama has been captured, prepared and presented in accordance with the guidance set out in the Scottish Natural Heritage 2017 guidance 'Visual Representation of Wind Farms'.

- Proposed Turbines
- Existing Turbines
- Permitted Turbines



National Grid Coordinate (ITM)  
 Easting: 663592  
 Northing: 701841  
 Elevation: 58.9 m

Horizontal Field of View: 90 ° (cylindrical projection)  
 Principal Distance: 522 mm  
 Turbine Tip Height: 180m  
 Turbine Hub Height: 99m  
 Turbine Rotor Diameter: 162m

Date and Time: 06/09/2022 16:17  
 Camera: Canon 5D Mark II  
 Lens: Fixed 50mm  
 Camera Height: 1.7m (AGL)

Direction (clockwise from Grid N): 210 °  
 Distance to Nearest Visible Turbine: N/A km  
 Nearest Turbine: T5



Baseline Photograph This image provides landscape and visual context only



Cumulative Wireline View

Please Note: The proposed wind farm is not visible from this viewpoint as it is completely screened by existing vegetation and/or terrain



This cylindrical projection panorama has been captured, prepared and presented in accordance with the guidance set out in the Scottish Natural Heritage 2017 guidance 'Visual Representation of Wind Farms'.

- Proposed Turbines
- Existing Turbines
- Permitted Turbines



National Grid Coordinate (ITM)  
 Easting: 652904  
 Northing: 698208  
 Elevation: 197.2 m

Horizontal Field of View: 90 ° (cylindrical projection)  
 Principal Distance: 522 mm  
 Turbine Tip Height: 180m  
 Turbine Hub Height: 99m  
 Turbine Rotor Diameter: 162m

Date and Time: 03/11/2021 16:21  
 Camera: Canon 5D Mark II  
 Lens: Fixed 50mm  
 Camera Height: 1.7m (AGL)

Direction (clockwise from Grid N):  
 Distance to Nearest Visible Turbine:  
 Nearest Turbine:

164 °  
 N/A km  
 T2





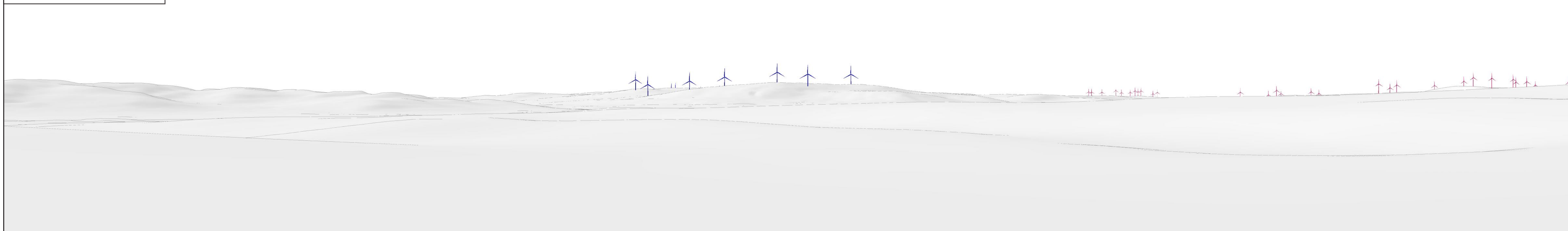
Baseline Photograph

This image provides landscape and visual context only



Cumulative Wireline View

Extent of 53.5° planar panorama



This cylindrical projection panorama has been captured, prepared and presented in accordance with the guidance set out in the Scottish Natural Heritage 2017 guidance 'Visual Representation of Wind Farms'.

- Proposed Turbines
- Existing Turbines
- Permitted Turbines



National Grid Coordinate (ITM)  
 Easting: 654594  
 Northing: 697261  
 Elevation: 123.2 m

Horizontal Field of View: 90 ° (cylindrical projection)  
 Principal Distance: 522 mm  
 Turbine Tip Height: 180m  
 Turbine Hub Height: 99m  
 Turbine Rotor Diameter: 162m

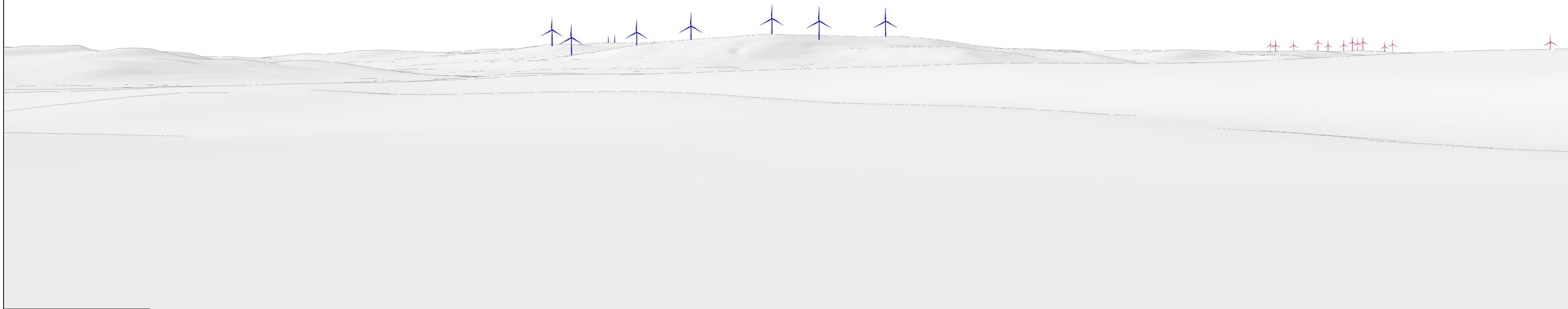
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 Camera: Canon 5D Mark II  
 Lens: Fixed 50mm  
 Camera Height: 1.7m (AGL)

Direction (clockwise from Grid N): 174 °  
 Distance to Nearest Visible Turbine: 8.7 km  
 Nearest Turbine: T2



Wireline Model

Part 1 of 1



View flat at a comfortable arm's length

This planar projection panoramic model has been prepared and presented in accordance with the guidance set out in the Scottish Natural Heritage 2017 guidance 'Visual Representation of Wind Farms'.



National Grid Coordinate (ITM)  
 Easting: 654594  
 Northing: 697261  
 Elevation: 123.2 m

Horizontal Field of View: 53.5 ° (planar projection)  
 Principal Distance: 812.5 mm  
 Paper size: (half A1) 841 x 297 mm  
 Correct printed image size: 820 x 260 mm

Date and Time: 04/11/2022 12:44  
 Camera: Canon 5D Mark II  
 Lens: Fixed 50mm  
 Camera Height: 1.7m (AGL)

Direction (clockwise from Grid N): 174 °  
 Distance to Nearest Visible Turbine: 8.7 km  
 Nearest Turbine: T2



Photomontage

Part 1 of 1



View flat at a comfortable arm's length

This planar projection panorama has been captured, prepared and presented in accordance with the guidance set out in the Scottish Natural Heritage 2017 guidance 'Visual Representation of Wind Farms'.



National Grid Coordinate (ITM)  
 Easting: 654594  
 Northing: 697261  
 Elevation: 123.2 m

Horizontal Field of View: 53.5 ° (planar projection)  
 Principal Distance: 812.5 mm  
 Paper size: (half A1) 841 x 297 mm  
 Correct printed image size: 820 x 260 mm

Date and Time: 04/11/2022 12:44  
 Camera: Canon 5D Mark II  
 Lens: Fixed 50mm  
 Camera Height: 1.7m (AGL)

Direction (clockwise from Grid N): 174 °  
 Distance to Nearest Visible Turbine: 8.7 km  
 Nearest Turbine: T2



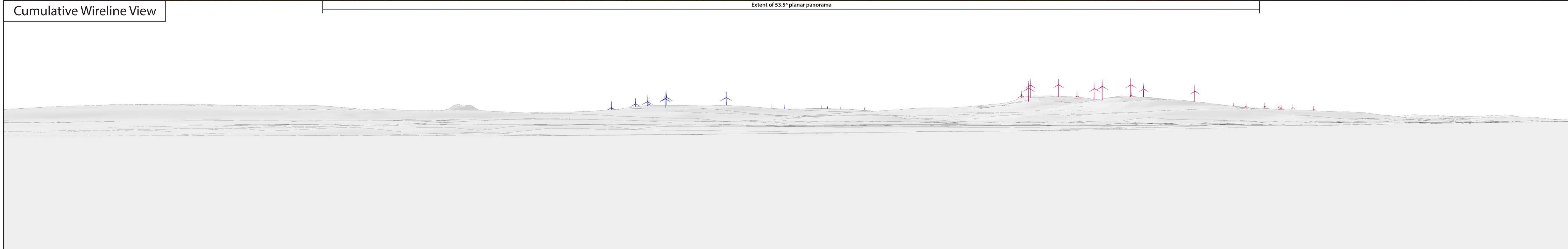
Baseline Photograph

This image provides landscape and visual context only



Cumulative Wireline View

Extent of 53.5° planar panorama



This cylindrical projection panorama has been captured, prepared and presented in accordance with the guidance set out in the Scottish Natural Heritage 2017 guidance 'Visual Representation of Wind Farms'.

-  Proposed Turbines
-  Existing Turbines
-  Permitted Turbines



National Grid Coordinate (ITM)  
 Easting: 646226  
 Northing: 695910  
 Elevation: 111.7 m

Horizontal Field of View: 90 ° (cylindrical projection)  
 Principal Distance: 522 mm  
 Turbine Tip Height: 180m  
 Turbine Hub Height: 99m  
 Turbine Rotor Diameter: 162m

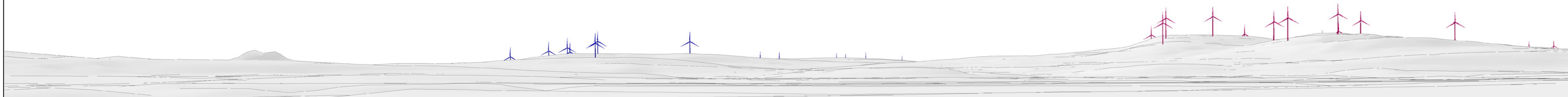
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 Camera: Canon 5D Mark II  
 Lens: Fixed 50mm  
 Camera Height: 1.7m (AGL)

Direction (clockwise from Grid N): 136 °  
 Distance to Nearest Visible Turbine: 11.7 km  
 Nearest Turbine: T2



Wireline Model

Part 1 of 1



View flat at a comfortable arm's length

This planar projection panoramic model has been prepared and presented in accordance with the guidance set out in the Scottish Natural Heritage 2017 guidance 'Visual Representation of Wind Farms'.



National Grid Coordinate (ITM)  
 Easting: 646226  
 Northing: 695910  
 Elevation: 111.7 m

Horizontal Field of View: 53.5 ° (planar projection)  
 Principal Distance: 812.5 mm  
 Paper size: (half A1) 841 x 297 mm  
 Correct printed image size: 820 x 260 mm

Date and Time: 04/11/2022 13:00  
 Camera: Canon 5D Mark II  
 Lens: Fixed 50mm  
 Camera Height: 1.7m (AGL)

Direction (clockwise from Grid N): 136 °  
 Distance to Nearest Visible Turbine: 11.7 km  
 Nearest Turbine: T2



Photomontage

Part 1 of 1



View flat at a comfortable arm's length

This planar projection panorama has been captured, prepared and presented in accordance with the guidance set out in the Scottish Natural Heritage 2017 guidance 'Visual Representation of Wind Farms'.



National Grid Coordinate (ITM)  
 Easting: 646226  
 Northing: 695910  
 Elevation: 111.7 m

Horizontal Field of View: 53.5 ° (planar projection)  
 Principal Distance: 812.5 mm  
 Paper size: (half A1) 841 x 297 mm  
 Correct printed image size: 820 x 260 mm

Date and Time: 04/11/2022 13:00  
 Camera: Canon 5D Mark II  
 Lens: Fixed 50mm  
 Camera Height: 1.7m (AGL)

Direction (clockwise from Grid N): 136 °  
 Distance to Nearest Visible Turbine: 11.7 km  
 Nearest Turbine: T2



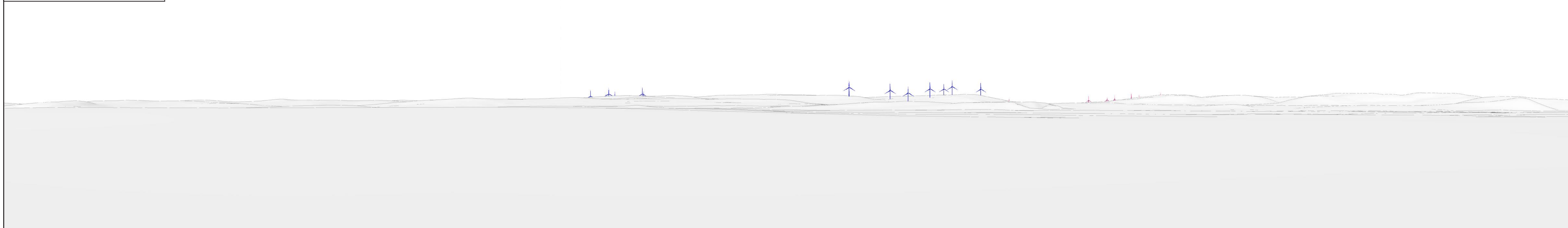
Baseline Photograph This image provides landscape and visual context only

Part 1 of 1



Cumulative Wireline View

Extent of 53.5° planar panorama



This cylindrical projection panorama has been captured, prepared and presented in accordance with the guidance set out in the Scottish Natural Heritage 2017 guidance 'Visual Representation of Wind Farms'.

- Proposed Turbines
- Existing Turbines
- Permitted Turbines



National Grid Coordinate (ITM)  
 Easting: 667026  
 Northing: 693090  
 Elevation: 60.7 m

Horizontal Field of View: 90 ° (cylindrical projection)  
 Principal Distance: 522 mm  
 Turbine Tip Height: 180m  
 Turbine Hub Height: 99m  
 Turbine Rotor Diameter: 162m

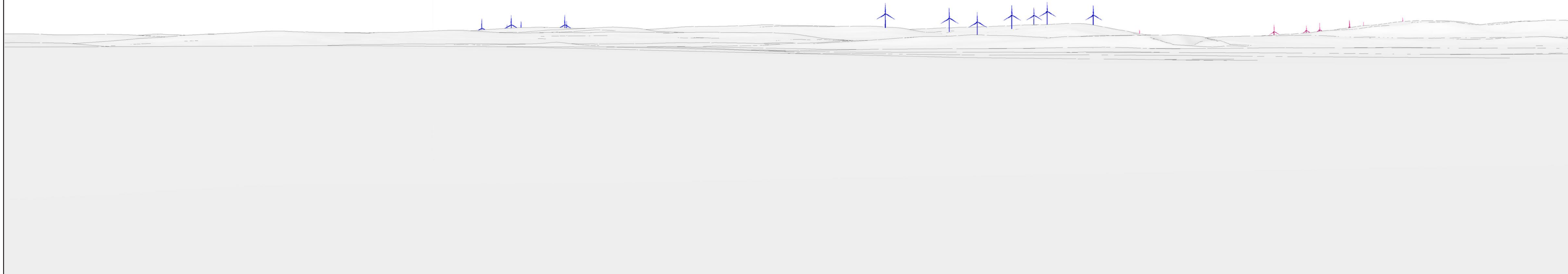
Date and Time: 06/09/2022 14:49  
 Camera: Canon 5D Mark II  
 Lens: Fixed 50mm  
 Camera Height: 1.7m (AGL)

Direction (clockwise from Grid N): 239 °  
 Distance to Nearest Visible Turbine: 11.2 km  
 Nearest Turbine: T5



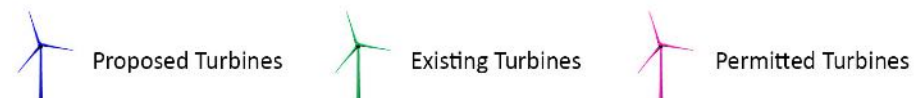
Wireline Model

Part 1 of 1



View flat at a comfortable arm's length

This planar projection panoramic model has been prepared and presented in accordance with the guidance set out in the Scottish Natural Heritage 2017 guidance 'Visual Representation of Wind Farms'.



National Grid Coordinate (ITM)  
 Easting: 667026  
 Northing: 693090  
 Elevation: 60.7 m

Horizontal Field of View: 53.5 ° (planar projection)  
 Principal Distance: 812.5 mm  
 Paper size: (half A1) 841 x 297 mm  
 Correct printed image size: 820 x 260 mm

Date and Time: 06/09/2022 14:49  
 Camera: Canon 5D Mark II  
 Lens: Fixed 50mm  
 Camera Height: 1.7m (AGL)

Direction (clockwise from Grid N): 239 °  
 Distance to Nearest Visible Turbine: 11.2 km  
 Nearest Turbine: T5





Photomontage

Part 1 of 1



View flat at a comfortable arm's length

This planar projection panorama has been captured, prepared and presented in accordance with the guidance set out in the Scottish Natural Heritage 2017 guidance 'Visual Representation of Wind Farms'.



National Grid Coordinate (ITM)  
 Easting: 667026  
 Northing: 693090  
 Elevation: 60.7 m

Horizontal Field of View: 53.5 ° (planar projection)  
 Principal Distance: 812.5 mm  
 Paper size: (half A1) 841 x 297 mm  
 Correct printed image size: 820 x 260 mm

Date and Time: 06/09/2022 14:49  
 Camera: Canon 5D Mark II  
 Lens: Fixed 50mm  
 Camera Height: 1.7m (AGL)

Direction (clockwise from Grid N): 239 °  
 Distance to Nearest Visible Turbine: 11.2 km  
 Nearest Turbine: T5

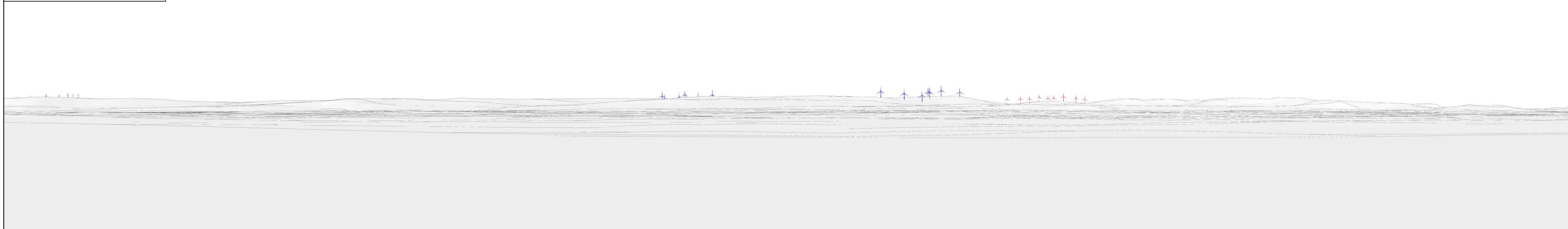


Baseline Photograph This image provides landscape and visual context only



Cumulative Wireline View

Extent of 53.5° planar panorama



This cylindrical projection panorama has been captured, prepared and presented in accordance with the guidance set out in the Scottish Natural Heritage 2017 guidance 'Visual Representation of Wind Farms'.

-  Proposed Turbines
-  Existing Turbines
-  Permitted Turbines



National Grid Coordinate (ITM)  
 Easting: 672368  
 Northing: 692189  
 Elevation: 79.0 m

Horizontal Field of View: 90 ° (cylindrical projection)  
 Principal Distance: 522 mm  
 Turbine Tip Height: 180m  
 Turbine Hub Height: 99m  
 Turbine Rotor Diameter: 162m

Date and Time: 06/09/2022 15:53  
 Camera: Canon 5D Mark II  
 Lens: Fixed 50mm  
 Camera Height: 1.7m (AGL)

Direction (clockwise from Grid N): 250 °  
 Distance to Nearest Visible Turbine: 15.9 km  
 Nearest Turbine: T7



Wireline Model

Part 1 of 1



View flat at a comfortable arm's length

This planar projection panoramic model has been prepared and presented in accordance with the guidance set out in the Scottish Natural Heritage 2017 guidance 'Visual Representation of Wind Farms'.



National Grid Coordinate (ITM)  
 Easting: 672368  
 Northing: 692189  
 Elevation: 79.0 m

Horizontal Field of View: 53.5 ° (planar projection)  
 Principal Distance: 812.5 mm  
 Paper size: (half A1) 841 x 297 mm  
 Correct printed image size: 820 x 260 mm

Date and Time: 06/09/2022 15:53  
 Camera: Canon 5D Mark II  
 Lens: Fixed 50mm  
 Camera Height: 1.7m (AGL)

Direction (clockwise from Grid N): 250 °  
 Distance to Nearest Visible Turbine: 15.9 km  
 Nearest Turbine: T7



Photomontage

Part 1 of 1



View flat at a comfortable arm's length

This planar projection panorama has been captured, prepared and presented in accordance with the guidance set out in the Scottish Natural Heritage 2017 guidance 'Visual Representation of Wind Farms'.



National Grid Coordinate (ITM)  
 Easting: 672368  
 Northing: 692189  
 Elevation: 79.0 m

Horizontal Field of View: 53.5 ° (planar projection)  
 Principal Distance: 812.5 mm  
 Paper size: (half A1) 841 x 297 mm  
 Correct printed image size: 820 x 260 mm

Date and Time: 06/09/2022 15:53  
 Camera: Canon 5D Mark II  
 Lens: Fixed 50mm  
 Camera Height: 1.7m (AGL)

Direction (clockwise from Grid N): 250 °  
 Distance to Nearest Visible Turbine: 15.9 km  
 Nearest Turbine: T7



Baseline Photograph

This image provides landscape and visual context only

Part 1 of 1



Cumulative Wireline View

Extent of 53.5° planar panorama



This cylindrical projection panorama has been captured, prepared and presented in accordance with the guidance set out in the Scottish Natural Heritage 2017 guidance 'Visual Representation of Wind Farms'.

- Proposed Turbines
- Existing Turbines
- Permitted Turbines



National Grid Coordinate (ITM)  
 Easting: 642487  
 Northing: 690549  
 Elevation: 132.2 m

Horizontal Field of View: 90 ° (cylindrical projection)  
 Principal Distance: 522 mm  
 Turbine Tip Height: 180m  
 Turbine Hub Height: 99m  
 Turbine Rotor Diameter: 162m

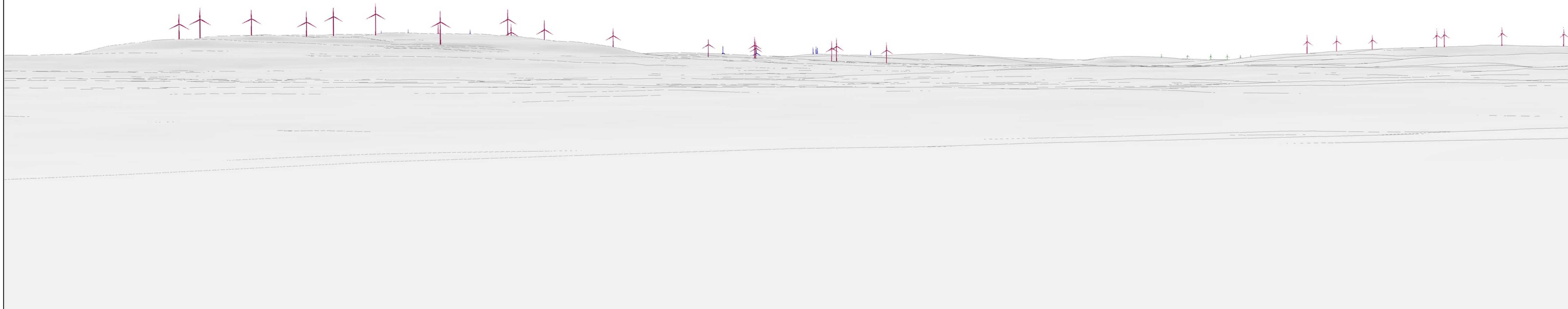
Date and Time: 03/11/2021 14:48  
 Camera: Canon 5D Mark II  
 Lens: Fixed 50mm  
 Camera Height: 1.7m (AGL)

Direction (clockwise from Grid N): 113 °  
 Distance to Nearest Visible Turbine: 12.8 km  
 Nearest Turbine: T1



Wireline Model

Part 1 of 1



View flat at a comfortable arm's length

This planar projection panoramic model has been prepared and presented in accordance with the guidance set out in the Scottish Natural Heritage 2017 guidance 'Visual Representation of Wind Farms'.



National Grid Coordinate (ITM)  
 Easting: 642487  
 Northing: 690549  
 Elevation: 132.2 m

Horizontal Field of View: 53.5 ° (planar projection)  
 Principal Distance: 812.5 mm  
 Paper size: (half A1) 841 x 297 mm  
 Correct printed image size: 820 x 260 mm

Date and Time: 03/11/2021 14:48  
 Camera: Canon 5D Mark II  
 Lens: Fixed 50mm  
 Camera Height: 1.7m (AGL)

Direction (clockwise from Grid N): 113 °  
 Distance to Nearest Visible Turbine: 12.8 km  
 Nearest Turbine: T1



Photomontage

Part 1 of 1



View flat at a comfortable arm's length

This planar projection panorama has been captured, prepared and presented in accordance with the guidance set out in the Scottish Natural Heritage 2017 guidance 'Visual Representation of Wind Farms'.



National Grid Coordinate (ITM)  
 Easting: 642487  
 Northing: 690549  
 Elevation: 132.2 m

Horizontal Field of View: 53.5 ° (planar projection)  
 Principal Distance: 812.5 mm  
 Paper size: (half A1) 841 x 297 mm  
 Correct printed image size: 820 x 260 mm

Date and Time: 03/11/2021 14:48  
 Camera: Canon 5D Mark II  
 Lens: Fixed 50mm  
 Camera Height: 1.7m (AGL)

Direction (clockwise from Grid N): 113 °  
 Distance to Nearest Visible Turbine: 12.8 km  
 Nearest Turbine: T1



Baseline Photograph

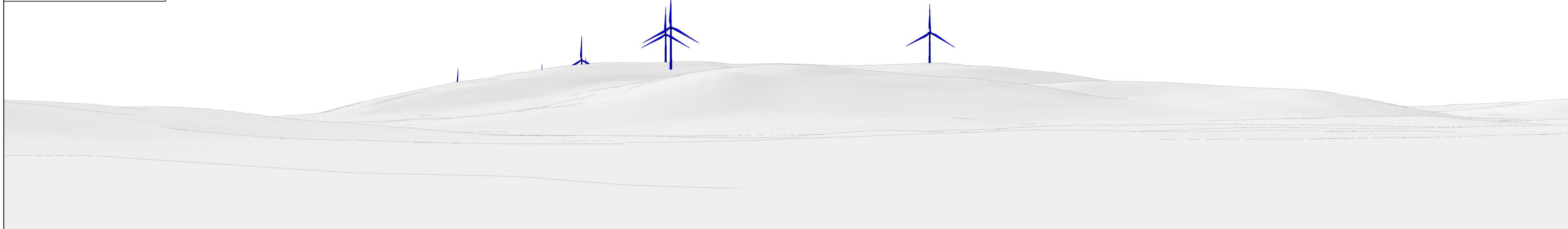
This image provides landscape and visual context only

Part 1 of 1






Extent of 53.5° planar panorama

Cumulative Wireline View



This cylindrical projection panorama has been captured, prepared and presented in accordance with the guidance set out in the Scottish Natural Heritage 2017 guidance 'Visual Representation of Wind Farms'.

-  Proposed Turbines
-  Existing Turbines
-  Permitted Turbines



National Grid Coordinate (ITM)  
 Easting: 653573  
 Northing: 690334  
 Elevation: 120.2 m

Horizontal Field of View: 90 ° (cylindrical projection)  
 Principal Distance: 522 mm  
 Turbine Tip Height: 180m  
 Turbine Hub Height: 99m  
 Turbine Rotor Diameter: 162m

Date and Time: 22/11/2021 11:20  
 Camera: Canon 5D Mark II  
 Lens: Fixed 50mm  
 Camera Height: 1.7m (AGL)

Direction (clockwise from Grid N): 140 °  
 Distance to Nearest Visible Turbine: 2.5 km  
 Nearest Turbine: T2





Wireline Model

Part 1 of 1



View flat at a comfortable arm's length

This planar projection panoramic model has been prepared and presented in accordance with the guidance set out in the Scottish Natural Heritage 2017 guidance 'Visual Representation of Wind Farms'.



National Grid Coordinate (ITM)  
 Easting: 653573  
 Northing: 690334  
 Elevation: 120.2 m

Horizontal Field of View: 53.5 ° (planar projection)  
 Principal Distance: 812.5 mm  
 Paper size: (half A1) 841 x 297 mm  
 Correct printed image size: 820 x 260 mm

Date and Time: 22/11/2021 11:20  
 Camera: Canon 5D Mark II  
 Lens: Fixed 50mm  
 Camera Height: 1.7m (AGL)

Direction (clockwise from Grid N): 140 °  
 Distance to Nearest Visible Turbine: 2.5 km  
 Nearest Turbine: T2



Photomontage

Part 1 of 1



View flat at a comfortable arm's length

This planar projection panorama has been captured, prepared and presented in accordance with the guidance set out in the Scottish Natural Heritage 2017 guidance 'Visual Representation of Wind Farms'.



National Grid Coordinate (ITM)  
 Easting: 653573  
 Northing: 690334  
 Elevation: 120.2 m

Horizontal Field of View: 53.5 ° (planar projection)  
 Principal Distance: 812.5 mm  
 Paper size: (half A1) 841 x 297 mm  
 Correct printed image size: 820 x 260 mm

Date and Time: 22/11/2021 11:20  
 Camera: Canon 5D Mark II  
 Lens: Fixed 50mm  
 Camera Height: 1.7m (AGL)

Direction (clockwise from Grid N): 140 °  
 Distance to Nearest Visible Turbine: 2.5 km  
 Nearest Turbine: T2



Baseline Photograph This image provides landscape and visual context only

Part 1 of 1



Cumulative Wireline View

Extent of 53.5° planar panorama



This cylindrical projection panorama has been captured, prepared and presented in accordance with the guidance set out in the Scottish Natural Heritage 2017 guidance 'Visual Representation of Wind Farms'.

-  Proposed Turbines
-  Existing Turbines
-  Permitted Turbines



National Grid Coordinate (ITM)  
 Easting: 656333  
 Northing: 690734  
 Elevation: 103.4 m

Horizontal Field of View: 90 ° (cylindrical projection)  
 Principal Distance: 522 mm  
 Turbine Tip Height: 180m  
 Turbine Hub Height: 99m  
 Turbine Rotor Diameter: 162m

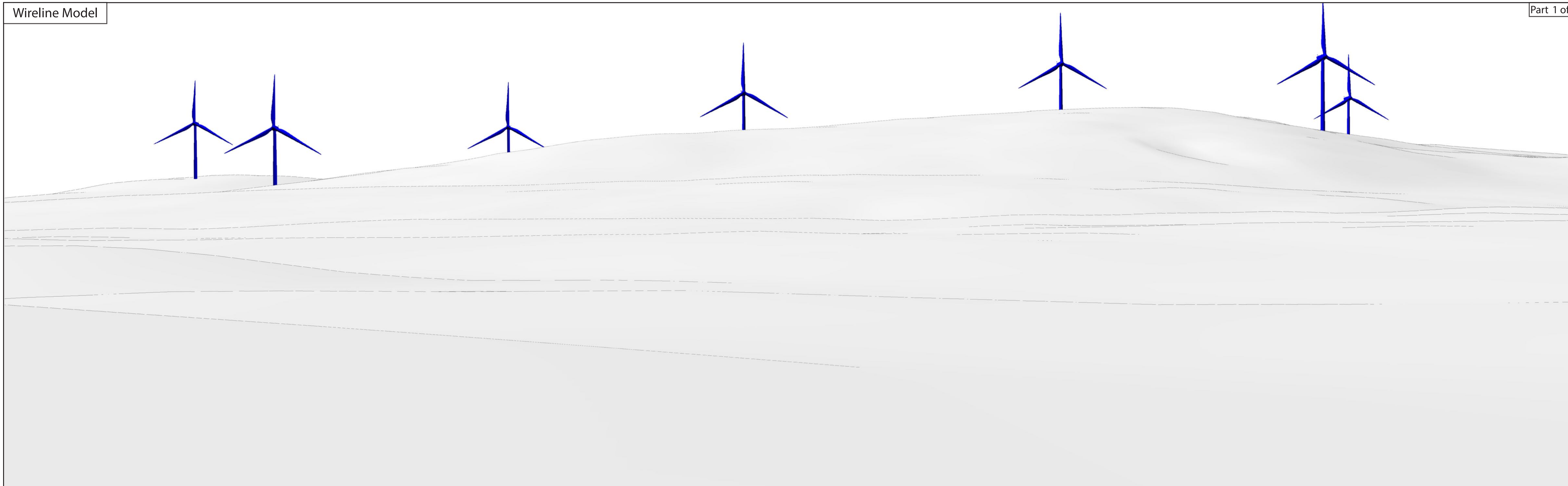
Date and Time: 22/03/2023 09:31  
 Camera: Canon 5D Mark II  
 Lens: Fixed 50mm  
 Camera Height: 1.7m (AGL)

Direction (clockwise from Grid N): 186 °  
 Distance to Nearest Visible Turbine: 2.3 km  
 Nearest Turbine: T2



Wireline Model

Part 1 of 1



View flat at a comfortable arm's length

This planar projection panoramic model has been prepared and presented in accordance with the guidance set out in the Scottish Natural Heritage 2017 guidance 'Visual Representation of Wind Farms'.



National Grid Coordinate (ITM)  
 Easting: 656333  
 Northing: 690734  
 Elevation: 103.4 m

Horizontal Field of View: 53.5 ° (planar projection)  
 Principal Distance: 812.5 mm  
 Paper size: (half A1) 841 x 297 mm  
 Correct printed image size: 820 x 260 mm

Date and Time: 22/03/2023 09:31  
 Camera: Canon 5D Mark II  
 Lens: Fixed 50mm  
 Camera Height: 1.7m (AGL)

Direction (clockwise from Grid N): 186 °  
 Distance to Nearest Visible Turbine: 2.3 km  
 Nearest Turbine: T2



Photomontage

Part 1 of 1



View flat at a comfortable arm's length

This planar projection panorama has been captured, prepared and presented in accordance with the guidance set out in the Scottish Natural Heritage 2017 guidance 'Visual Representation of Wind Farms'.



National Grid Coordinate (ITM)  
 Easting: 656333  
 Northing: 690734  
 Elevation: 103.4 m

Horizontal Field of View: 53.5 ° (planar projection)  
 Principal Distance: 812.5 mm  
 Paper size: (half A1) 841 x 297 mm  
 Correct printed image size: 820 x 260 mm

Date and Time: 22/03/2023 09:31  
 Camera: Canon 5D Mark II  
 Lens: Fixed 50mm  
 Camera Height: 1.7m (AGL)

Direction (clockwise from Grid N): 186 °  
 Distance to Nearest Visible Turbine: 2.3 km  
 Nearest Turbine: T2



Baseline Photograph This image provides landscape and visual context only

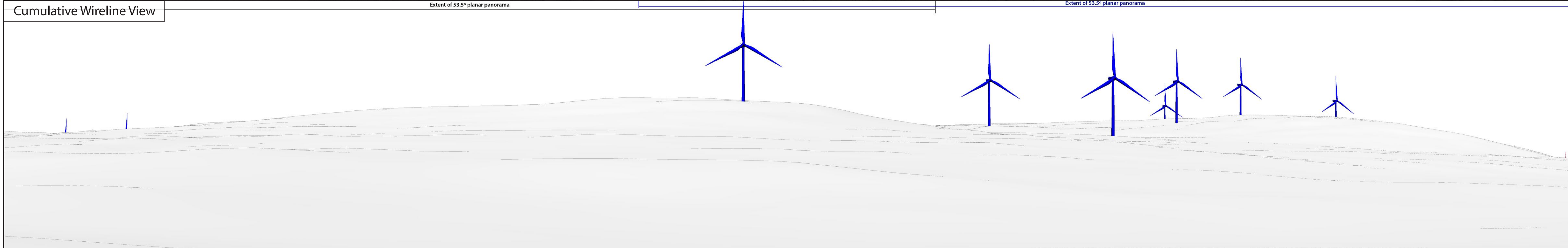
Part 1 of 1



Cumulative Wireline View

Extent of 53.5° planar panorama

Extent of 53.5° planar panorama



This cylindrical projection panorama has been captured, prepared and presented in accordance with the guidance set out in the Scottish Natural Heritage 2017 guidance 'Visual Representation of Wind Farms'.

- Proposed Turbines
- Existing Turbines
- Permitted Turbines



National Grid Coordinate (ITM)  
 Easting: 658588  
 Northing: 688841  
 Elevation: 137.1 m

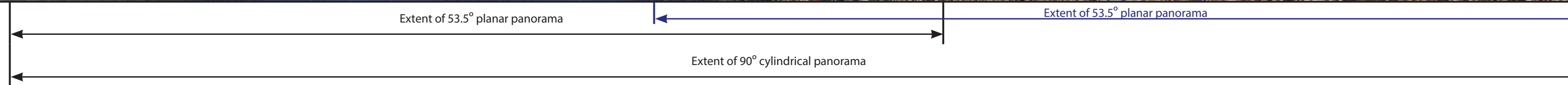
Horizontal Field of View: 90 ° (cylindrical projection)  
 Principal Distance: 522 mm  
 Turbine Tip Height: 180m  
 Turbine Hub Height: 99m  
 Turbine Rotor Diameter: 162m

Date and Time: 22/11/2021 11:53  
 Camera: Canon 5D Mark II  
 Lens: Fixed 50mm  
 Camera Height: 1.7m (AGL)

Direction (clockwise from Grid N): 235 °  
 Distance to Nearest Visible Turbine: 1.8 km  
 Nearest Turbine: T5



Contextual Photomontage



National Grid Coordinate (ITM)  
 Easting: 658588  
 Northing: 688841  
 Elevation: 137.1m

Horizontal Field of View: 180° (cylindrical projection)  
 Turbine Tip Height: 180m  
 Turbine Hub Height: 99m  
 Turbine Rotor Diameter: 162m

Date and Time: 22/11/2021 11:53  
 Camera: Canon 5D Mark II  
 Lens: Fixed 50mm  
 Camera Height: 1.7m (AGL)

Direction (clockwise from Grid N):  
 Distance to Nearest Visible Turbine:  
 Nearest Turbine:

235°  
 1.8 km  
 T5



Wireline Model

Part 1 of 2



View flat at a comfortable arm's length

This planar projection panoramic model has been prepared and presented in accordance with the guidance set out in the Scottish Natural Heritage 2017 guidance 'Visual Representation of Wind Farms'.

-  Proposed Turbines
-  Existing Turbines
-  Permitted Turbines



National Grid Coordinate (ITM)  
 Easting: 658588  
 Northing: 688841  
 Elevation: 137.1 m

Horizontal Field of View: 53.5 ° (planar projection)  
 Principal Distance: 812.5 mm  
 Paper size: (half A1) 841 x 297 mm  
 Correct printed image size: 820 x 260 mm

Date and Time: 22/11/2021 11:53  
 Camera: Canon 5D Mark II  
 Lens: Fixed 50mm  
 Camera Height: 1.7m (AGL)

Direction (clockwise from Grid N): 216 °  
 Distance to Nearest Visible Turbine: 1.8 km  
 Nearest Turbine: T5





Photomontage

Part 1 of 2



View flat at a comfortable arm's length

This planar projection panorama has been captured, prepared and presented in accordance with the guidance set out in the Scottish Natural Heritage 2017 guidance 'Visual Representation of Wind Farms'.



National Grid Coordinate (ITM)  
 Easting: 658588  
 Northing: 688841  
 Elevation: 137.1 m

Horizontal Field of View: 53.5 ° (planar projection)  
 Principal Distance: 812.5 mm  
 Paper size: (half A1) 841 x 297 mm  
 Correct printed image size: 820 x 260 mm

Date and Time: 22/11/2021 11:53  
 Camera: Canon 5D Mark II  
 Lens: Fixed 50mm  
 Camera Height: 1.7m (AGL)

Direction (clockwise from Grid N): 216 °  
 Distance to Nearest Visible Turbine: 1.8 km  
 Nearest Turbine: T5



Wireline Model

Part 2 of 2



View flat at a comfortable arm's length

This planar projection panoramic model has been prepared and presented in accordance with the guidance set out in the Scottish Natural Heritage 2017 guidance 'Visual Representation of Wind Farms'.

- Proposed Turbines
- Existing Turbines
- Permitted Turbines



National Grid Coordinate (ITM)  
 Easting: 658588  
 Northing: 688841  
 Elevation: 137.1 m

Horizontal Field of View: 53.5 ° (planar projection)  
 Principal Distance: 812.5 mm  
 Paper size: (half A1) 841 x 297 mm  
 Correct printed image size: 820 x 260 mm

Date and Time: 22/11/2021 11:53  
 Camera: Canon 5D Mark II  
 Lens: Fixed 50mm  
 Camera Height: 1.7m (AGL)

Direction (clockwise from Grid N): 253 °  
 Distance to Nearest Visible Turbine: 1.8 km  
 Nearest Turbine: T5



Photomontage

Part 2 of 2



View flat at a comfortable arm's length

This planar projection panorama has been captured, prepared and presented in accordance with the guidance set out in the Scottish Natural Heritage 2017 guidance 'Visual Representation of Wind Farms'.



National Grid Coordinate (ITM)  
 Easting: 658588  
 Northing: 688841  
 Elevation: 137.1 m

Horizontal Field of View: 53.5 ° (planar projection)  
 Principal Distance: 812.5 mm  
 Paper size: (half A1) 841 x 297 mm  
 Correct printed image size: 820 x 260 mm

Date and Time: 22/11/2021 11:53  
 Camera: Canon 5D Mark II  
 Lens: Fixed 50mm  
 Camera Height: 1.7m (AGL)

Direction (clockwise from Grid N): 253 °  
 Distance to Nearest Visible Turbine: 1.8 km  
 Nearest Turbine: T5

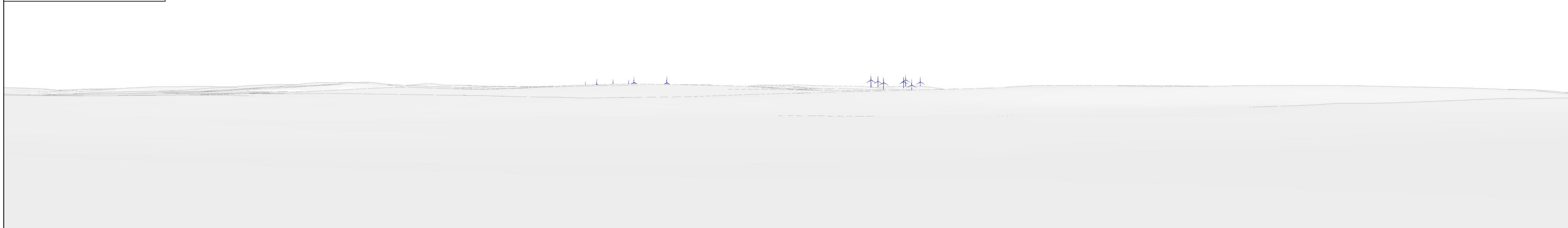


Baseline Photograph This image provides landscape and visual context only



Cumulative Wireline View

Extent of 53.5° planar panorama



This cylindrical projection panorama has been captured, prepared and presented in accordance with the guidance set out in the Scottish Natural Heritage 2017 guidance 'Visual Representation of Wind Farms'.

-  Proposed Turbines
-  Existing Turbines
-  Permitted Turbines



National Grid Coordinate (ITM)  
 Easting: 671129  
 Northing: 686802  
 Elevation: 53.4 m

Horizontal Field of View: 90 ° (cylindrical projection)  
 Principal Distance: 522 mm  
 Turbine Tip Height: 180m  
 Turbine Hub Height: 99m  
 Turbine Rotor Diameter: 162m

Date and Time: 06/09/2022 15:18  
 Camera: Canon 5D Mark II  
 Lens: Fixed 50mm  
 Camera Height: 1.7m (AGL)

Direction (clockwise from Grid N): 269 °  
 Distance to Nearest Visible Turbine: 14 km  
 Nearest Turbine: T8



Wireline Model

Part 1 of 1



View flat at a comfortable arm's length

This planar projection panoramic model has been prepared and presented in accordance with the guidance set out in the Scottish Natural Heritage 2017 guidance 'Visual Representation of Wind Farms'.



National Grid Coordinate (ITM)  
 Easting: 671129  
 Northing: 686802  
 Elevation: 53.4 m

Horizontal Field of View: 53.5 ° (planar projection)  
 Principal Distance: 812.5 mm  
 Paper size: (half A1) 841 x 297 mm  
 Correct printed image size: 820 x 260 mm

Date and Time: 06/09/2022 15:18  
 Camera: Canon 5D Mark II  
 Lens: Fixed 50mm  
 Camera Height: 1.7m (AGL)

Direction (clockwise from Grid N): 269 °  
 Distance to Nearest Visible Turbine: 14 km  
 Nearest Turbine: T8



Photomontage

Part 1 of 1



View flat at a comfortable arm's length

This planar projection panorama has been captured, prepared and presented in accordance with the guidance set out in the Scottish Natural Heritage 2017 guidance 'Visual Representation of Wind Farms'.



National Grid Coordinate (ITM)  
 Easting: 671129  
 Northing: 686802  
 Elevation: 53.4 m

Horizontal Field of View: 53.5 ° (planar projection)  
 Principal Distance: 812.5 mm  
 Paper size: (half A1) 841 x 297 mm  
 Correct printed image size: 820 x 260 mm

Date and Time: 06/09/2022 15:18  
 Camera: Canon 5D Mark II  
 Lens: Fixed 50mm  
 Camera Height: 1.7m (AGL)

Direction (clockwise from Grid N): 269 °  
 Distance to Nearest Visible Turbine: 14 km  
 Nearest Turbine: T8



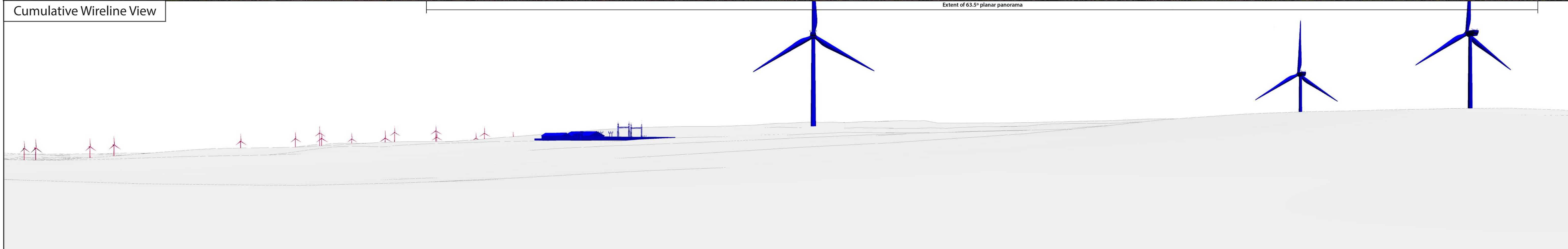
Baseline Photograph

This image provides landscape and visual context only



Cumulative Wireline View

Extent of 63.5° planar panorama



This cylindrical projection panorama has been captured, prepared and presented in accordance with the guidance set out in the Scottish Natural Heritage 2017 guidance 'Visual Representation of Wind Farms'.

- Proposed Turbines
- Existing Turbines
- Permitted Turbines



National Grid Coordinate (ITM)  
 Easting: 655860  
 Northing: 687200  
 Elevation: 299.4 m

Horizontal Field of View: 90 ° (cylindrical projection)  
 Principal Distance: 522 mm  
 Turbine Tip Height: 180m  
 Turbine Hub Height: 99m  
 Turbine Rotor Diameter: 162m

Date and Time: 22/11/2021 11:41  
 Camera: Canon 5D Mark II  
 Lens: Fixed 50mm  
 Camera Height: 1.7m (AGL)

Direction (clockwise from Grid N): 319 °  
 Distance to Nearest Visible Turbine: 1 km  
 Nearest Turbine: T6



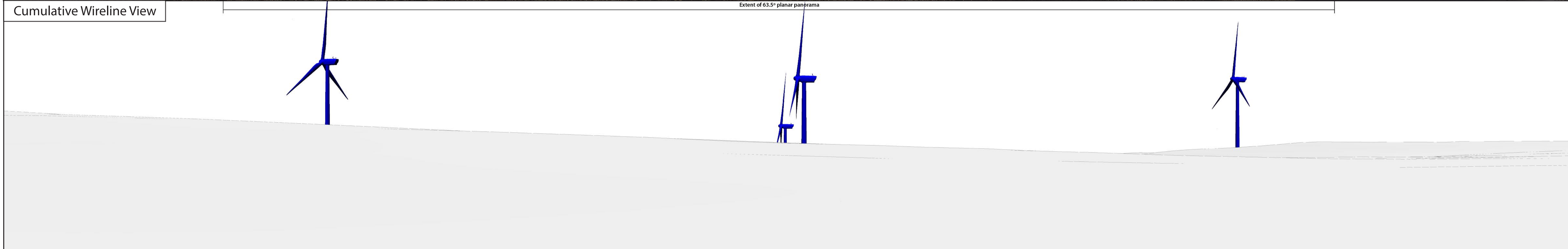
Baseline Photograph

This image provides landscape and visual context only






Cumulative Wireline View

Extent of 63.5° planar panorama



This cylindrical projection panorama has been captured, prepared and presented in accordance with the guidance set out in the Scottish Natural Heritage 2017 guidance 'Visual Representation of Wind Farms'.

-  Proposed Turbines
-  Existing Turbines
-  Permitted Turbines



National Grid Coordinate (ITM)  
 Easting: 655860  
 Northing: 687200  
 Elevation: 299.4 m

Horizontal Field of View: 90 ° (cylindrical projection)  
 Principal Distance: 522 mm  
 Turbine Tip Height: 180m  
 Turbine Hub Height: 99m  
 Turbine Rotor Diameter: 162m

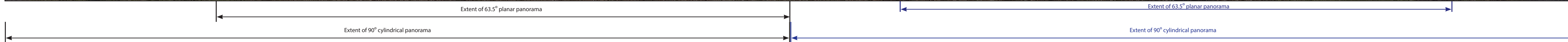
Date and Time: 22/11/2021 11:41  
 Camera: Canon 5D Mark II  
 Lens: Fixed 50mm  
 Camera Height: 1.7m (AGL)

Direction (clockwise from Grid N): 49 °  
 Distance to Nearest Visible Turbine: 1 km  
 Nearest Turbine: T6





Contextual Photomontage



National Grid Coordinate (ITM)  
 Easting: 655860  
 Northing: 687200  
 Elevation: 299.4m

Horizontal Field of View: 180° (cylindrical projection)  
 Turbine Tip Height: 180m  
 Turbine Hub Height: 99m  
 Turbine Rotor Diameter: 162m

Date and Time: 22/11/2021 11:41  
 Camera: Canon 5D Mark II  
 Lens: Fixed 50mm  
 Camera Height: 1.7m (AGL)

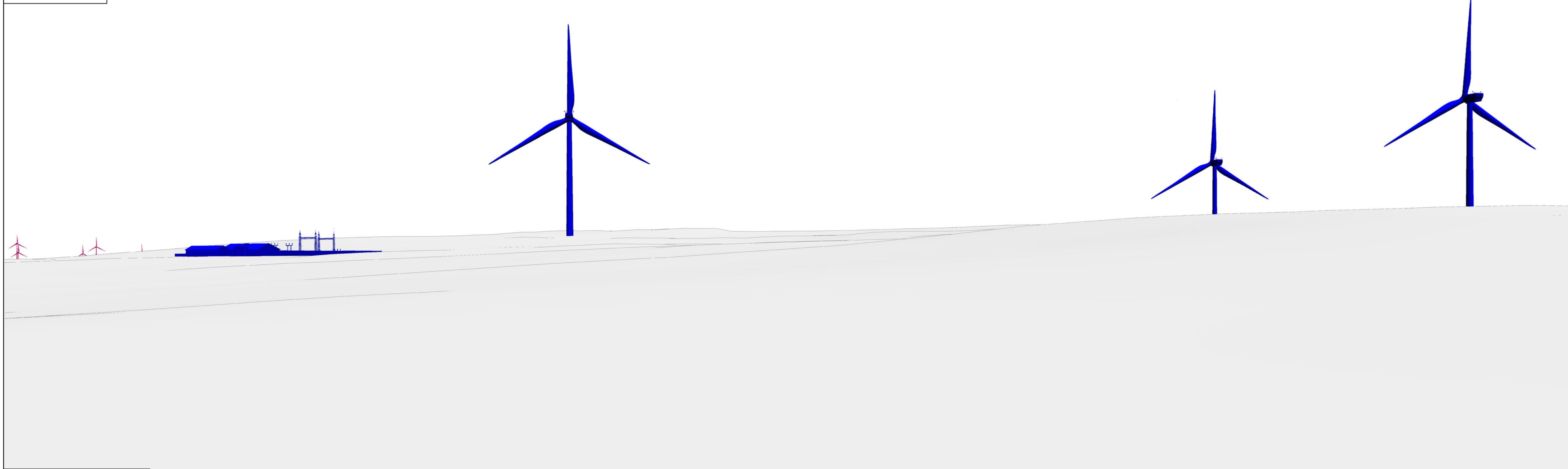
Direction (clockwise from Grid N):  
 Distance to Nearest Visible Turbine:  
 Nearest Turbine:

4°  
 1 km  
 T6



Wireline Model

Part 1 of 2



View flat at a comfortable arm's length

This planar projection panorama has been captured, prepared and presented in accordance with the guidance set out in the Scottish Natural Heritage 2017 guidance 'Visual Representation of Wind Farms'. In this instance the standard 53.5 planar panorama image has been extended to 63.5 in order to incorporate the full cluster of turbines on one sheet and aid comprehension.

- Proposed Turbines
- Existing Turbines
- Permitted Turbines



National Grid Coordinate (ITM)  
 Easting: 655860  
 Northing: 687200  
 Elevation: 299.4 m

Horizontal Field of View: 63.5° (planar projection)  
 Principal Distance: 812.5 mm  
 Paper size: (half A1) 841 x 297 mm  
 Correct printed image size: 820 x 260 mm

Date and Time: 22/11/2021 11:41  
 Camera: Canon 5D Mark II  
 Lens: Fixed 50mm  
 Camera Height: 1.7m (AGL)

Direction (clockwise from Grid N): 330°  
 Distance to Nearest Visible Turbine: 1 km  
 Nearest Turbine: T6



Photomontage

Part 1 of 2



View flat at a comfortable arm's length

This planar projection panorama has been captured, prepared and presented in accordance with the guidance set out in the Scottish Natural Heritage 2017 guidance 'Visual Representation of Wind Farms'. In this instance the standard 53.5 planar panorama image has been extended to 63.5 in order to incorporate the full cluster of turbines on one sheet and aid comprehension.



National Grid Coordinate (ITM)  
 Easting: 655860  
 Northing: 687200  
 Elevation: 299.4 m

Horizontal Field of View: 63.5 ° (planar projection)  
 Principal Distance: 812.5 mm  
 Paper size: (half A1) 841 x 297 mm  
 Correct printed image size: 820 x 260 mm

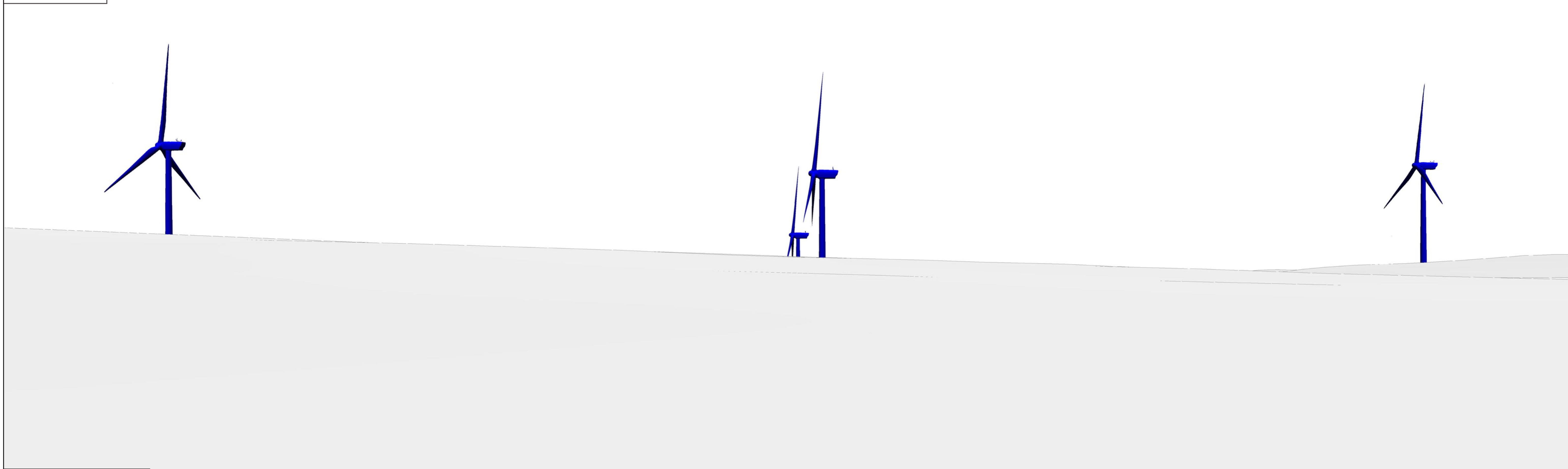
Date and Time: 22/11/2021 11:41  
 Camera: Canon 5D Mark II  
 Lens: Fixed 50mm  
 Camera Height: 1.7m (AGL)

Direction (clockwise from Grid N): 330 °  
 Distance to Nearest Visible Turbine: 1 km  
 Nearest Turbine: T6



Wireline Model

Part 2 of 2



View flat at a comfortable arm's length

This planar projection panorama has been captured, prepared and presented in accordance with the guidance set out in the Scottish Natural Heritage 2017 guidance 'Visual Representation of Wind Farms'. In this instance the standard 53.5 planar panorama image has been extended to 63.5 in order to incorporate the full cluster of turbines on one sheet and aid comprehension.



National Grid Coordinate (ITM)  
 Easting: 655860  
 Northing: 687200  
 Elevation: 299.4 m

Horizontal Field of View: 63.5° (planar projection)  
 Principal Distance: 812.5 mm  
 Paper size: (half A1) 841 x 297 mm  
 Correct printed image size: 820 x 260 mm

Date and Time: 22/11/2021 11:41  
 Camera: Canon 5D Mark II  
 Lens: Fixed 50mm  
 Camera Height: 1.7m (AGL)

Direction (clockwise from Grid N): 48°  
 Distance to Nearest Visible Turbine: 1 km  
 Nearest Turbine: T6



Photomontage

Part 2 of 2



View flat at a comfortable arm's length

This planar projection panorama has been captured, prepared and presented in accordance with the guidance set out in the Scottish Natural Heritage 2017 guidance 'Visual Representation of Wind Farms'. In this instance the standard 53.5 planar panorama image has been extended to 63.5 in order to incorporate the full cluster of turbines on one sheet and aid comprehension.



National Grid Coordinate (ITM)  
 Easting: 655860  
 Northing: 687200  
 Elevation: 299.4 m

Horizontal Field of View: 63.5 ° (planar projection)  
 Principal Distance: 812.5 mm  
 Paper size: (half A1) 841 x 297 mm  
 Correct printed image size: 820 x 260 mm

Date and Time: 22/11/2021 11:41  
 Camera: Canon 5D Mark II  
 Lens: Fixed 50mm  
 Camera Height: 1.7m (AGL)

Direction (clockwise from Grid N): 48 °  
 Distance to Nearest Visible Turbine: 1 km  
 Nearest Turbine: T6



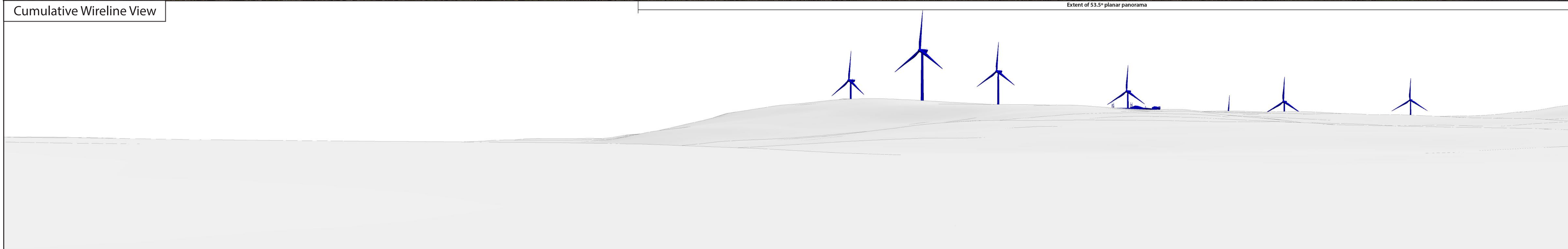
Baseline Photograph

This image provides landscape and visual context only



Cumulative Wireline View

Extent of 53.5° planar panorama



This cylindrical projection panorama has been captured, prepared and presented in accordance with the guidance set out in the Scottish Natural Heritage 2017 guidance 'Visual Representation of Wind Farms'.

- Proposed Turbines
- Existing Turbines
- Permitted Turbines



National Grid Coordinate (ITM)  
 Easting: 653673  
 Northing: 686535  
 Elevation: 249.2 m

Horizontal Field of View: 90 ° (cylindrical projection)  
 Principal Distance: 522 mm  
 Turbine Tip Height: 180m  
 Turbine Hub Height: 99m  
 Turbine Rotor Diameter: 162m

Date and Time: 22/11/2021 11:33  
 Camera: Canon 5D Mark II  
 Lens: Fixed 50mm  
 Camera Height: 1.7m (AGL)

Direction (clockwise from Grid N): 36 °  
 Distance to Nearest Visible Turbine: 2 km  
 Nearest Turbine: T1



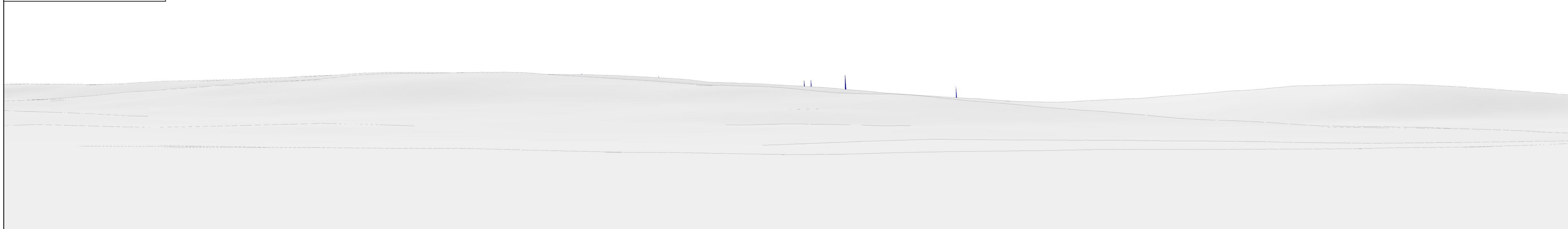
Baseline Photograph

This image provides landscape and visual context only



Extent of 53.5° planar panorama

Cumulative Wireline View



This cylindrical projection panorama has been captured, prepared and presented in accordance with the guidance set out in the Scottish Natural Heritage 2017 guidance 'Visual Representation of Wind Farms'.

- Proposed Turbines
- Existing Turbines
- Permitted Turbines



National Grid Coordinate (ITM)  
 Easting: 653673  
 Northing: 686535  
 Elevation: 249.2 m

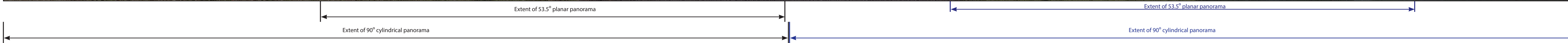
Horizontal Field of View: 90 ° (cylindrical projection)  
 Principal Distance: 522 mm  
 Turbine Tip Height: 180m  
 Turbine Hub Height: 99m  
 Turbine Rotor Diameter: 162m

Date and Time: 22/11/2021 11:33  
 Camera: Canon 5D Mark II  
 Lens: Fixed 50mm  
 Camera Height: 1.7m (AGL)

Direction (clockwise from Grid N): 126 °  
 Distance to Nearest Visible Turbine: 2 km  
 Nearest Turbine: T1



Contextual Photomontage



National Grid Coordinate (ITM)  
 Easting: 653673  
 Northing: 686535  
 Elevation: 249.2m

Horizontal Field of View: 180° (cylindrical projection)  
 Turbine Tip Height: 180m  
 Turbine Hub Height: 99m  
 Turbine Rotor Diameter: 162m

Date and Time: 22/11/2021 11:33  
 Camera: Canon 5D Mark II  
 Lens: Fixed 50mm  
 Camera Height: 1.7m (AGL)

Direction (clockwise from Grid N):  
 Distance to Nearest Visible Turbine:  
 Nearest Turbine:

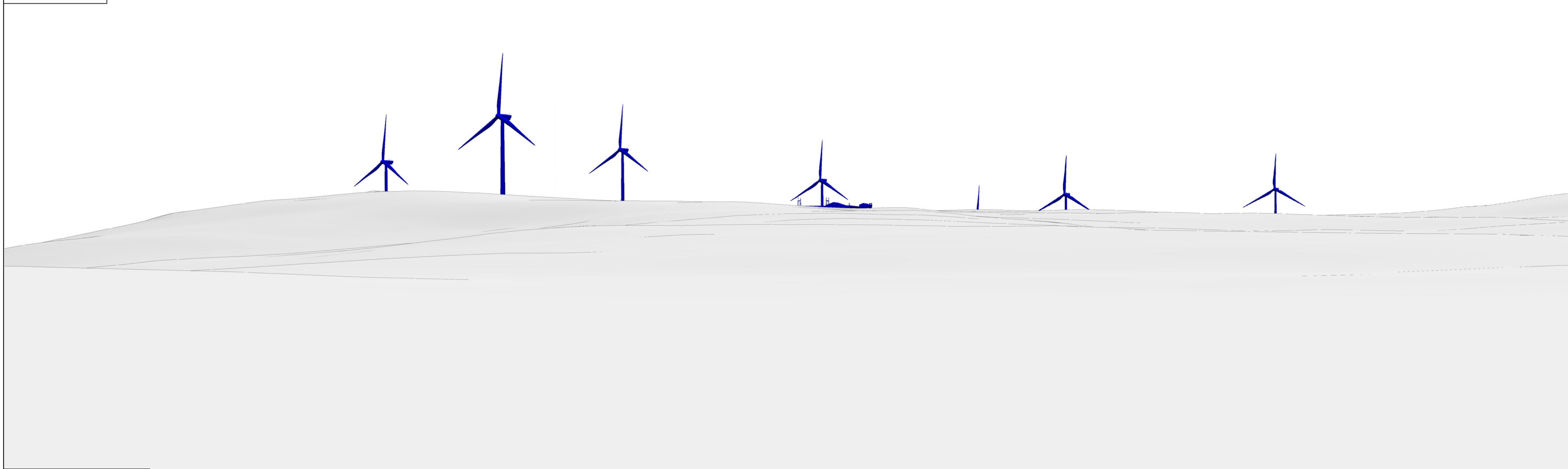
81°  
 2 km  
 T1





Wireline Model

Part 1 of 2



View flat at a comfortable arm's length

This planar projection panoramic model has been prepared and presented in accordance with the guidance set out in the Scottish Natural Heritage 2017 guidance 'Visual Representation of Wind Farms'.

- Proposed Turbines
- Existing Turbines
- Permitted Turbines



National Grid Coordinate (ITM)  
 Easting: 653673  
 Northing: 686535  
 Elevation: 249.2 m

Horizontal Field of View: 53.5 ° (planar projection)  
 Principal Distance: 812.5 mm  
 Paper size: (half A1) 841 x 297 mm  
 Correct printed image size: 820 x 260 mm

Date and Time: 22/11/2021 11:33  
 Camera: Canon 5D Mark II  
 Lens: Fixed 50mm  
 Camera Height: 1.7m (AGL)

Direction (clockwise from Grid N): 54 °  
 Distance to Nearest Visible Turbine: 2 km  
 Nearest Turbine: T1



Photomontage

Part 1 of 2



View flat at a comfortable arm's length

This planar projection panorama has been captured, prepared and presented in accordance with the guidance set out in the Scottish Natural Heritage 2017 guidance 'Visual Representation of Wind Farms'.



National Grid Coordinate (ITM)  
 Easting: 653673  
 Northing: 686535  
 Elevation: 249.2 m

Horizontal Field of View: 53.5 ° (planar projection)  
 Principal Distance: 812.5 mm  
 Paper size: (half A1) 841 x 297 mm  
 Correct printed image size: 820 x 260 mm

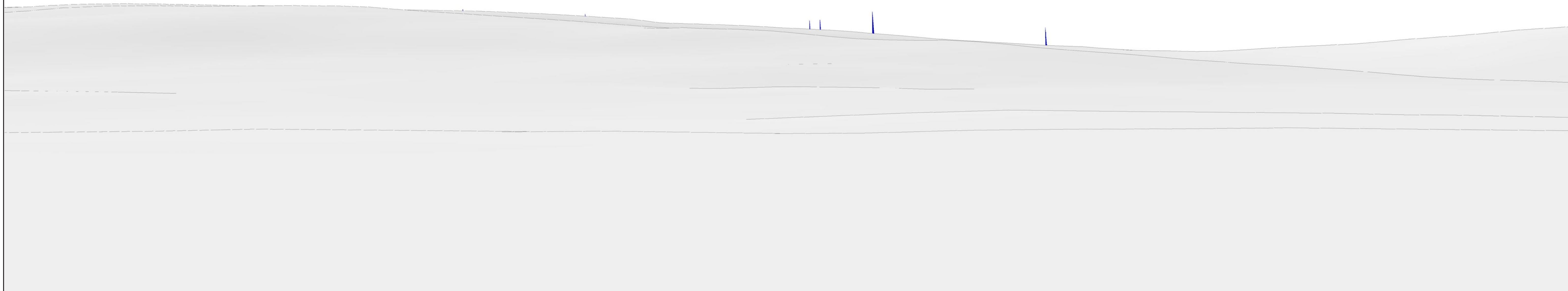
Date and Time: 22/11/2021 11:33  
 Camera: Canon 5D Mark II  
 Lens: Fixed 50mm  
 Camera Height: 1.7m (AGL)

Direction (clockwise from Grid N): 54 °  
 Distance to Nearest Visible Turbine: 2 km  
 Nearest Turbine: T1



Wireline Model

Part 2 of 2



View flat at a comfortable arm's length

This planar projection panoramic model has been prepared and presented in accordance with the guidance set out in the Scottish Natural Heritage 2017 guidance 'Visual Representation of Wind Farms'.

-  Proposed Turbines
-  Existing Turbines
-  Permitted Turbines



National Grid Coordinate (ITM)  
 Easting: 653673  
 Northing: 686535  
 Elevation: 249.2 m

Horizontal Field of View: 53.5 ° (planar projection)  
 Principal Distance: 812.5 mm  
 Paper size: (half A1) 841 x 297 mm  
 Correct printed image size: 820 x 260 mm

Date and Time: 22/11/2021 11:33  
 Camera: Canon 5D Mark II  
 Lens: Fixed 50mm  
 Camera Height: 1.7m (AGL)

Direction (clockwise from Grid N): 126 °  
 Distance to Nearest Visible Turbine: 2 km  
 Nearest Turbine: T1



Photomontage

Part 2 of 2



View flat at a comfortable arm's length

This planar projection panorama has been captured, prepared and presented in accordance with the guidance set out in the Scottish Natural Heritage 2017 guidance 'Visual Representation of Wind Farms'.



National Grid Coordinate (ITM)  
 Easting: 653673  
 Northing: 686535  
 Elevation: 249.2 m

Horizontal Field of View: 53.5 ° (planar projection)  
 Principal Distance: 812.5 mm  
 Paper size: (half A1) 841 x 297 mm  
 Correct printed image size: 820 x 260 mm

Date and Time: 22/11/2021 11:33  
 Camera: Canon 5D Mark II  
 Lens: Fixed 50mm  
 Camera Height: 1.7m (AGL)

Direction (clockwise from Grid N): 126 °  
 Distance to Nearest Visible Turbine: 2 km  
 Nearest Turbine: T1



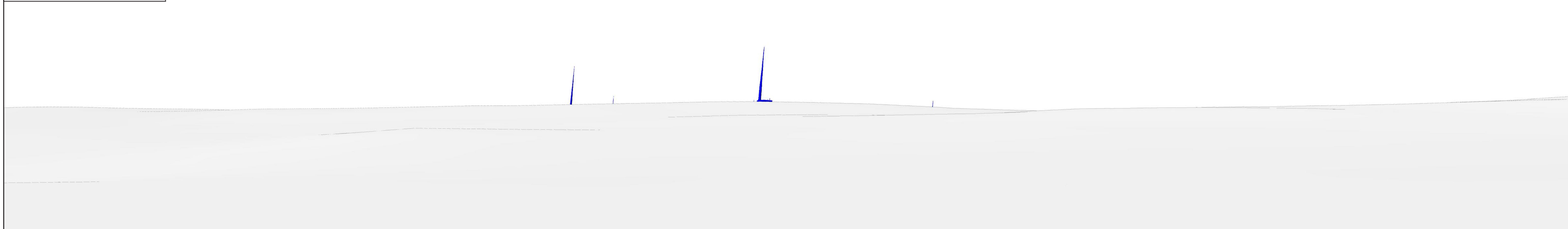
Baseline Photograph

This image provides landscape and visual context only






Extent of 53.5° planar panorama

Cumulative Wireline View



This cylindrical projection panorama has been captured, prepared and presented in accordance with the guidance set out in the Scottish Natural Heritage 2017 guidance 'Visual Representation of Wind Farms'.

-  Proposed Turbines
-  Existing Turbines
-  Permitted Turbines



National Grid Coordinate (ITM)  
 Easting: 658067  
 Northing: 686187  
 Elevation: 270.7 m

Horizontal Field of View: 90 ° (cylindrical projection)  
 Principal Distance: 522 mm  
 Turbine Tip Height: 180m  
 Turbine Hub Height: 99m  
 Turbine Rotor Diameter: 162m

Date and Time: 22/11/2021 12:02  
 Camera: Canon 5D Mark II  
 Lens: Fixed 50mm  
 Camera Height: 1.7m (AGL)

Direction (clockwise from Grid N): 209 °  
 Distance to Nearest Visible Turbine: 1.5 km  
 Nearest Turbine: T9



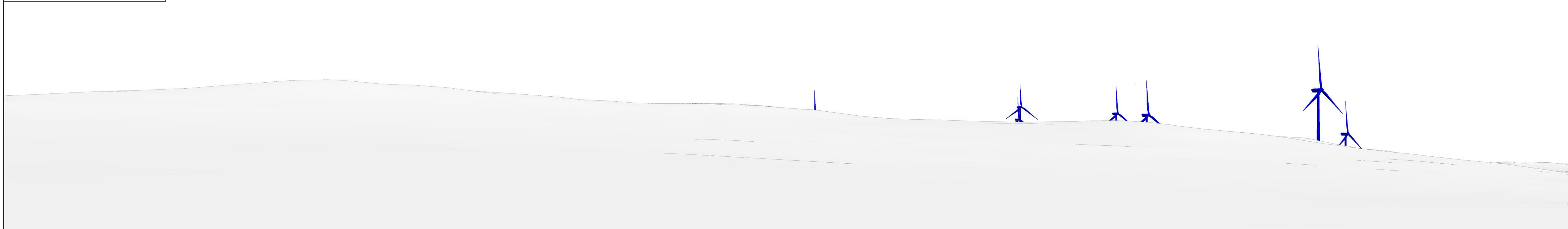
Baseline Photograph

This image provides landscape and visual context only






Extent of 53.5° planar panorama

Cumulative Wireline View



This cylindrical projection panorama has been captured, prepared and presented in accordance with the guidance set out in the Scottish Natural Heritage 2017 guidance 'Visual Representation of Wind Farms'.

-  Proposed Turbines
-  Existing Turbines
-  Permitted Turbines



National Grid Coordinate (ITM)  
 Easting: 658067  
 Northing: 686187  
 Elevation: 270.7 m

Horizontal Field of View: 90 ° (cylindrical projection)  
 Principal Distance: 522 mm  
 Turbine Tip Height: 180m  
 Turbine Hub Height: 99m  
 Turbine Rotor Diameter: 162m

Date and Time: 22/11/2021 12:02  
 Camera: Canon 5D Mark II  
 Lens: Fixed 50mm  
 Camera Height: 1.7m (AGL)

Direction (clockwise from Grid N): 299 °  
 Distance to Nearest Visible Turbine: 1.5 km  
 Nearest Turbine: T9



Contextual Photomontage



Extent of 53.5° planar panorama

Extent of 53.5° planar panorama

Extent of 90° cylindrical panorama

Extent of 90° cylindrical panorama



National Grid Coordinate (ITM)  
 Easting: 658067  
 Northing: 686187  
 Elevation: 270.7m

Horizontal Field of View: 180° (cylindrical projection)  
 Turbine Tip Height: 180m  
 Turbine Hub Height: 99m  
 Turbine Rotor Diameter: 162m

Date and Time: 22/11/2021 12:02  
 Camera: Canon 5D Mark II  
 Lens: Fixed 50mm  
 Camera Height: 1.7m (AGL)

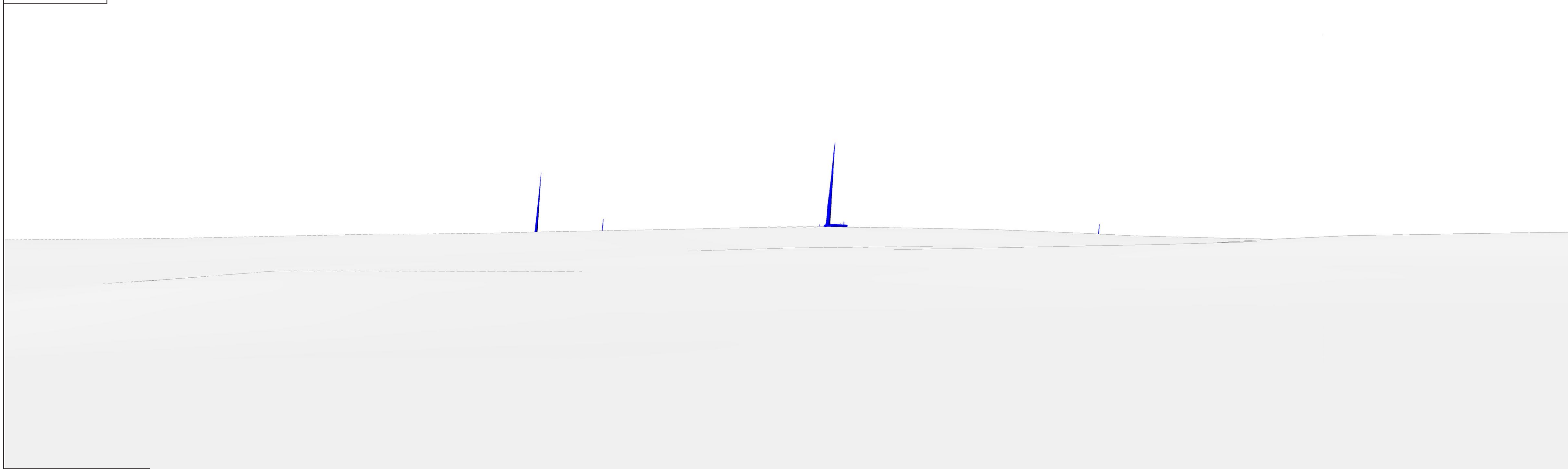
Direction (clockwise from Grid N):  
 Distance to Nearest Visible Turbine:  
 Nearest Turbine:

254°  
 1.5 km  
 T9



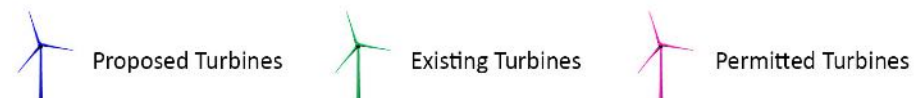
Wireline Model

Part 1 of 2



View flat at a comfortable arm's length

This planar projection panoramic model has been prepared and presented in accordance with the guidance set out in the Scottish Natural Heritage 2017 guidance 'Visual Representation of Wind Farms'.



National Grid Coordinate (ITM)  
 Easting: 658067  
 Northing: 686187  
 Elevation: 270.7 m

Horizontal Field of View: 53.5 ° (planar projection)  
 Principal Distance: 812.5 mm  
 Paper size: (half A1) 841 x 297 mm  
 Correct printed image size: 820 x 260 mm

Date and Time: 22/11/2021 12:02  
 Camera: Canon 5D Mark II  
 Lens: Fixed 50mm  
 Camera Height: 1.7m (AGL)

Direction (clockwise from Grid N): 206 °  
 Distance to Nearest Visible Turbine: 1.5 km  
 Nearest Turbine: T9





Photomontage

Part 1 of 2



View flat at a comfortable arm's length

This planar projection panorama has been captured, prepared and presented in accordance with the guidance set out in the Scottish Natural Heritage 2017 guidance 'Visual Representation of Wind Farms'.



National Grid Coordinate (ITM)  
 Easting: 658067  
 Northing: 686187  
 Elevation: 270.7 m

Horizontal Field of View: 53.5 ° (planar projection)  
 Principal Distance: 812.5 mm  
 Paper size: (half A1) 841 x 297 mm  
 Correct printed image size: 820 x 260 mm

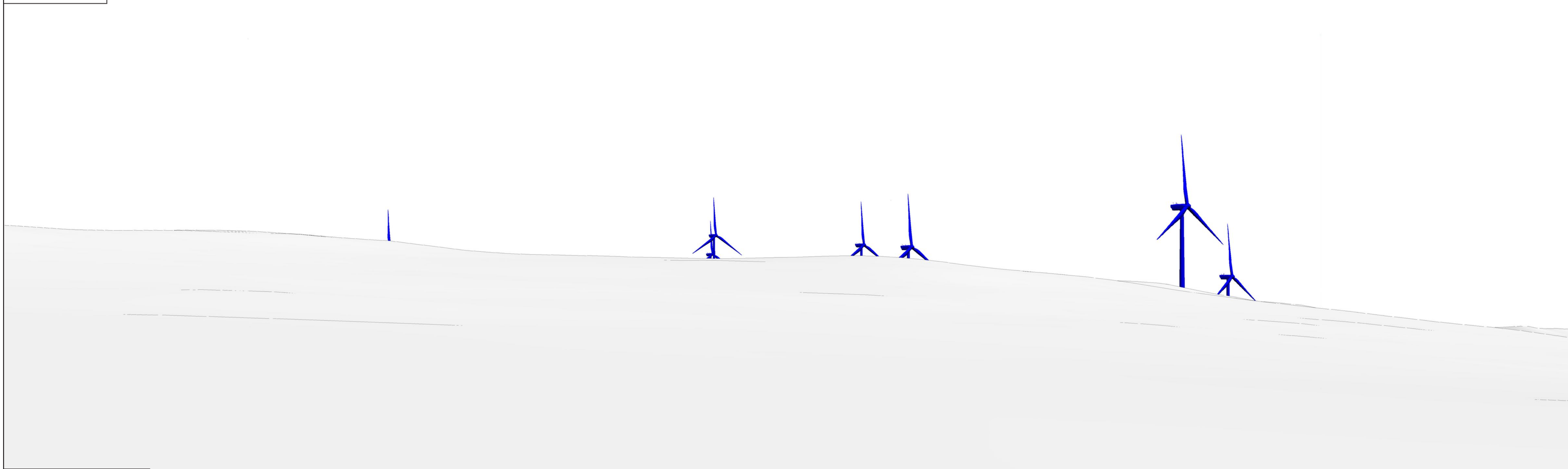
Date and Time: 22/11/2021 12:02  
 Camera: Canon 5D Mark II  
 Lens: Fixed 50mm  
 Camera Height: 1.7m (AGL)

Direction (clockwise from Grid N): 206 °  
 Distance to Nearest Visible Turbine: 1.5 km  
 Nearest Turbine: T9



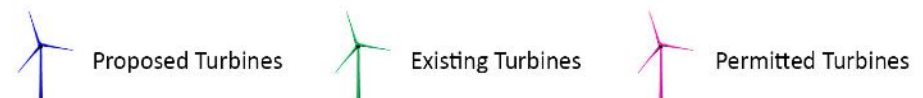
Wireline Model

Part 2 of 2



View flat at a comfortable arm's length

This planar projection panoramic model has been prepared and presented in accordance with the guidance set out in the Scottish Natural Heritage 2017 guidance 'Visual Representation of Wind Farms'.



National Grid Coordinate (ITM)  
 Easting: 658067  
 Northing: 686187  
 Elevation: 270.7 m

Horizontal Field of View: 53.5 ° (planar projection)  
 Principal Distance: 812.5 mm  
 Paper size: (half A1) 841 x 297 mm  
 Correct printed image size: 820 x 260 mm

Date and Time: 22/11/2021 12:02  
 Camera: Canon 5D Mark II  
 Lens: Fixed 50mm  
 Camera Height: 1.7m (AGL)

Direction (clockwise from Grid N): 315 °  
 Distance to Nearest Visible Turbine: 1.5 km  
 Nearest Turbine: T9



Photomontage

Part 2 of 2



View flat at a comfortable arm's length

This planar projection panorama has been captured, prepared and presented in accordance with the guidance set out in the Scottish Natural Heritage 2017 guidance 'Visual Representation of Wind Farms'.



National Grid Coordinate (ITM)  
 Easting: 658067  
 Northing: 686187  
 Elevation: 270.7 m

Horizontal Field of View: 53.5 ° (planar projection)  
 Principal Distance: 812.5 mm  
 Paper size: (half A1) 841 x 297 mm  
 Correct printed image size: 820 x 260 mm

Date and Time: 22/11/2021 12:02  
 Camera: Canon 5D Mark II  
 Lens: Fixed 50mm  
 Camera Height: 1.7m (AGL)

Direction (clockwise from Grid N): 315 °  
 Distance to Nearest Visible Turbine: 1.5 km  
 Nearest Turbine: T9

