

Knockanarragh Wind Farm

LVIA Photomontages Book 2: VP17 - VP35

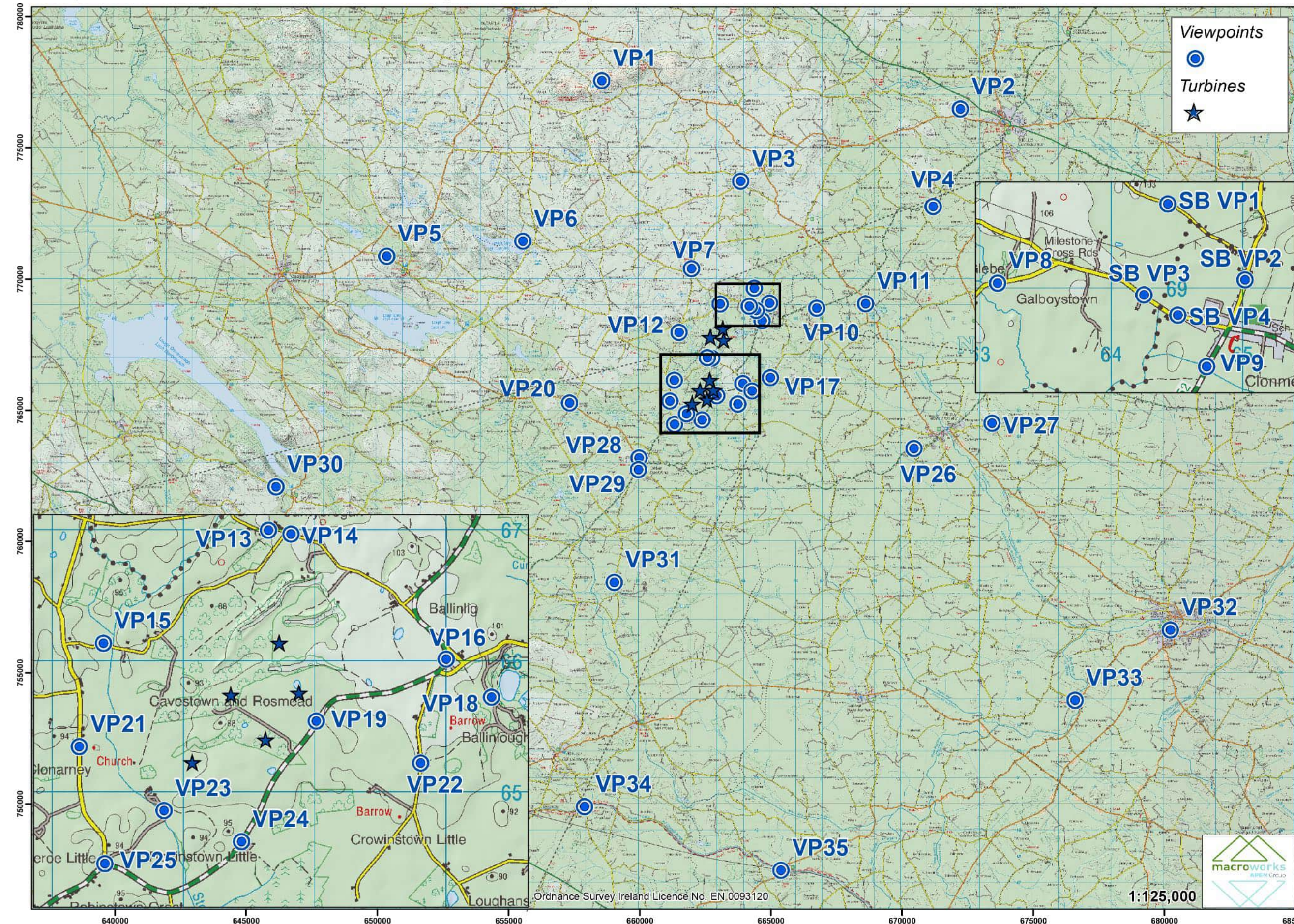
This book contains imagery for the viewpoints chosen for the LVIA study

August 2023



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Viewpoint locations selected for the Knockanarragh 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 terrain

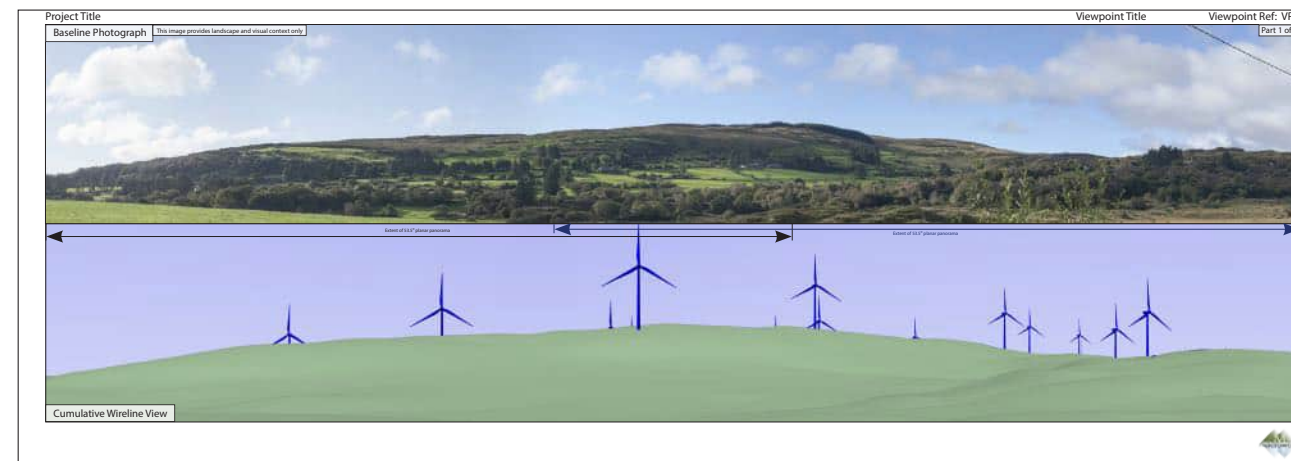
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 *Please Note: The proposed wind farm is not visible from this viewpoint as it is completely screened by terrain

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 *Please Note: The proposed wind farm is not visible from this viewpoint as it is completely screened by terrain

VP35: R161 at Royal Canal
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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.

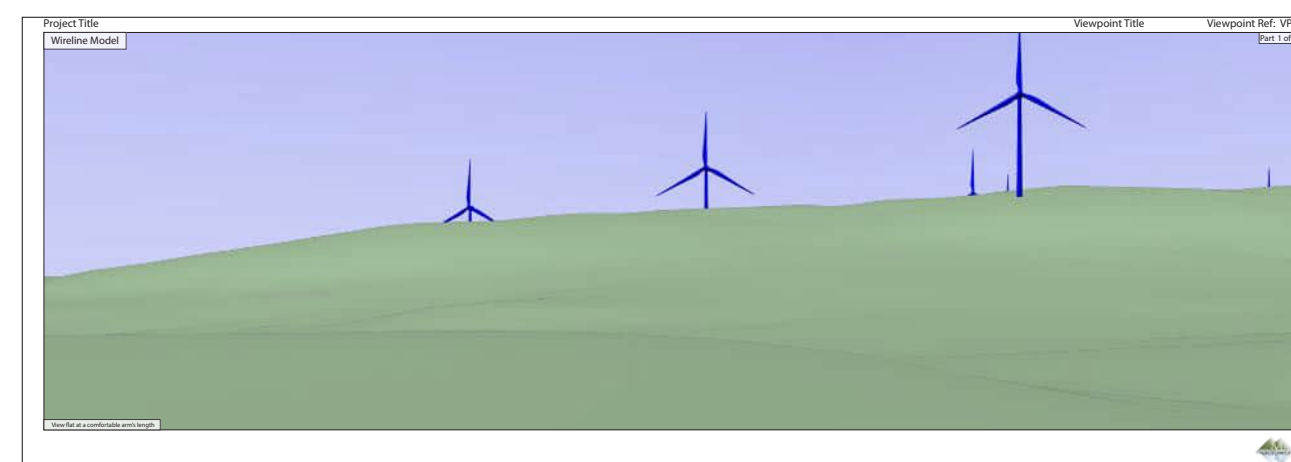
Extent bars indicate the extent of both the 53.5° Panoramic Photomontage/Wireline Views and the 90° Baseline Views within the depicted Contextual Panoramic Photomontage View.

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

Part 1 of 1



Cumulative Wireline View

Extent of 53.5° planar panorama (Part 1 of 2)

Extent of 53.5° planar panorama (Part 2 of 2)



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
- In Planning Turbines



National Grid Coordinate (ITM)
 Easting: 664988
 Northing: 766250
 Elevation: 92.3 m

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

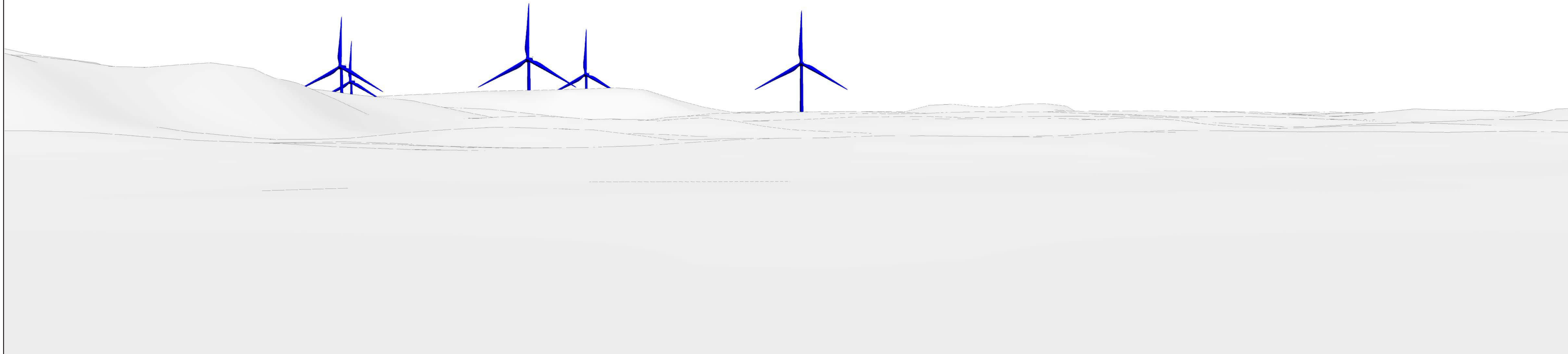
Date and Time: 29/09/2022 13:10
 Camera: Canon 5D Mark II
 Lens: Fixed 50mm
 Camera Height: 1.7m (AGL)

Direction (clockwise from Grid N): 285 °
 Distance to Nearest Visible Turbine: 2.2 km
 Nearest Turbine: T6



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
- In Planning Turbines



National Grid Coordinate (ITM)
 Easting: 664988
 Northing: 766250
 Elevation: 92.3 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: 29/09/2022 13:10
 Camera: Canon 5D Mark II
 Lens: Fixed 50mm
 Camera Height: 1.7m (AGL)

Direction (clockwise from Grid N): 267 °
 Distance to Nearest Visible Turbine: 2.2 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'.



National Grid Coordinate (ITM)
 Easting: 664988
 Northing: 766250
 Elevation: 92.3 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

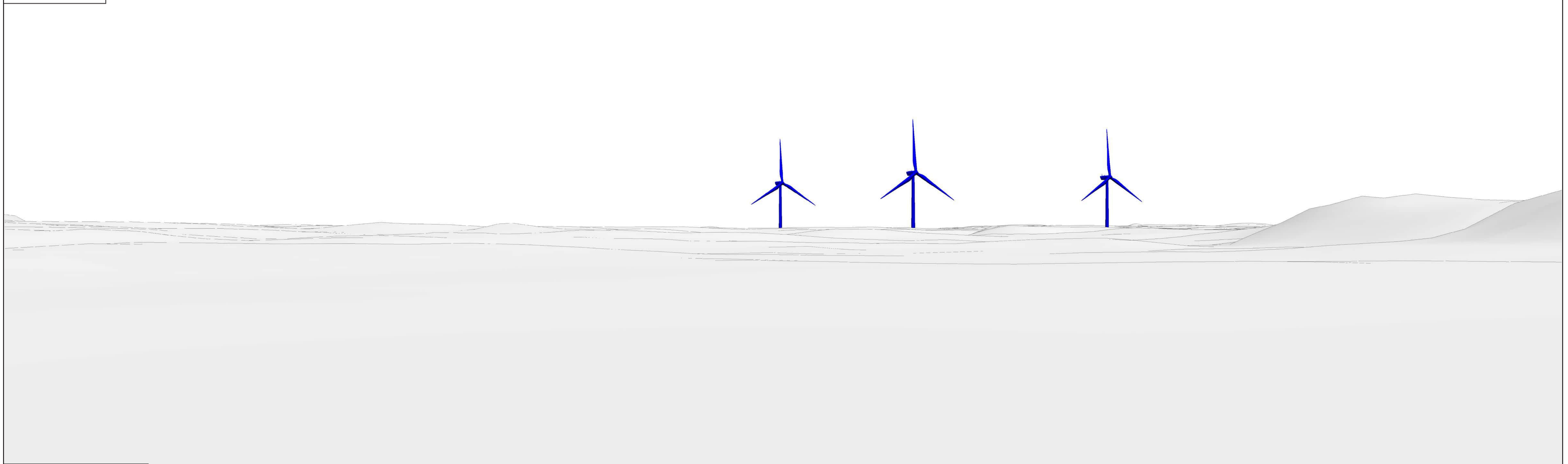
Date and Time: 29/09/2022 13:10
 Camera: Canon 5D Mark II
 Lens: Fixed 50mm
 Camera Height: 1.7m (AGL)

Direction (clockwise from Grid N): 267 °
 Distance to Nearest Visible Turbine: 2.2 km
 Nearest Turbine: T6



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'.

-  Proposed Turbines
-  Existing Turbines
-  Permitted Turbines
-  In Planning Turbines



National Grid Coordinate (ITM)
 Easting: 664988
 Northing: 766250
 Elevation: 92.3 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: 29/09/2022 13:10
 Camera: Canon 5D Mark II
 Lens: Fixed 50mm
 Camera Height: 1.7m (AGL)

Direction (clockwise from Grid N): 303 °
 Distance to Nearest Visible Turbine: 2.2 km
 Nearest Turbine: T6



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: 664988
 Northing: 766250
 Elevation: 92.3 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: 29/09/2022 13:10
 Camera: Canon 5D Mark II
 Lens: Fixed 50mm
 Camera Height: 1.7m (AGL)

Direction (clockwise from Grid N): 303 °
 Distance to Nearest Visible Turbine: 2.2 km
 Nearest Turbine: T6



Baseline Photograph

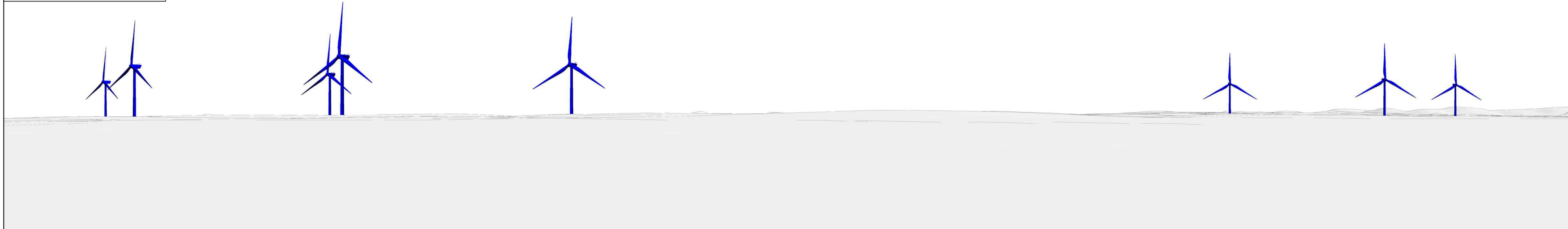
This image provides landscape and visual context only

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
- In Planning Turbines



National Grid Coordinate (ITM)
 Easting: 664284
 Northing: 765738
 Elevation: 95.5 m

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

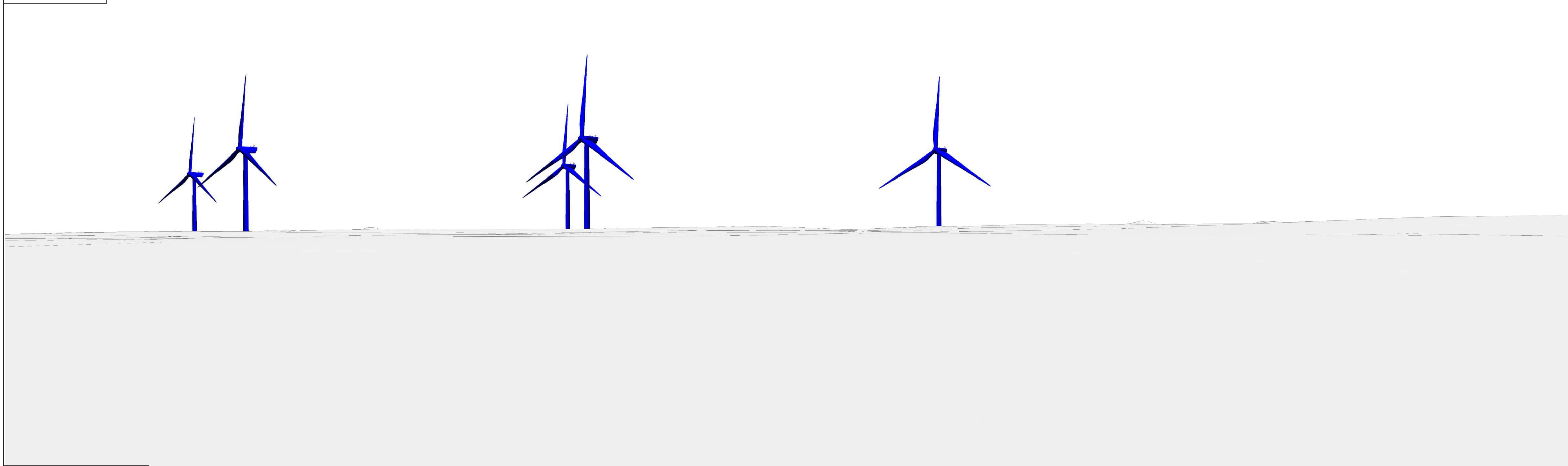
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 Camera: Canon 5D Mark II
 Lens: Fixed 50mm
 Camera Height: 1.7m (AGL)

Direction (clockwise from Grid N): 297 °
 Distance to Nearest Visible Turbine: 1.5 km
 Nearest Turbine: T6



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'.

-  Proposed Turbines
-  Existing Turbines
-  Permitted Turbines
-  In Planning Turbines



National Grid Coordinate (ITM)
 Easting: 664284
 Northing: 765738
 Elevation: 95.5 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: 04/07/2023 15:37
 Camera: Canon 5D Mark II
 Lens: Fixed 50mm
 Camera Height: 1.7m (AGL)

Direction (clockwise from Grid N): 279 °
 Distance to Nearest Visible Turbine: 1.5 km
 Nearest Turbine: T6



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: 664284
 Northing: 765738
 Elevation: 95.5 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: 04/07/2023 15:37
 Camera: Canon 5D Mark II
 Lens: Fixed 50mm
 Camera Height: 1.7m (AGL)

Direction (clockwise from Grid N): 279 °
 Distance to Nearest Visible Turbine: 1.5 km
 Nearest Turbine: T6



Baseline Photograph

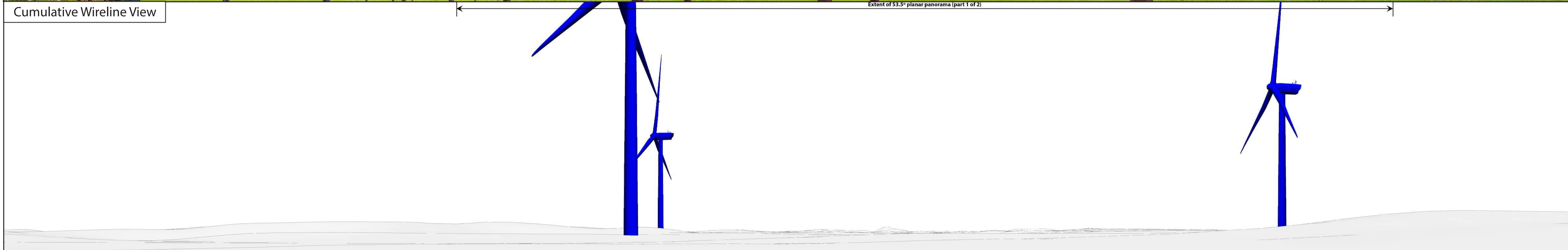
This image provides landscape and visual context only

Part 1 of 1



Cumulative Wireline View

Extent of 53.5° planar panorama (part 1 of 2)



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
- In Planning Turbines



National Grid Coordinate (ITM)
 Easting: 662948
 Northing: 765556
 Elevation: 92.5 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: 04/07/2023 15:22
 Camera: Canon 5D Mark II
 Lens: Fixed 50mm
 Camera Height: 1.7m (AGL)

Direction (clockwise from Grid N): 259 °
 Distance to Nearest Visible Turbine: 0.3 km
 Nearest Turbine: T6



Contextual Photomontage



National Grid Coordinate (ITM)
 Easting: 662948
 Northing: 765556
 Elevation: 92.5m

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

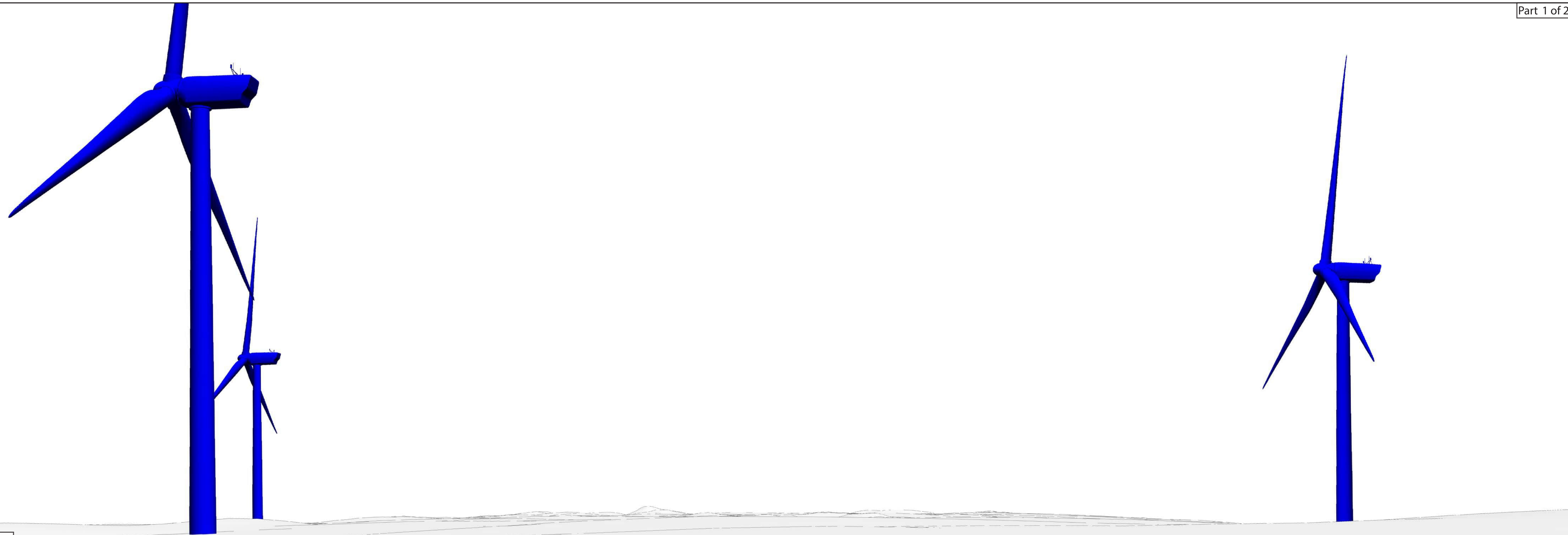
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 Camera: Canon 5D Mark II
 Lens: Fixed 50mm
 Camera Height: 1.7m (AGL)

Direction (clockwise from Grid N): 304°
 Distance to Nearest Visible Turbine: 0.3 km
 Nearest Turbine: T6



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
- In Planning Turbines



National Grid Coordinate (ITM)
 Easting: 662948
 Northing: 765556
 Elevation: 92.5 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: 04/07/2023 15:22
 Camera: Canon 5D Mark II
 Lens: Fixed 50mm
 Camera Height: 1.7m (AGL)

Direction (clockwise from Grid N): 267 °
 Distance to Nearest Visible Turbine: 0.3 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'.



National Grid Coordinate (ITM)
 Easting: 662948
 Northing: 765556
 Elevation: 92.5 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: 04/07/2023 15:22
 Camera: Canon 5D Mark II
 Lens: Fixed 50mm
 Camera Height: 1.7m (AGL)

Direction (clockwise from Grid N): 267 °
 Distance to Nearest Visible Turbine: 0.3 km
 Nearest Turbine: T6

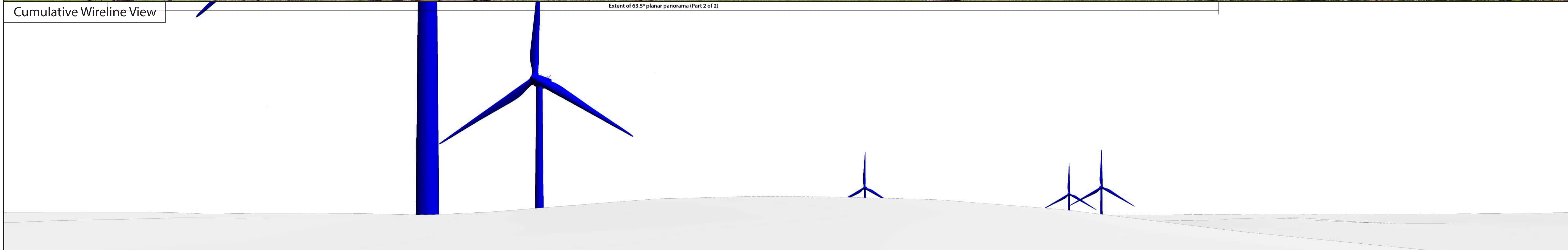


Baseline Photograph This image provides landscape and visual context only



Cumulative Wireline View

Extent of 63.5° planar panorama (Part 2 of 2)



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
- In Planning Turbines



National Grid Coordinate (ITM)
 Easting: 662948
 Northing: 765556
 Elevation: 92.5 m

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

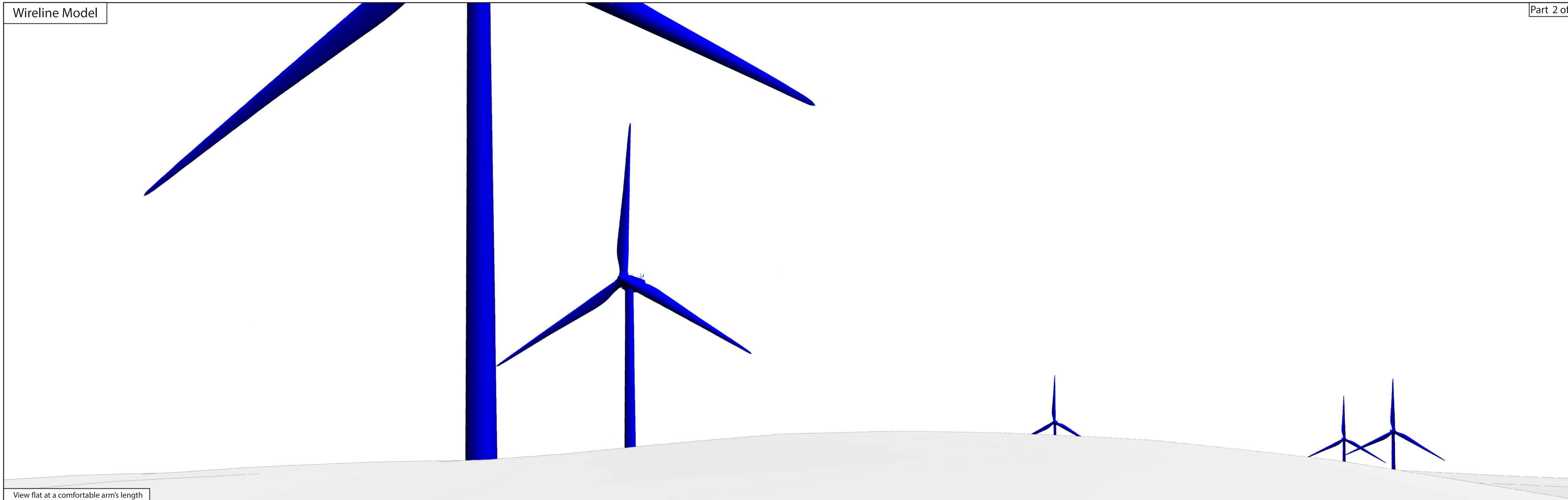
Date and Time: 04/07/2023 15:22
 Camera: Canon 5D Mark II
 Lens: Fixed 50mm
 Camera Height: 1.7m (AGL)

Direction (clockwise from Grid N): 349 °
 Distance to Nearest Visible Turbine: 0.3 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.

- Proposed Turbines
- Existing Turbines
- Permitted Turbines
- In Planning Turbines



National Grid Coordinate (ITM)
 Easting: 662948
 Northing: 765556
 Elevation: 92.5 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: 04/07/2023 15:22
 Camera: Canon 5D Mark II
 Lens: Fixed 50mm
 Camera Height: 1.7m (AGL)

Direction (clockwise from Grid N): 342 °
 Distance to Nearest Visible Turbine: 0.3 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: 662948
 Northing: 765556
 Elevation: 92.5 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: 04/07/2023 15:22
 Camera: Canon 5D Mark II
 Lens: Fixed 50mm
 Camera Height: 1.7m (AGL)

Direction (clockwise from Grid N): 342 °
 Distance to Nearest Visible Turbine: 0.3 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
- In Planning Turbines



National Grid Coordinate (ITM)
 Easting: 657320
 Northing: 765287
 Elevation: 99.9 m

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

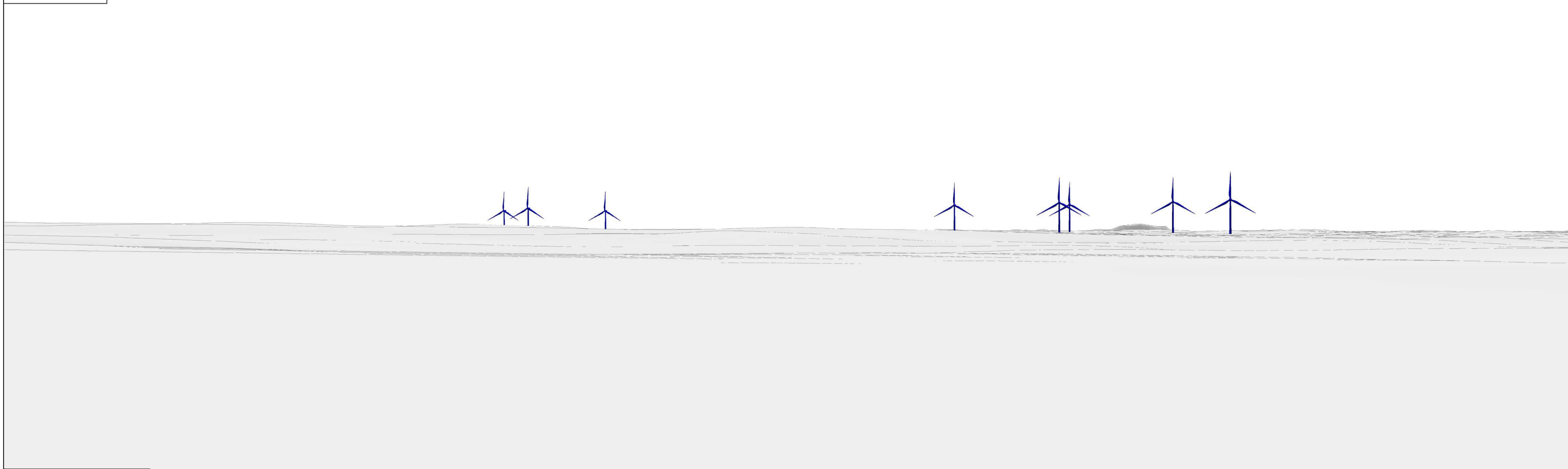
Date and Time: 29/09/2022 11:27
 Camera: Canon 5D Mark II
 Lens: Fixed 50mm
 Camera Height: 1.7m (AGL)

Direction (clockwise from Grid N): 91 °
 Distance to Nearest Visible Turbine: 4.7 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'.

-  Proposed Turbines
-  Existing Turbines
-  Permitted Turbines
-  In Planning Turbines



National Grid Coordinate (ITM)
 Easting: 657320
 Northing: 765287
 Elevation: 99.9 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: 29/09/2022 11:27
 Camera: Canon 5D Mark II
 Lens: Fixed 50mm
 Camera Height: 1.7m (AGL)

Direction (clockwise from Grid N): 75 °
 Distance to Nearest Visible Turbine: 4.7 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: 657320
 Northing: 765287
 Elevation: 99.9 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: 29/09/2022 11:27
 Camera: Canon 5D Mark II
 Lens: Fixed 50mm
 Camera Height: 1.7m (AGL)

Direction (clockwise from Grid N): 75 °
 Distance to Nearest Visible Turbine: 4.7 km
 Nearest Turbine: T8



Baseline Photograph

This image provides landscape and visual context only

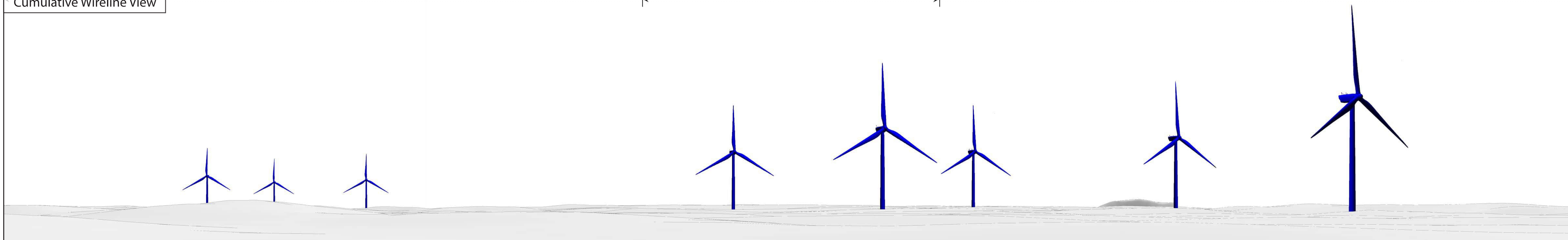
Part 1 of 1



Cumulative Wireline View

Extent of 53.5° planar panorama (Part 1 of 2)

Extent of 53.5° planar panorama (Part 2 of 2)



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
- In Planning Turbines



National Grid Coordinate (ITM)
 Easting: 661143
 Northing: 765361
 Elevation: 89.0 m

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

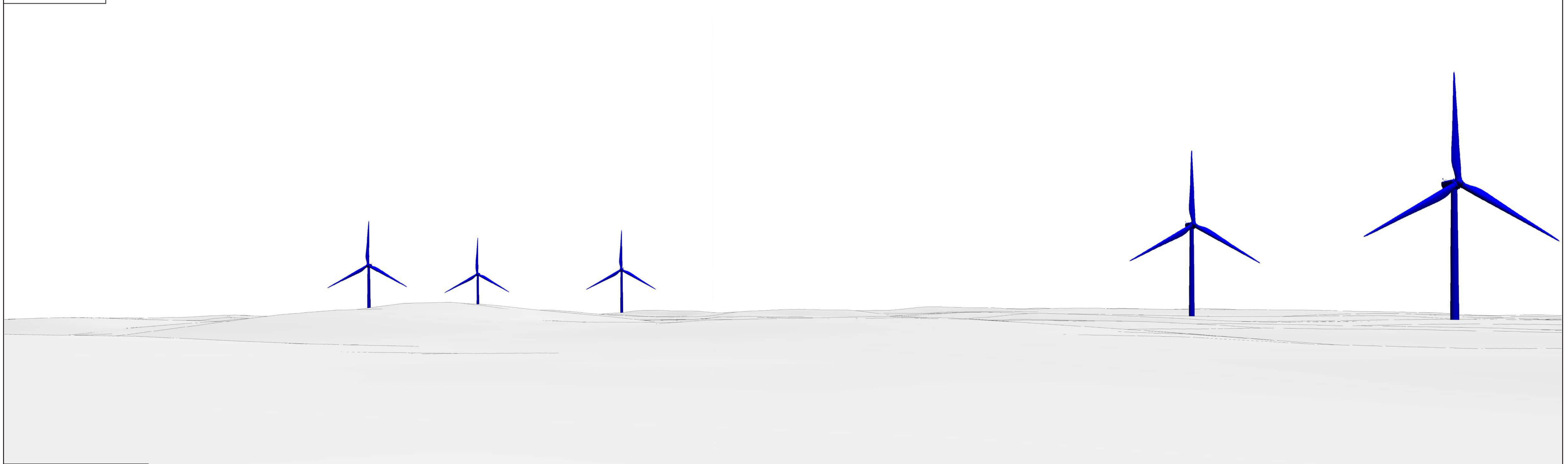
Date and Time: 29/09/2022 13:42
 Camera: Canon 5D Mark II
 Lens: Fixed 50mm
 Camera Height: 1.7m (AGL)

Direction (clockwise from Grid N): 66 °
 Distance to Nearest Visible Turbine: 0.9 km
 Nearest Turbine: T8



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
-  In Planning Turbines



National Grid Coordinate (ITM)
 Easting: 661143
 Northing: 765361
 Elevation: 89.0 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: 29/09/2022 13:42
 Camera: Canon 5D Mark II
 Lens: Fixed 50mm
 Camera Height: 1.7m (AGL)

Direction (clockwise from Grid N): 47 °
 Distance to Nearest Visible Turbine: 0.9 km
 Nearest Turbine: T8



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: 661143
 Northing: 765361
 Elevation: 89.0 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

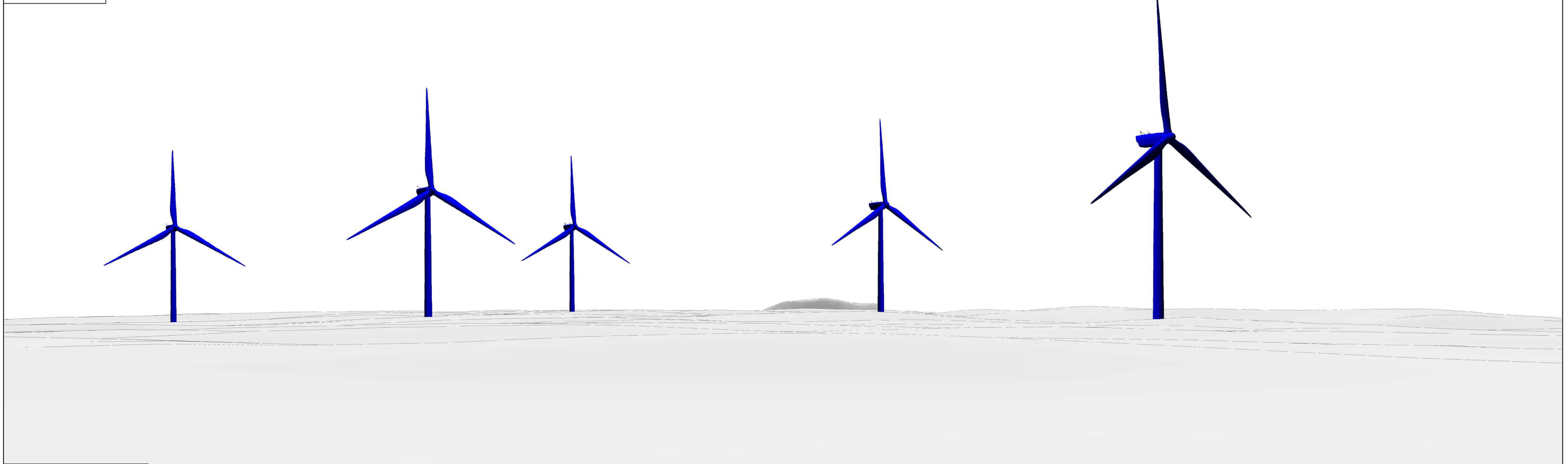
Date and Time: 29/09/2022 13:42
 Camera: Canon 5D Mark II
 Lens: Fixed 50mm
 Camera Height: 1.7m (AGL)

Direction (clockwise from Grid N): 47 °
 Distance to Nearest Visible Turbine: 0.9 km
 Nearest Turbine: T8



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
- In Planning Turbines



National Grid Coordinate (ITM)
 Easting: 661143
 Northing: 765361
 Elevation: 89.0 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: 29/09/2022 13:42
 Camera: Canon 5D Mark II
 Lens: Fixed 50mm
 Camera Height: 1.7m (AGL)

Direction (clockwise from Grid N): 84 °
 Distance to Nearest Visible Turbine: 0.9 km
 Nearest Turbine: T8



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: 661143
 Northing: 765361
 Elevation: 89.0 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: 29/09/2022 13:42
 Camera: Canon 5D Mark II
 Lens: Fixed 50mm
 Camera Height: 1.7m (AGL)

Direction (clockwise from Grid N): 84 °
 Distance to Nearest Visible Turbine: 0.9 km
 Nearest Turbine: T8



Baseline Photograph

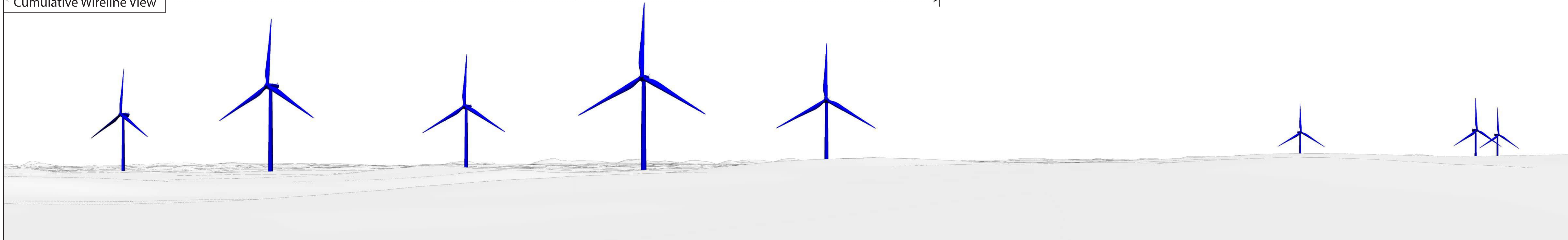
This image provides landscape and visual context only

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
- In Planning Turbines



National Grid Coordinate (ITM)
 Easting: 663744
 Northing: 765236
 Elevation: 97.7 m

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

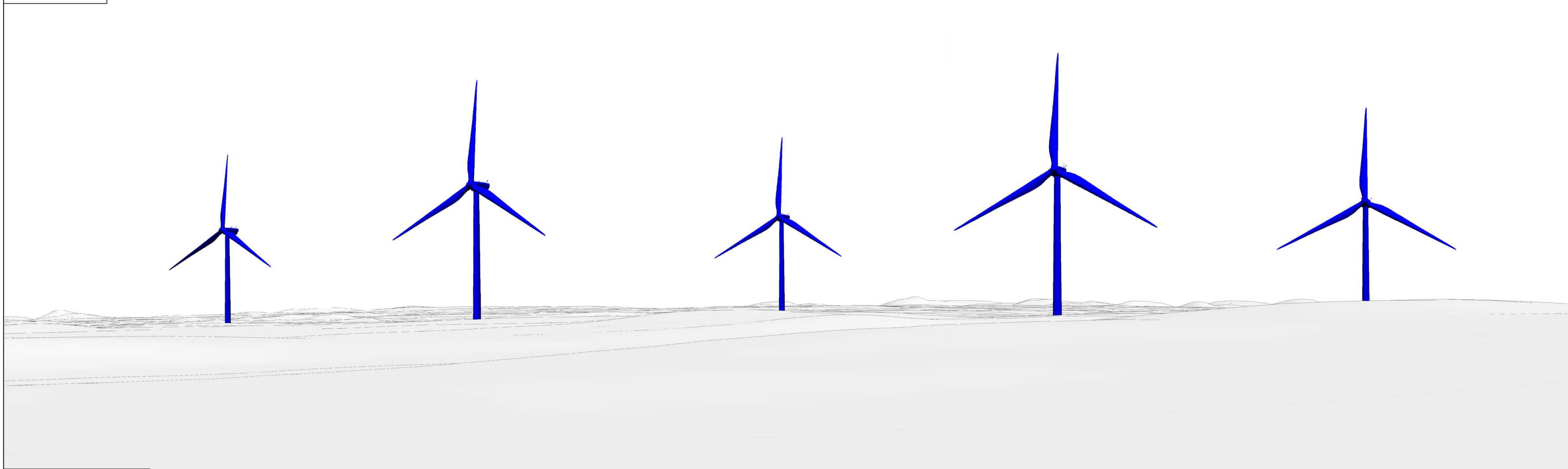
Date and Time: 29/09/2022 13:20
 Camera: Canon 5D Mark II
 Lens: Fixed 50mm
 Camera Height: 1.7m (AGL)

Direction (clockwise from Grid N): 309 °
 Distance to Nearest Visible Turbine: 1.1 km
 Nearest Turbine: T6



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'.

-  Proposed Turbines
-  Existing Turbines
-  Permitted Turbines
-  In Planning Turbines



National Grid Coordinate (ITM)
 Easting: 663744
 Northing: 765236
 Elevation: 97.7 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: 29/09/2022 13:20
 Camera: Canon 5D Mark II
 Lens: Fixed 50mm
 Camera Height: 1.7m (AGL)

Direction (clockwise from Grid N): 291 °
 Distance to Nearest Visible Turbine: 1.1 km
 Nearest Turbine: T6



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: 663744
 Northing: 765236
 Elevation: 97.7 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: 29/09/2022 13:20
 Camera: Canon 5D Mark II
 Lens: Fixed 50mm
 Camera Height: 1.7m (AGL)

Direction (clockwise from Grid N): 291 °
 Distance to Nearest Visible Turbine: 1.1 km
 Nearest Turbine: T6



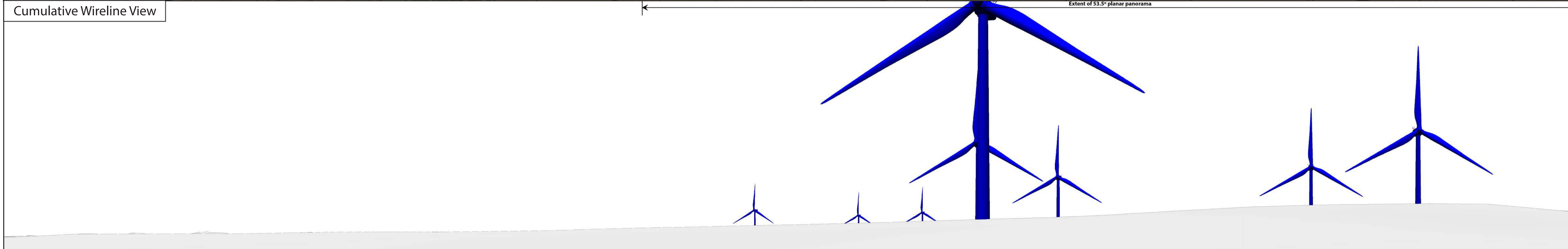
Baseline Photograph

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
- In Planning Turbines



National Grid Coordinate (ITM)
 Easting: 661789
 Northing: 764874
 Elevation: 86.1 m

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

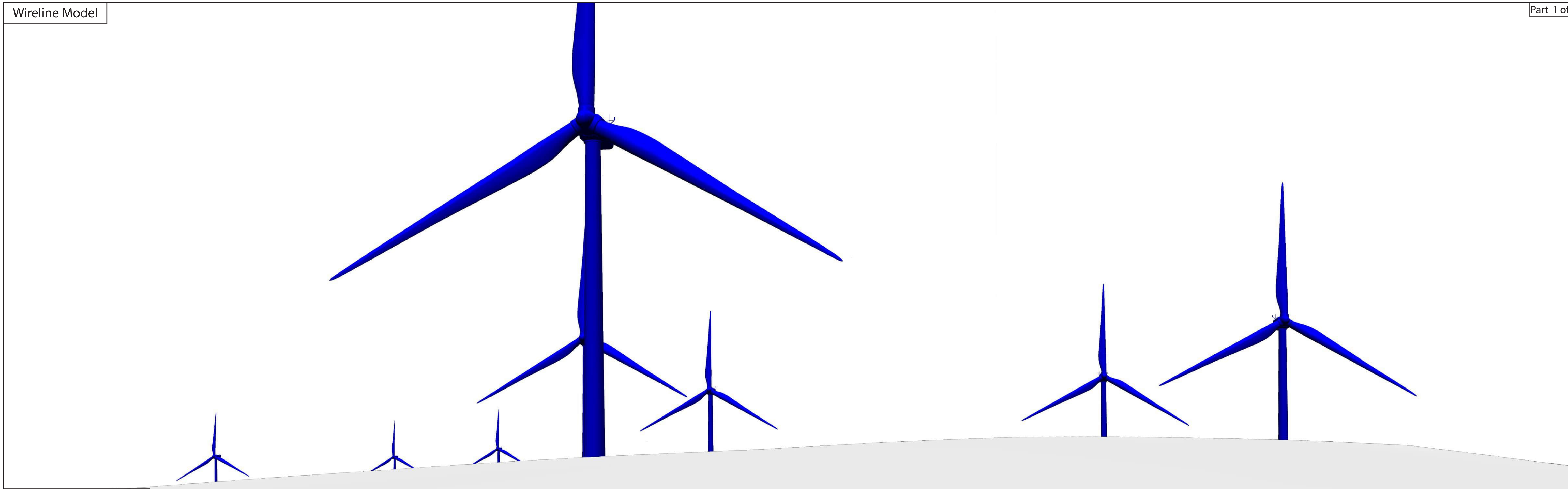
Date and Time: 07/04/2022 09:25
 Camera: Canon 5D Mark II
 Lens: Fixed 50mm
 Camera Height: 1.7m (AGL)

Direction (clockwise from Grid N): 19 °
 Distance to Nearest Visible Turbine: 0.4 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'.

- Proposed Turbines
- Existing Turbines
- Permitted Turbines
- In Planning Turbines



National Grid Coordinate (ITM)
 Easting: 661789
 Northing: 764874
 Elevation: 86.1 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: 07/04/2022 09:25
 Camera: Canon 5D Mark II
 Lens: Fixed 50mm
 Camera Height: 1.7m (AGL)

Direction (clockwise from Grid N): 37 °
 Distance to Nearest Visible Turbine: 0.4 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: 661789
 Northing: 764874
 Elevation: 86.1 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: 07/04/2022 09:25
 Camera: Canon 5D Mark II
 Lens: Fixed 50mm
 Camera Height: 1.7m (AGL)

Direction (clockwise from Grid N): 37 °
 Distance to Nearest Visible Turbine: 0.4 km
 Nearest Turbine: T8



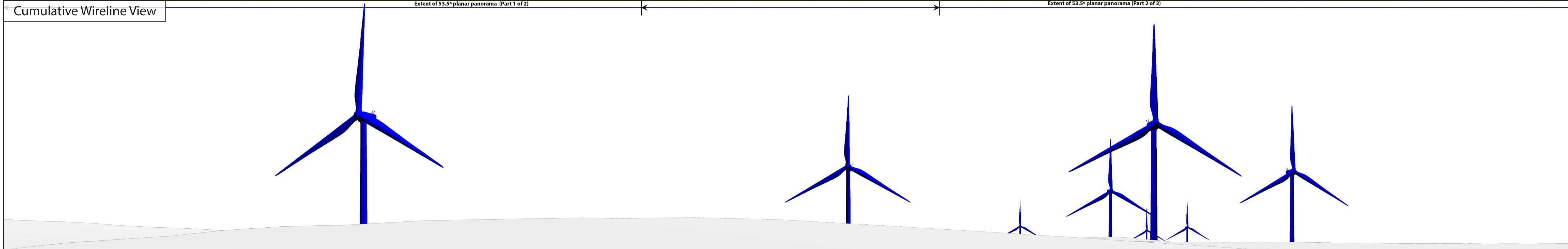
Baseline Photograph

This image provides landscape and visual context only

Part 1 of 1



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
- In Planning Turbines



National Grid Coordinate (ITM)
 Easting: 662379
 Northing: 764638
 Elevation: 87.7 m

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

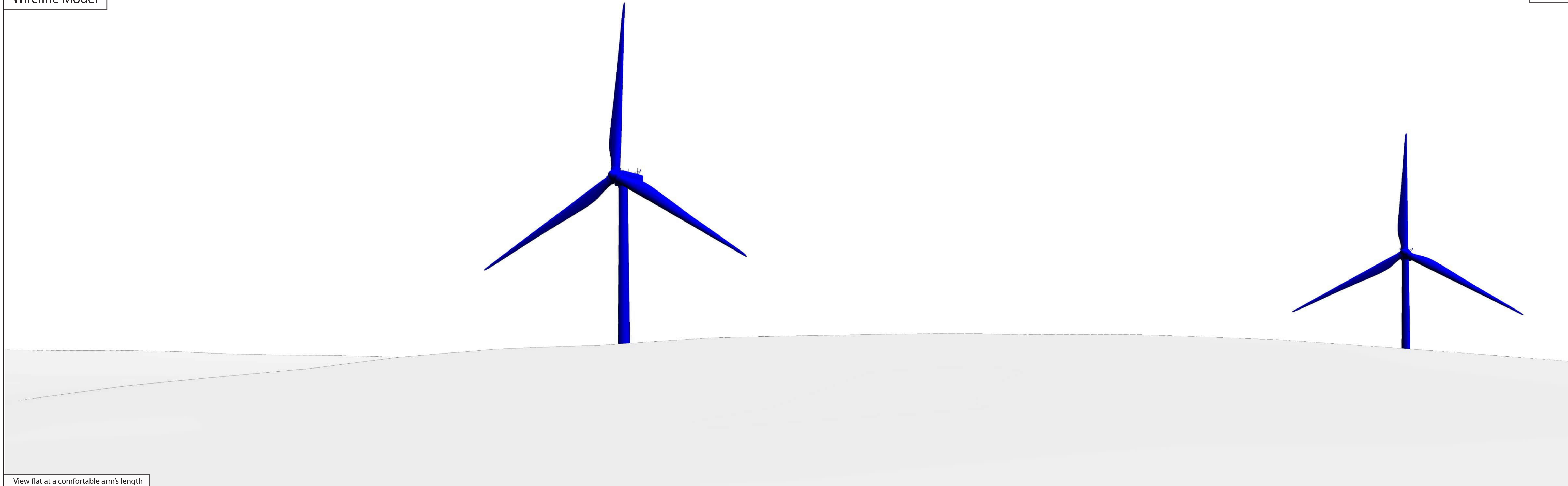
Date and Time: 07/04/2022 08:35
 Camera: Canon 5D Mark II
 Lens: Fixed 50mm
 Camera Height: 1.7m (AGL)

Direction (clockwise from Grid N): 353 °
 Distance to Nearest Visible Turbine: 0.7 km
 Nearest Turbine: T8



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
- In Planning Turbines



National Grid Coordinate (ITM)
 Easting: 662379
 Northing: 764638
 Elevation: 87.7 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: 07/04/2022 08:35
 Camera: Canon 5D Mark II
 Lens: Fixed 50mm
 Camera Height: 1.7m (AGL)

Direction (clockwise from Grid N): 334 °
 Distance to Nearest Visible Turbine: 0.7 km
 Nearest Turbine: T8



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: 662379
 Northing: 764638
 Elevation: 87.7 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

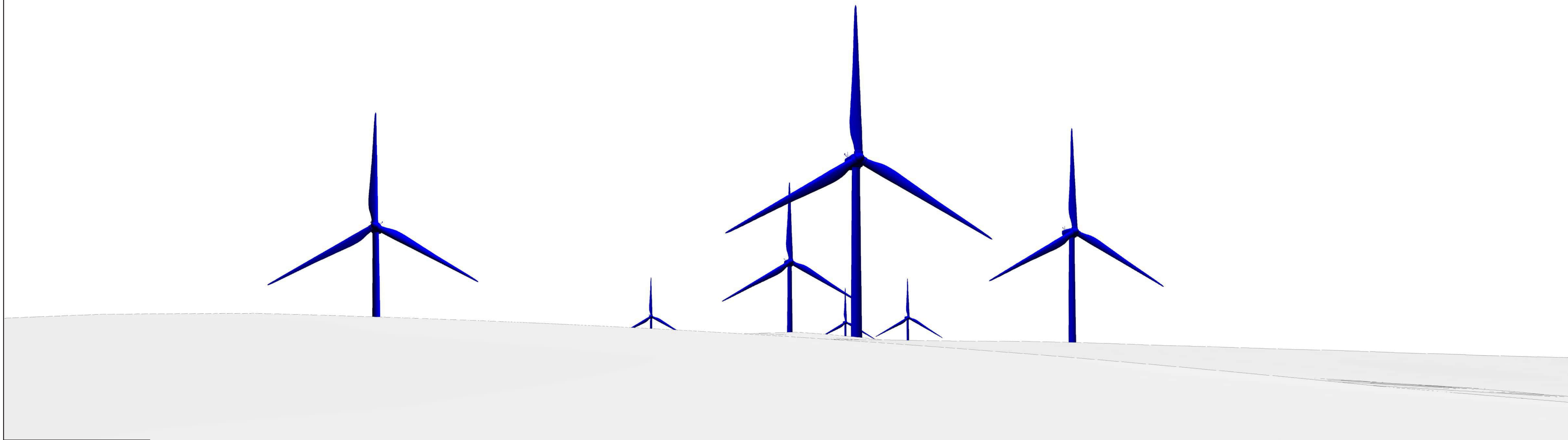
Date and Time: 07/04/2022 08:35
 Camera: Canon 5D Mark II
 Lens: Fixed 50mm
 Camera Height: 1.7m (AGL)

Direction (clockwise from Grid N): 334 °
 Distance to Nearest Visible Turbine: 0.7 km
 Nearest Turbine: T8



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
-  In Planning Turbines



National Grid Coordinate (ITM)
 Easting: 662379
 Northing: 764638
 Elevation: 87.7 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: 07/04/2022 08:35
 Camera: Canon 5D Mark II
 Lens: Fixed 50mm
 Camera Height: 1.7m (AGL)

Direction (clockwise from Grid N): 11 °
 Distance to Nearest Visible Turbine: 0.7 km
 Nearest Turbine: T8



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: 662379
 Northing: 764638
 Elevation: 87.7 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: 07/04/2022 08:35
 Camera: Canon 5D Mark II
 Lens: Fixed 50mm
 Camera Height: 1.7m (AGL)

Direction (clockwise from Grid N): 11 °
 Distance to Nearest Visible Turbine: 0.7 km
 Nearest Turbine: T8



Baseline Photograph

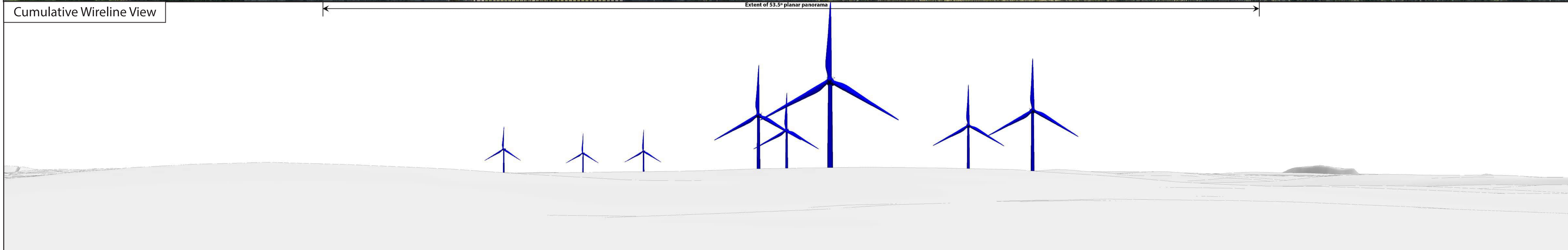
This image provides landscape and visual context only

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
- In Planning Turbines



National Grid Coordinate (ITM)
 Easting: 661338
 Northing: 764471
 Elevation: 89.9 m

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

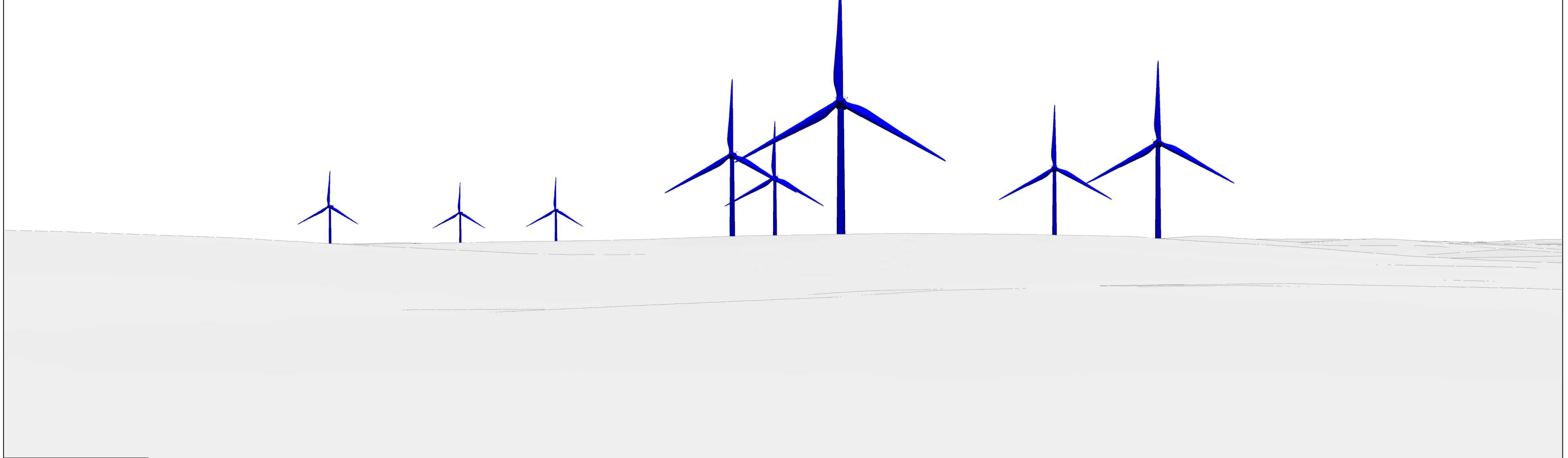
Date and Time: 07/04/2022 08:50
 Camera: Canon 5D Mark II
 Lens: Fixed 50mm
 Camera Height: 1.7m (AGL)

Direction (clockwise from Grid N): 39 °
 Distance to Nearest Visible Turbine: 1 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'.

- Proposed Turbines
- Existing Turbines
- Permitted Turbines
- In Planning Turbines



National Grid Coordinate (ITM)
 Easting: 661338
 Northing: 764471
 Elevation: 89.9 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: 07/04/2022 08:50
 Camera: Canon 5D Mark II
 Lens: Fixed 50mm
 Camera Height: 1.7m (AGL)

Direction (clockwise from Grid N): 39 °
 Distance to Nearest Visible Turbine: 1 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: 661338
 Northing: 764471
 Elevation: 89.9 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: 07/04/2022 08:50
 Camera: Canon 5D Mark II
 Lens: Fixed 50mm
 Camera Height: 1.7m (AGL)

Direction (clockwise from Grid N): 39 °
 Distance to Nearest Visible Turbine: 1 km
 Nearest Turbine: T8



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
- In Planning Turbines



National Grid Coordinate (ITM)
 Easting: 670454
 Northing: 763548
 Elevation: 76.2 m

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

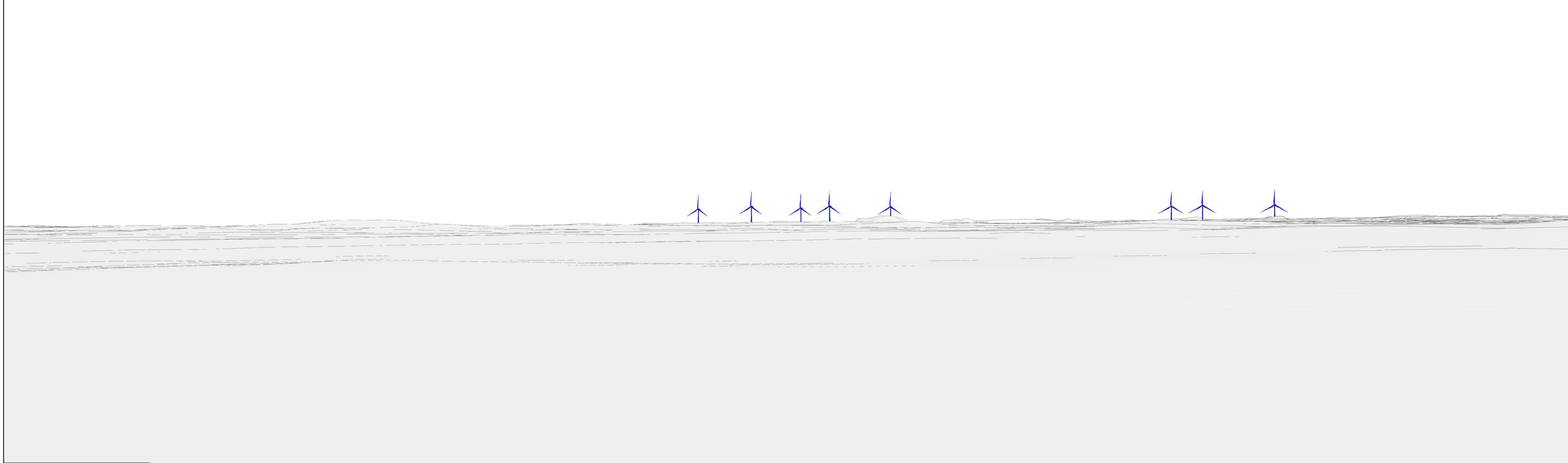
Date and Time: 04/07/2023 15:00
 Camera: Canon 5D Mark II
 Lens: Fixed 50mm
 Camera Height: 1.7m (AGL)

Direction (clockwise from Grid N): 266 °
 Distance to Nearest Visible Turbine: 8 km
 Nearest Turbine: T6



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: 670454
 Northing: 763548
 Elevation: 76.2 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: 04/07/2023 15:00
 Camera: Canon 5D Mark II
 Lens: Fixed 50mm
 Camera Height: 1.7m (AGL)

Direction (clockwise from Grid N): 285 °
 Distance to Nearest Visible Turbine: 8 km
 Nearest Turbine: T6



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: 670454
 Northing: 763548
 Elevation: 76.2 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: 04/07/2023 15:00
 Camera: Canon 5D Mark II
 Lens: Fixed 50mm
 Camera Height: 1.7m (AGL)

Direction (clockwise from Grid N): 285 °
 Distance to Nearest Visible Turbine: 8 km
 Nearest Turbine: T6



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
- In Planning Turbines



National Grid Coordinate (ITM)
 Easting: 673429
 Northing: 764512
 Elevation: 113.8 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: 29/09/2022 12:10
 Camera: Canon 5D Mark II
 Lens: Fixed 50mm
 Camera Height: 1.7m (AGL)

Direction (clockwise from Grid N): 263 °
 Distance to Nearest Visible Turbine: 10.7 km
 Nearest Turbine: T6



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'.

-  Proposed Turbines
-  Existing Turbines
-  Permitted Turbines
-  In Planning Turbines



National Grid Coordinate (ITM)
 Easting: 673429
 Northing: 764512
 Elevation: 113.8 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: 29/09/2022 12:10
 Camera: Canon 5D Mark II
 Lens: Fixed 50mm
 Camera Height: 1.7m (AGL)

Direction (clockwise from Grid N): 281 °
 Distance to Nearest Visible Turbine: 10.7 km
 Nearest Turbine: T6



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: 673429
 Northing: 764512
 Elevation: 113.8 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: 29/09/2022 12:10
 Camera: Canon 5D Mark II
 Lens: Fixed 50mm
 Camera Height: 1.7m (AGL)

Direction (clockwise from Grid N): 281 °
 Distance to Nearest Visible Turbine: 10.7 km
 Nearest Turbine: T6



Baseline Photograph

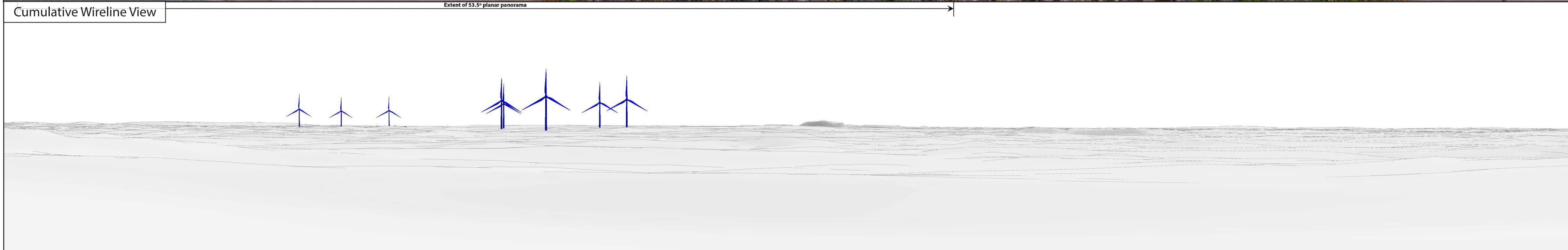
This image provides landscape and visual context only

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
- In Planning Turbines



National Grid Coordinate (ITM)
 Easting: 659965
 Northing: 763182
 Elevation: 101.1 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: 29/09/2022 11:36
 Camera: Canon 5D Mark II
 Lens: Fixed 50mm
 Camera Height: 1.7m (AGL)

Direction (clockwise from Grid N): 59 °
 Distance to Nearest Visible Turbine: 2.9 km
 Nearest Turbine: T8



Wireline Model

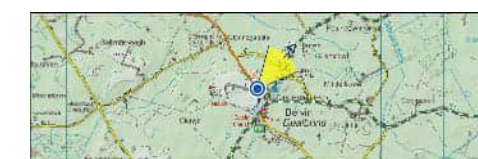
Part 1 of 1



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'.

- Proposed Turbines
- Existing Turbines
- Permitted Turbines
- In Planning Turbines



National Grid Coordinate (ITM)
 Easting: 659965
 Northing: 763182
 Elevation: 101.1 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: 29/09/2022 11:36
 Camera: Canon 5D Mark II
 Lens: Fixed 50mm
 Camera Height: 1.7m (AGL)

Direction (clockwise from Grid N): 41 °
 Distance to Nearest Visible Turbine: 2.9 km
 Nearest Turbine: T8



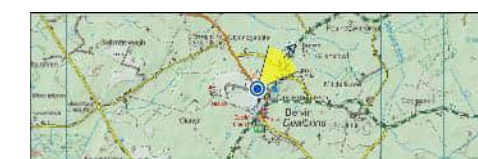
Photomontage

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: 659965
 Northing: 763182
 Elevation: 101.1 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: 29/09/2022 11:36
 Camera: Canon 5D Mark II
 Lens: Fixed 50mm
 Camera Height: 1.7m (AGL)

Direction (clockwise from Grid N): 41 °
 Distance to Nearest Visible Turbine: 2.9 km
 Nearest Turbine: T8



Baseline Photograph

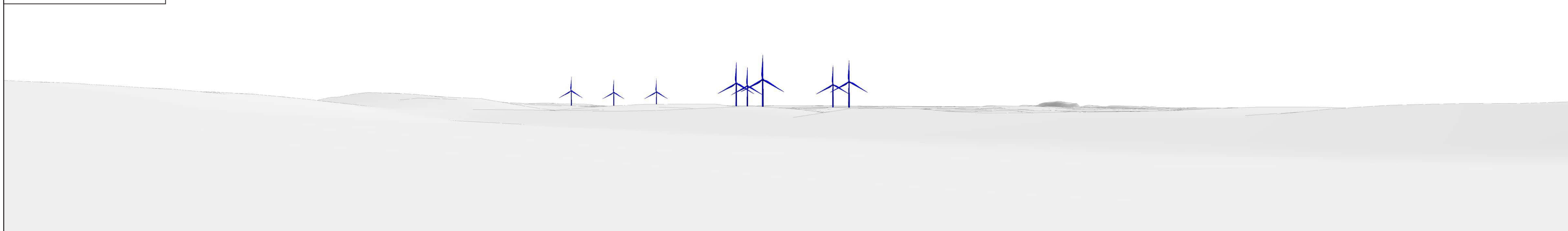
This image provides landscape and visual context only

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
- In Planning Turbines



National Grid Coordinate (ITM)
 Easting: 659945
 Northing: 762744
 Elevation: 98.5 m

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

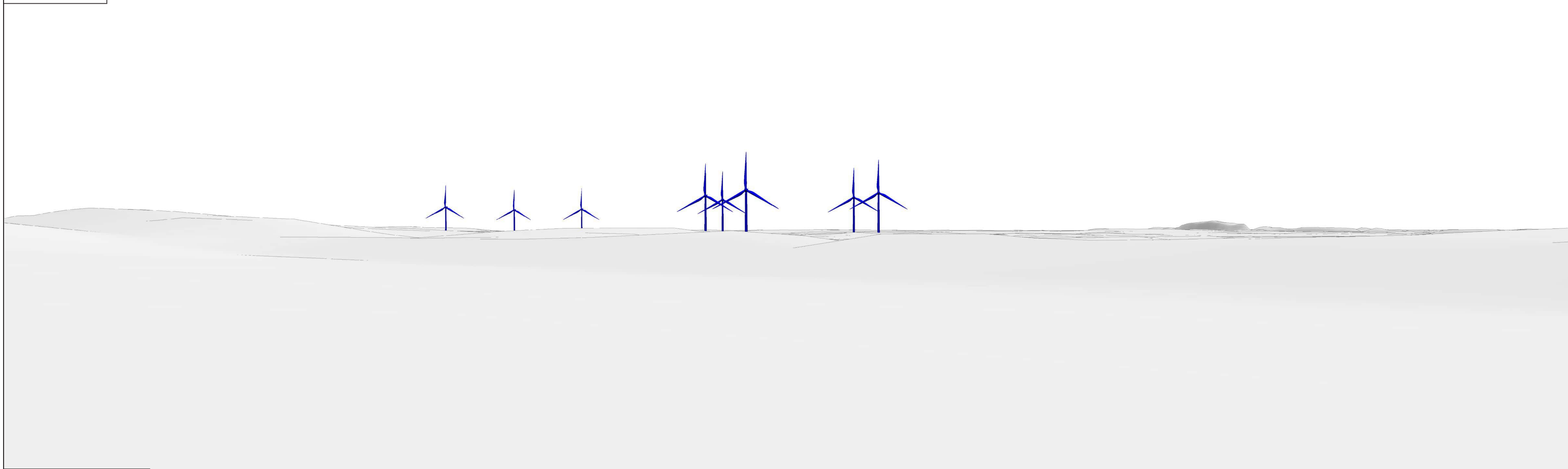
Date and Time: 29/09/2022 11:44
 Camera: Canon 5D Mark II
 Lens: Fixed 50mm
 Camera Height: 1.7m (AGL)

Direction (clockwise from Grid N): 41 °
 Distance to Nearest Visible Turbine: 3.2 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'.

- Proposed Turbines
- Existing Turbines
- Permitted Turbines
- In Planning Turbines



National Grid Coordinate (ITM)
 Easting: 659945
 Northing: 762744
 Elevation: 98.5 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: 29/09/2022 11:44
 Camera: Canon 5D Mark II
 Lens: Fixed 50mm
 Camera Height: 1.7m (AGL)

Direction (clockwise from Grid N): 41 °
 Distance to Nearest Visible Turbine: 3.2 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: 659945
 Northing: 762744
 Elevation: 98.5 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: 29/09/2022 11:44
 Camera: Canon 5D Mark II
 Lens: Fixed 50mm
 Camera Height: 1.7m (AGL)

Direction (clockwise from Grid N): 41 °
 Distance to Nearest Visible Turbine: 3.2 km
 Nearest Turbine: T8



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
-  In Planning Turbines



National Grid Coordinate (ITM)
 Easting: 646130
 Northing: 762090
 Elevation: 97.2 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: 29/09/2022 10:53
 Camera: Canon 5D Mark II
 Lens: Fixed 50mm
 Camera Height: 1.7m (AGL)

Direction (clockwise from Grid N): 64 °
 Distance to Nearest Visible Turbine: 16.2 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: 646130
 Northing: 762090
 Elevation: 97.2 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: 29/09/2022 10:53
 Camera: Canon 5D Mark II
 Lens: Fixed 50mm
 Camera Height: 1.7m (AGL)

Direction (clockwise from Grid N): 75 °
 Distance to Nearest Visible Turbine: 16.2 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: 646130
 Northing: 762090
 Elevation: 97.2 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: 29/09/2022 10:53
 Camera: Canon 5D Mark II
 Lens: Fixed 50mm
 Camera Height: 1.7m (AGL)

Direction (clockwise from Grid N): 75 °
 Distance to Nearest Visible Turbine: 16.2 km
 Nearest Turbine: T8



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
- In Planning Turbines



National Grid Coordinate (ITM)
 Easting: 659031
 Northing: 758443
 Elevation: 88.6 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: 29/09/2022 10:29
 Camera: Canon 5D Mark II
 Lens: Fixed 50mm
 Camera Height: 1.7m (AGL)

Direction (clockwise from Grid N): 59 °
 Distance to Nearest Visible Turbine: 10 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: 659031
 Northing: 758443
 Elevation: 88.6 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: 29/09/2022 10:29
 Camera: Canon 5D Mark II
 Lens: Fixed 50mm
 Camera Height: 1.7m (AGL)

Direction (clockwise from Grid N): 41 °
 Distance to Nearest Visible Turbine: 10 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: 659031
 Northing: 758443
 Elevation: 88.6 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: 29/09/2022 10:29
 Camera: Canon 5D Mark II
 Lens: Fixed 50mm
 Camera Height: 1.7m (AGL)

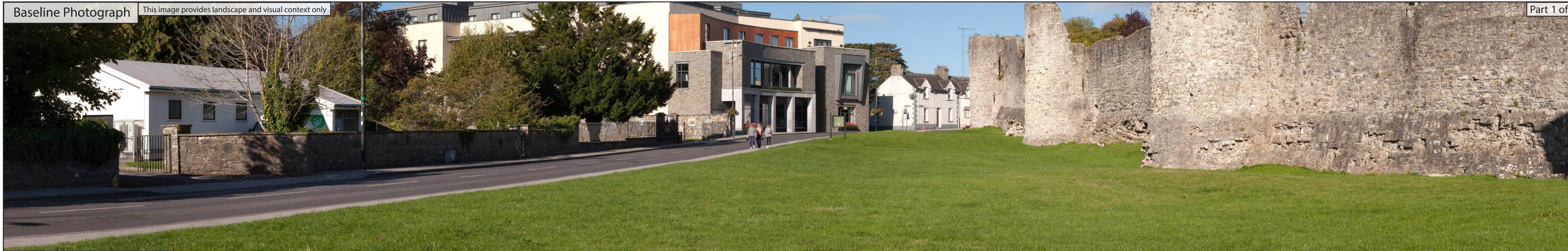
Direction (clockwise from Grid N): 41 °
 Distance to Nearest Visible Turbine: 10 km
 Nearest Turbine: T8



Baseline Photograph

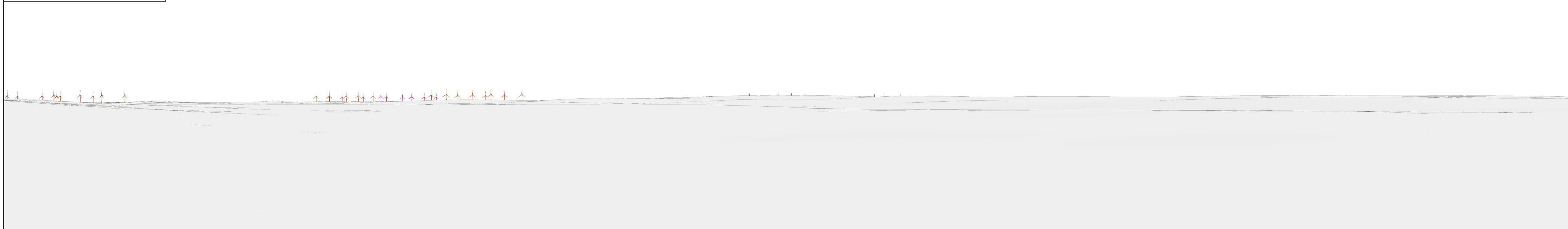
This image provides landscape and visual context only

Part 1 of 1



Cumulative Wireline View

Please Note: The proposed wind farm is not visible from this viewpoint



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
- In Planning Turbines



National Grid Coordinate (ITM)
 Easting: 680231
 Northing: 756632
 Elevation: 58.0 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: 29/09/2022 09:42
 Camera: Canon 5D Mark II
 Lens: Fixed 50mm
 Camera Height: 1.7m (AGL)

Direction (clockwise from Grid N): 297 °
 Distance to Nearest Visible Turbine: N/A km
 Nearest Turbine: T6



Baseline Photograph

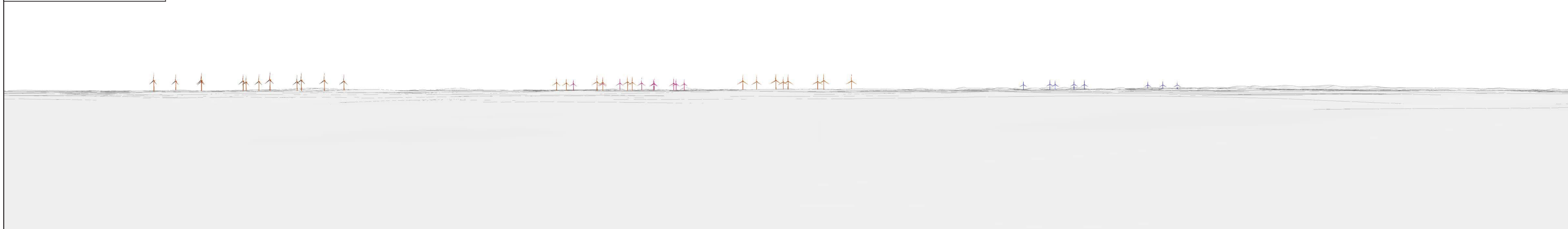
This image provides landscape and visual context only

Part 1 of 1



Cumulative Wireline View

Please Note: The proposed wind farm is not visible from this viewpoint



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
- In Planning Turbines



National Grid Coordinate (ITM)
 Easting: 676603
 Northing: 753952
 Elevation: 59.0 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: 29/09/2022 09:08
 Camera: Canon 5D Mark II
 Lens: Fixed 50mm
 Camera Height: 1.7m (AGL)

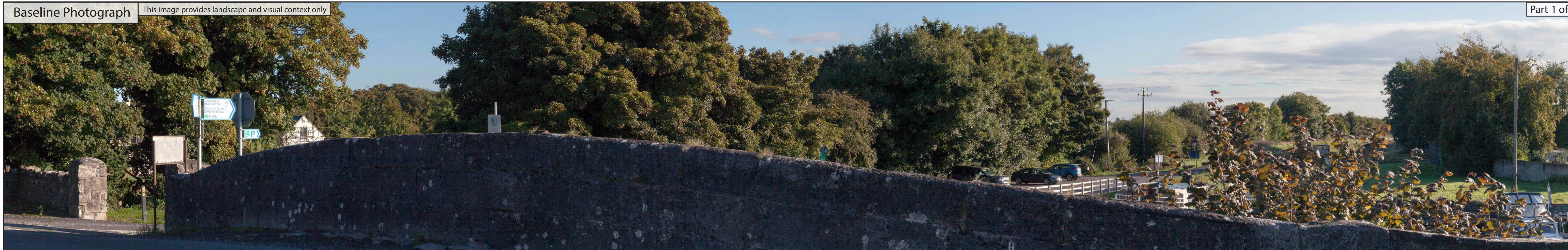
Direction (clockwise from Grid N): 294 °
 Distance to Nearest Visible Turbine: N/A km
 Nearest Turbine: T7



Baseline Photograph

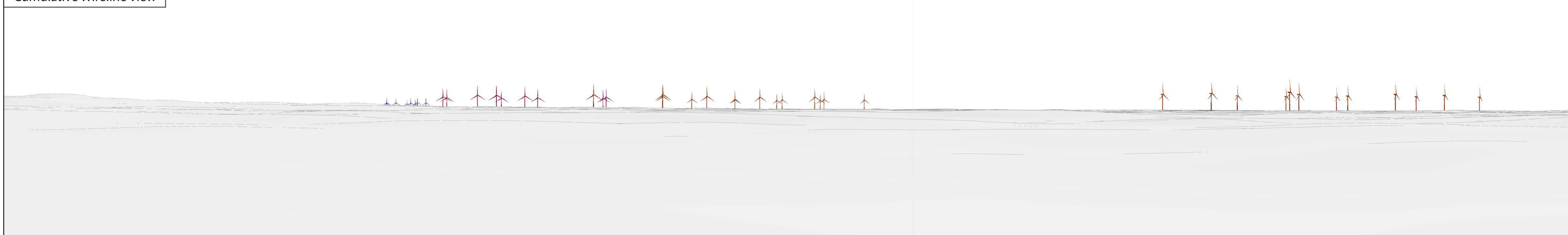
This image provides landscape and visual context only

Part 1 of 1



Cumulative Wireline View

Please Note: The proposed wind farm is not visible from this viewpoint



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
- In Planning Turbines



National Grid Coordinate (ITM)
 Easting: 657892
 Northing: 749898
 Elevation: 79.9 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: 29/09/2022 08:24
 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:

38 °
 N/A km
 T8



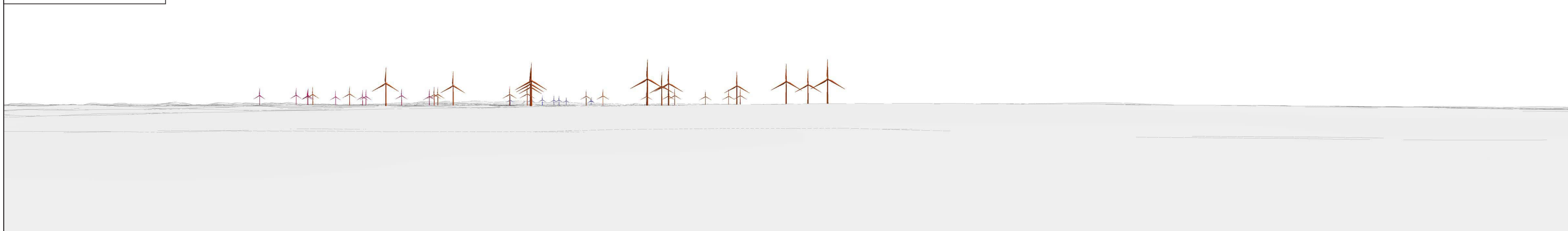
Baseline Photograph

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
- In Planning Turbines



National Grid Coordinate (ITM)
 Easting: 665386
 Northing: 747484
 Elevation: 80.3 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: 29/09/2022 08:43
 Camera: Canon 5D Mark II
 Lens: Fixed 50mm
 Camera Height: 1.7m (AGL)

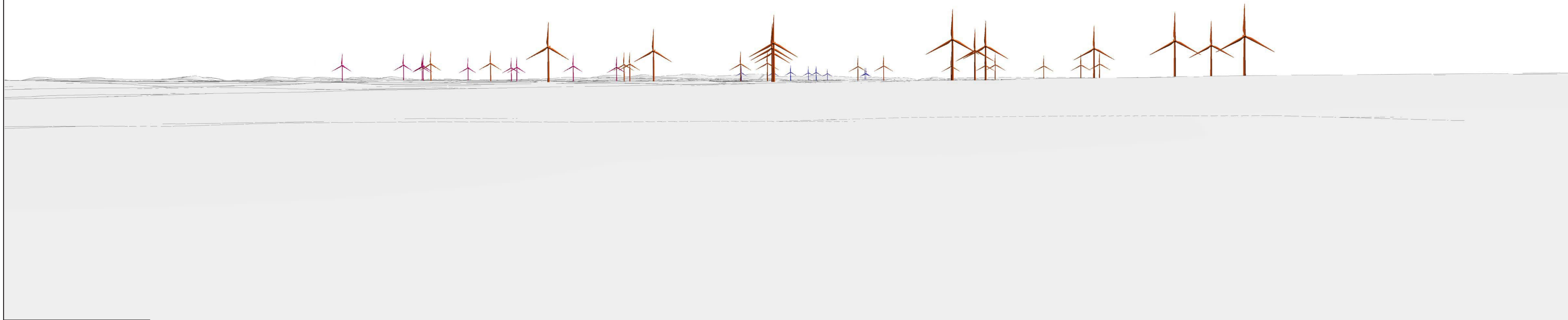
Direction (clockwise from Grid N):
 Distance to Nearest Visible Turbine:
 Nearest Turbine:

5 °
 18.1 km
 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'.

-  Proposed Turbines
-  Existing Turbines
-  Permitted Turbines
-  In Planning Turbines



National Grid Coordinate (ITM)
 Easting: 665386
 Northing: 747484
 Elevation: 80.3 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: 29/09/2022 08:43
 Camera: Canon 5D Mark II
 Lens: Fixed 50mm
 Camera Height: 1.7m (AGL)

Direction (clockwise from Grid N): 351 °
 Distance to Nearest Visible Turbine: 18.1 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: 665386
 Northing: 747484
 Elevation: 80.3 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: 29/09/2022 08:43
 Camera: Canon 5D Mark II
 Lens: Fixed 50mm
 Camera Height: 1.7m (AGL)

Direction (clockwise from Grid N): 351 °
 Distance to Nearest Visible Turbine: 18.1 km
 Nearest Turbine: T8

