

Knockanarragh Wind Farm

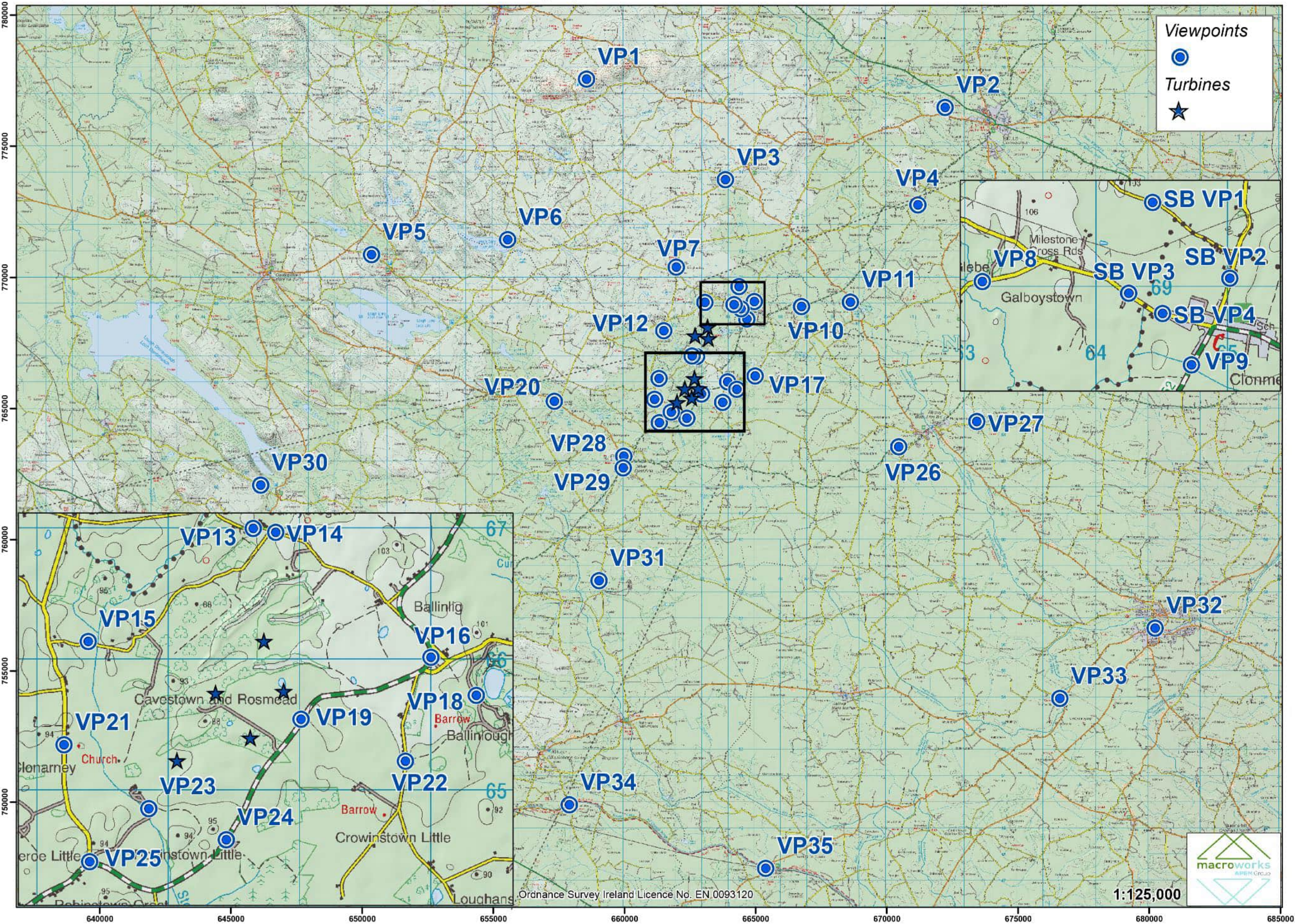
LVIA Photomontages Book 1: VP1 - VP16

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

August 2023



Viewpoint locations selected for the Knockanarragh Wind Farm project



VP1: Loughcrew Cairns

Page 1: Baseline (Contextual Wireline and Photo)

Page 2: Wireline

Page 3: Photomontage

VP2: Tower of Lloyd

Page 1: Baseline (Contextual Wireline and Photo)

Page 2: Wireline

Page 3: Photomontage

VP3: Local Road south of Crossakiel

Page 1: Baseline (Contextual Wireline and Photo)

Page 2: Wireline

Page 3: Photomontage

VP4: N52 south of Balrath Demesne

Page 1: Baseline (Contextual Wireline and Photo)

Page 2: Wireline

Page 3: Photomontage

VP5: Fore Abbey

Page 1: Baseline (Contextual Wireline and Photo)

Page 2: Wireline

Page 3: Photomontage

VP6: L28093 at Lough Bane

Page 1: Baseline (Contextual Wireline and Photo)

Page 2: Wireline

Page 3: Photomontage

VP7: Killallon Heritage Walk/Darcy's Cross Roads

Page 1: Baseline (Contextual Wireline and Photo)

Page 2: Wireline

Page 3: Photomontage

VP8: Local Road north of the site

Page 1: Baseline (Contextual Wireline and Photo)

Page 2: Wireline

Page 3: Photomontage

VP9: N52 at Clonmellon

Page 1: Baseline (Contextual Wireline and Photo)

Page 2: Wireline

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VP10: N52 junction with L1546 north

Page 1: Baseline (Contextual Wireline and Photo)

Page 2: Wireline

Page 3: Photomontage

VP11: R154 at Drewstown Little

Page 1: Baseline (Contextual Wireline and Photo)

Page 2: Wireline

Page 3: Photomontage

VP12: Local Road at Sranaboll, northeast of the site

Page 1: Baseline (Contextual Wireline and Photo)

Page 2: Wireline - Part 1

Page 3: Photomontage - Part 1

Page 4: Wireline - Part 2

Page 5: Photomontage - Part 2

VP13: L5542 at Carnybrogan (Location A)

Page 1: Baseline - Part 1 (Contextual Wireline and Photo)

Page 2: Baseline - Part 2 (Contextual Wireline and Photo)

Page 3: Contextual Photomontage

Page 4: Wireline

Page 5: Photomontage

VP14: L5542 at Carnybrogan (Location B)

Page 1: Baseline - Part 1 (Contextual Wireline and Photo)

Page 2: Baseline - Part 2 (Contextual Wireline and Photo)

Page 3: Wireline

Page 4: Photomontage

VP15: Local Road at Rosmead and Cavestown, west of the site

Page 1: Baseline - Part 1 (Contextual Wireline and Photo)

Page 2: Baseline - Part 2 (Contextual Wireline and Photo)

Page 3: Contextual Photomontage

Page 4: Wireline - Part 1

Page 5: Photomontage - Part 1

Page 6: Wireline - Part 2

Page 7: Photomontage - Part 2

VP16: N52 junction west of Ballinlough Castle

Page 1: Baseline - Part 1 (Contextual Wireline and Photo)

Page 2: Baseline - Part 2 (Contextual Wireline and Photo)

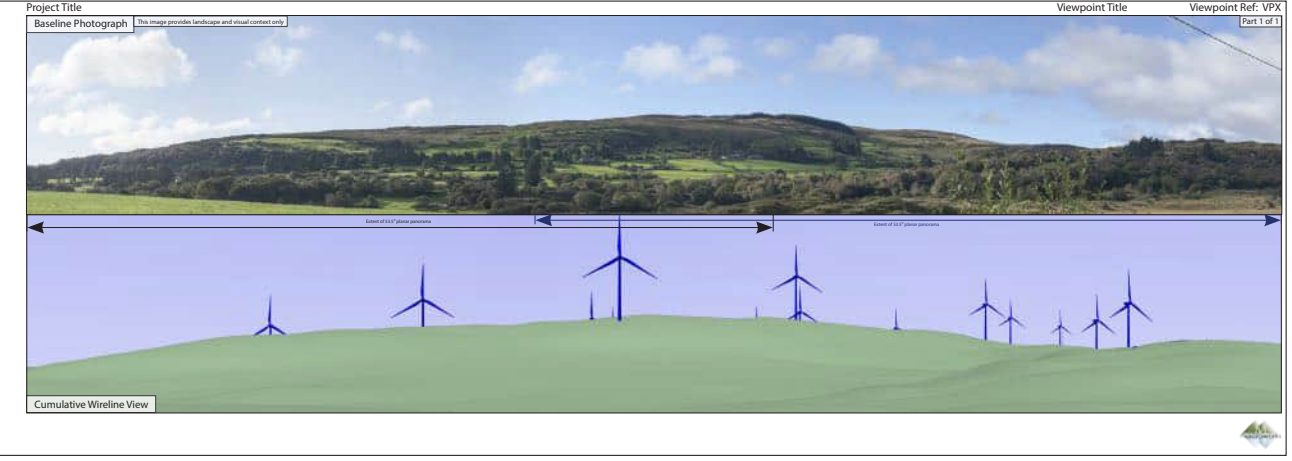



Page 3: Contextual Photomontage

Page 4: Wireline - Part 1

Page 5: Photomontage - Part 1

Page 6: Wireline - Part 2

Page 7: Photomontage - Part 2

<p>How photomontages are presented for each viewpoint</p> <p>Sheet 1: 90° Baseline panorama and matching wireline</p> 	<p>What is Displayed</p> <p>90° Baseline Panorama Photograph and matching Cumulative Wireline (Cylindrical Projection - to be viewed curved):</p> <p>The top image depicts a 90° (included angle) Baseline panorama generated from captured photography.</p> <p>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.</p> <p>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.</p>	<p>Rationale</p> <p>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.</p>
<p>Sheet 2 (provided where necessary): Contextual Panoramic Photomontage View (120° - 180°)</p> 	<p>Contextual Panoramic Photomontage View (ranging from 120° to 180°) (Cylindrical Projection - to be viewed curved):</p> <p>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.</p> <p>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.</p>	<p>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.</p>
<p>Sheet 3: 53.5° Wireline View</p> 	<p>53.5° Wireline View (Planar Projection - to be viewed flat)</p> <p>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).</p> <p>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.</p>	<p>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.</p>
<p>Sheet 4: 53.5° Panoramic Photomontage View</p> 	<p>53.5° Panoramic Photomontage View (Planar Projection - to be viewed flat):</p> <p>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.</p> <p>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.</p>	<p>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.</p>

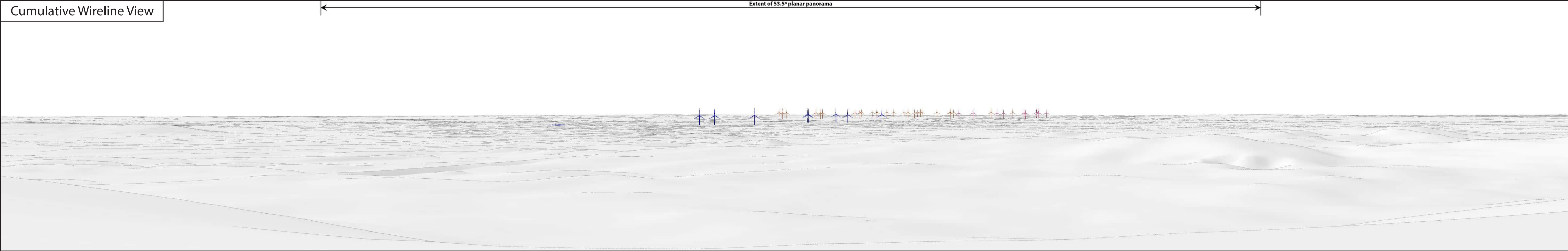
Baseline Photograph

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: 658553
Northing: 777563
Elevation: 267.5 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: 13/09/2022 12:15
Camera: Canon 5D Mark II
Lens: Fixed 50mm
Camera Height: 1.7m (AGL)

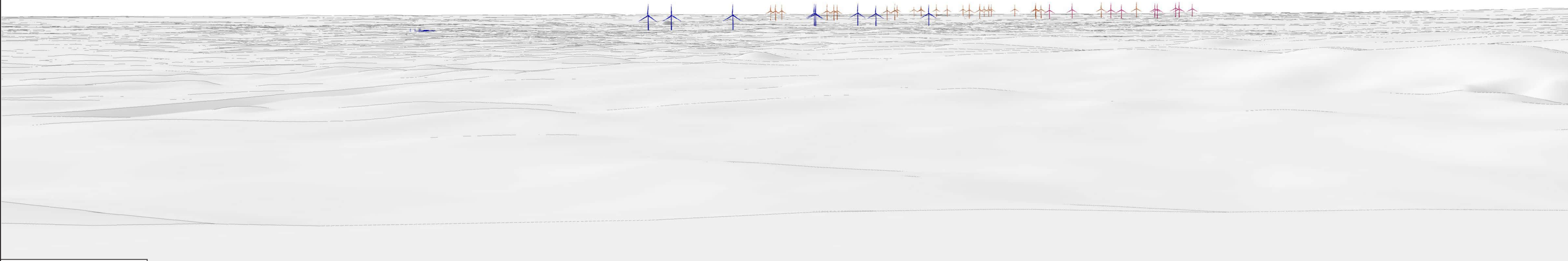
Direction (clockwise from Grid N):
Distance to Nearest Visible Turbine:
Nearest Turbine:

159 °
10.5 km
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: 658553
Northing: 777563
Elevation: 267.5 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: 13/09/2022 12:15
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:

159 °
10.5 km
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: 658553
Northing: 777563
Elevation: 267.5 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: 13/09/2022 12:15
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:

159 °
10.5 km
T1



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'.



National Grid Coordinate (ITM)
Easting: 672224
Northing: 776486
Elevation: 128.1 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: 13/09/2022 10:51
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:

210 °
12.3 km
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'.

 Proposed Turbines

 Existing Turbines

 Permitted Turbines

 In Planning Turbines



National Grid Cordinate (ITM)
Easting: 672224
Northing: 776486
Elevation: 128.1 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: 13/09/2022 10:51
Camera: Canon 5D Mark II
Lens: Fixed 50mm
Camera Height: 1.7m (AGL)

Direction (clockwise from Grid N): 224 °
Distance to Nearest Visible Turbine: 12.3 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: 672224
Northing: 776486
Elevation: 128.1 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: 13/09/2022 10:51
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:

224 °
12.3 km
T1



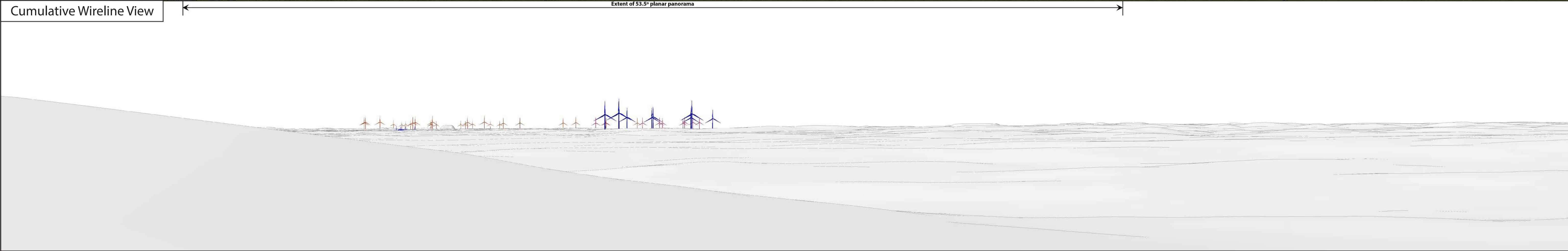
Baseline Photograph

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'.



National Grid Coordinate (ITM)
Easting: 663852
Northing: 773725
Elevation: 116.1 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: 13/09/2022 11:36
Camera: Canon 5D Mark II
Lens: Fixed 50mm
Camera Height: 1.7m (AGL)

Direction (clockwise from Grid N): 197 °
Distance to Nearest Visible Turbine: 5.7 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 Cordinate (ITM)
Easting: 663852
Northing: 773725
Elevation: 116.1 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: 13/09/2022 11:36
Camera: Canon 5D Mark II
Lens: Fixed 50mm
Camera Height: 1.7m (AGL)

Direction (clockwise from Grid N): 189 °
Distance to Nearest Visible Turbine: 5.7 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 Cordinate (ITM)
Easting: 663852
Northing: 773725
Elevation: 116.1 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: 13/09/2022 11:36
Camera: Canon 5D Mark II
Lens: Fixed 50mm
Camera Height: 1.7m (AGL)

Direction (clockwise from Grid N):
Distance to Nearest Visible Turbine: 5.7 km
Nearest Turbine: T1



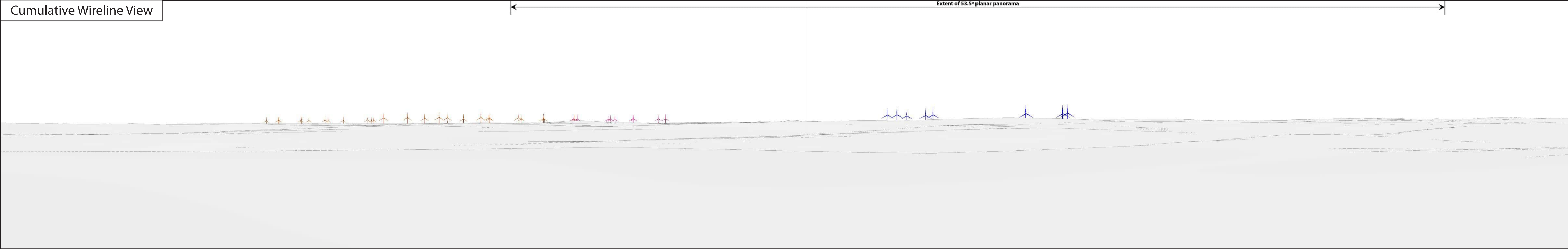
Baseline Photograph

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'.



National Grid Cordinate (ITM)
Easting: 671189
Northing: 772772
Elevation: 85.9 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: 13/09/2022 11:18
Camera: Canon 5D Mark II
Lens: Fixed 50mm
Camera Height: 1.7m (AGL)

Direction (clockwise from Grid N): 224 °
Distance to Nearest Visible Turbine: 9.3 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 Cordinate (ITM)
Easting: 671189
Northing: 772772
Elevation: 85.9 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: 13/09/2022 11:18
Camera: Canon 5D Mark II
Lens: Fixed 50mm
Camera Height: 1.7m (AGL)

Direction (clockwise from Grid N): 235 °
Distance to Nearest Visible Turbine: 9.3 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: 671189
Northing: 772772
Elevation: 85.9 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: 13/09/2022 11:18
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 °
9.3 km
T1



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'.



National Grid Coordinate (ITM)
Easting: 650361
Northing: 770873
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

Date and Time: 13/09/2022 13:43
Camera: Canon 5D Mark II
Lens: Fixed 50mm
Camera Height: 1.7m (AGL)

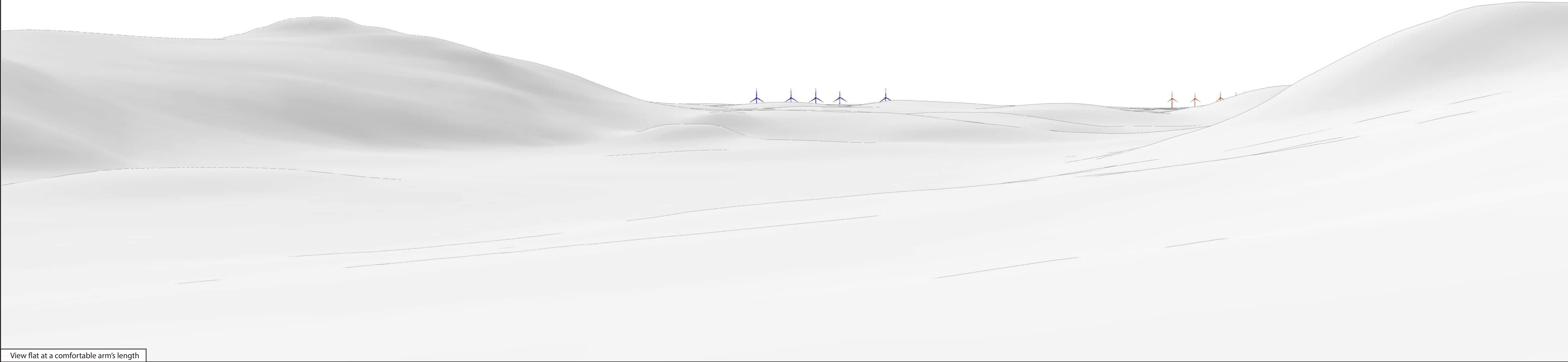
Direction (clockwise from Grid N):
Distance to Nearest Visible Turbine:
Nearest Turbine:

104 °
12.7 km
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 Cordinate (ITM)
Easting: 650361
Northing: 770873
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: 13/09/2022 13:43
Camera: Canon 5D Mark II
Lens: Fixed 50mm
Camera Height: 1.7m (AGL)

Direction (clockwise from Grid N): 112 °
Distance to Nearest Visible Turbine: 12.7 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: 650361
Northing: 770873
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: 13/09/2022 13:43
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:

112 °
12.7 km
T2



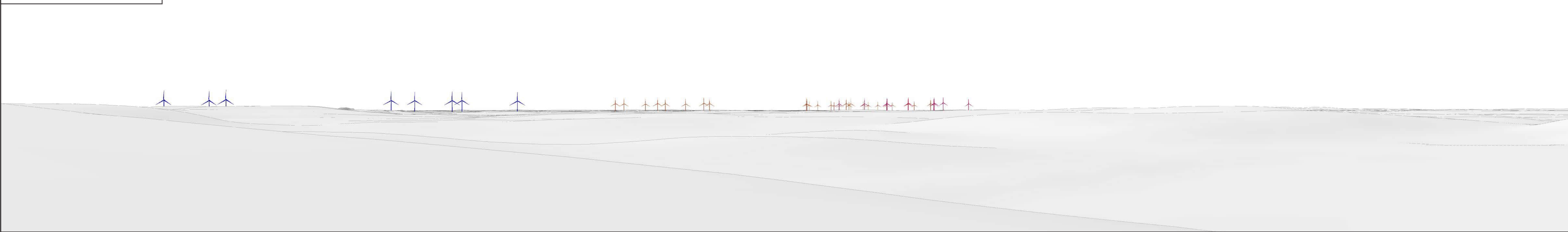
Baseline Photograph

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
-  In Planning Turbines



National Grid Coordinate (ITM)
Easting: 655545
Northing: 771442
Elevation: 135.1 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: 13/09/2022 12:53
Camera: Canon 5D Mark II
Lens: Fixed 50mm
Camera Height: 1.7m (AGL)

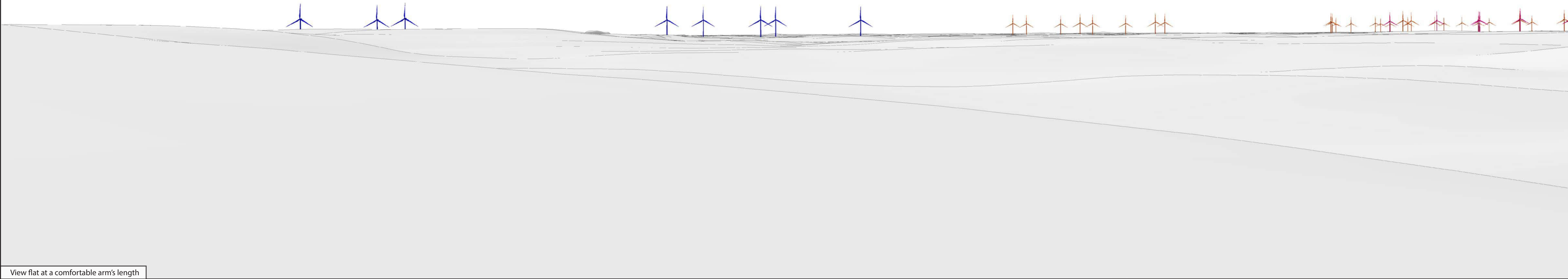
Direction (clockwise from Grid N):
Distance to Nearest Visible Turbine:
Nearest Turbine:

149 °
8 km
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 Cordinate (ITM)
Easting: 655545
Northing: 771442
Elevation: 135.1 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: 13/09/2022 12:53
Camera: Canon 5D Mark II
Lens: Fixed 50mm
Camera Height: 1.7m (AGL)

Direction (clockwise from Grid N): 131 °
Distance to Nearest Visible Turbine: 8 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 Cordinate (ITM)
Easting: 655545
Northing: 771442
Elevation: 135.1 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: 13/09/2022 12:53
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:

131 °
8 km
T2



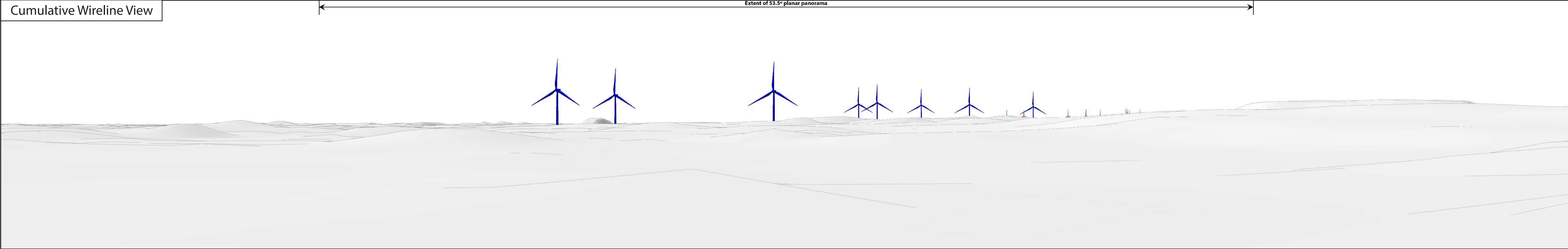
Baseline Photograph

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
-  In Planning Turbines



National Grid Coordinate (ITM)
Easting: 661978
Northing: 770394
Elevation: 107.5 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 14:11
Camera: Canon 5D Mark II
Lens: Fixed 50mm
Camera Height: 1.7m (AGL)

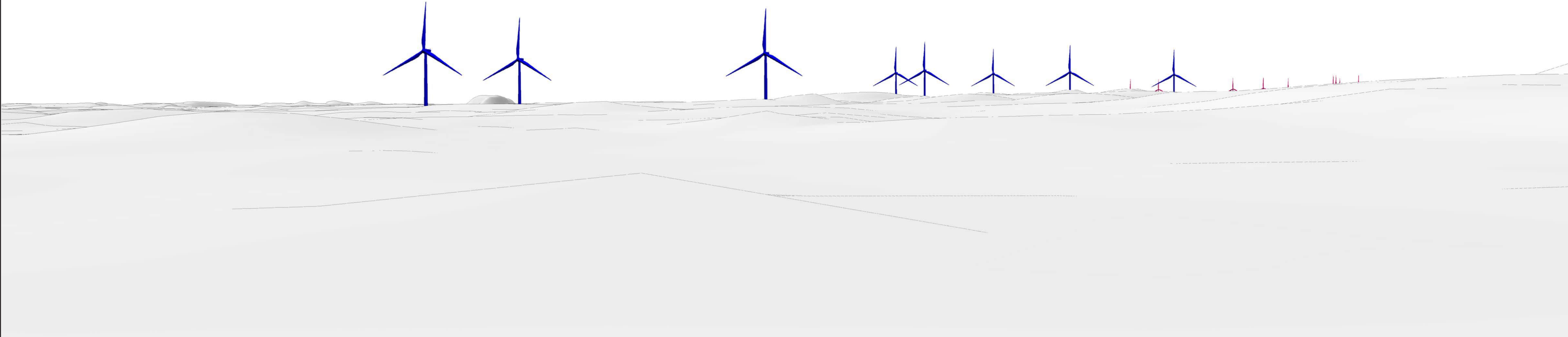
Direction (clockwise from Grid N):
Distance to Nearest Visible Turbine:
Nearest Turbine:

165 °
2.75 km
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 Cordinate (ITM)
Easting: 661978
Northing: 770394
Elevation: 107.5 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 14:11
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:

165 °
2.75 km
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: 661978
Northing: 770394
Elevation: 107.5 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 14:11
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:

165 °
2.75 km
T1



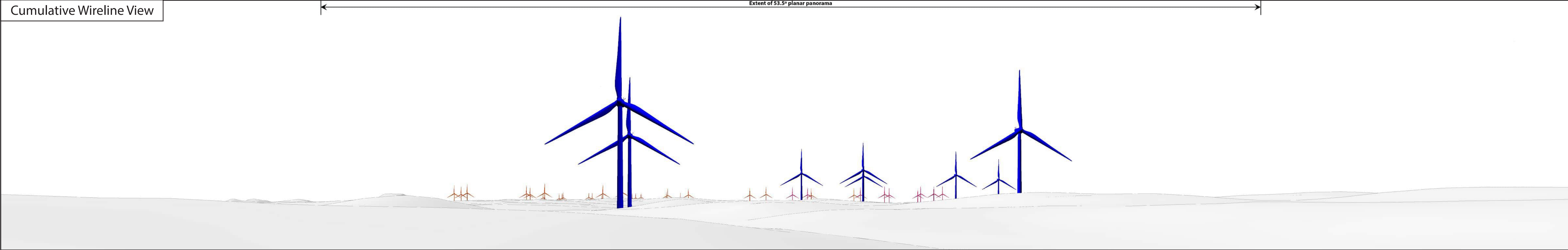
Baseline Photograph

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'.



National Grid Coordinate (ITM)
Easting: 663070
Northing: 769053
Elevation: 97.0 m

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

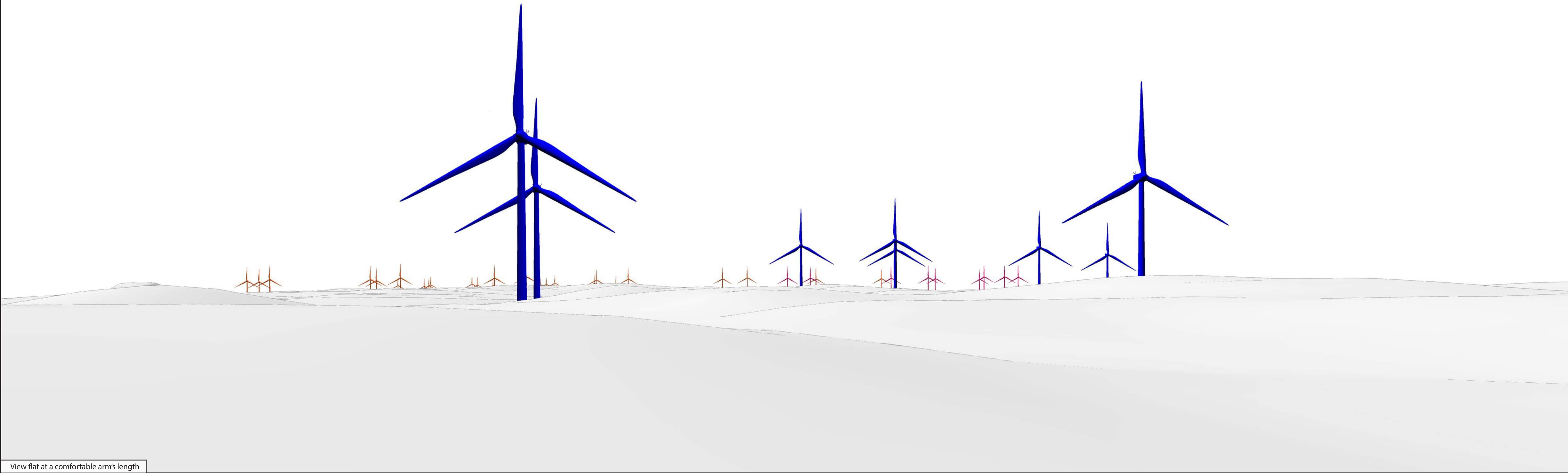
Date and Time: 07/04/2022 08:03
Camera: Canon 5D Mark II
Lens: Fixed 50mm
Camera Height: 1.7m (AGL)

Direction (clockwise from Grid N): 184 °
Distance to Nearest Visible Turbine: 0.9 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 Cordinate (ITM)
Easting: 663070
Northing: 769053
Elevation: 97.0 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: 07/04/2022 08:03
Camera: Canon 5D Mark II
Lens: Fixed 50mm
Camera Height: 1.7m (AGL)

Direction (clockwise from Grid N): 184 °
Distance to Nearest Visible Turbine: 0.9 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: 663070
Northing: 769053
Elevation: 97.0 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: 07/04/2022 08:03
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:

184 °
0.9 km
T1



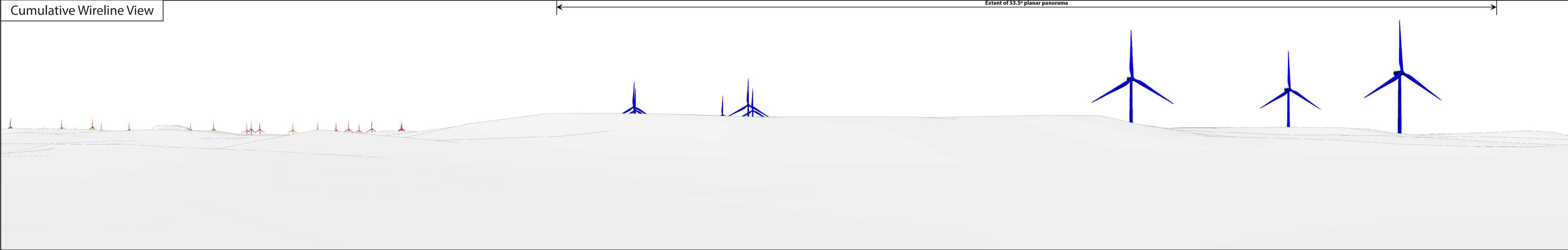
Baseline Photograph

This image provides landscape and visual context only

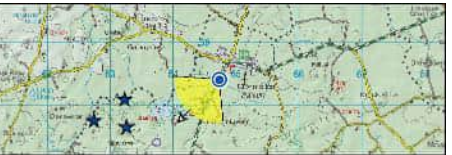


Cumulative Wireline View

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'.



National Grid Coordinate (ITM)
Easting: 664664
Northing: 768417
Elevation: 93.6 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 12:51
Camera: Canon 5D Mark II
Lens: Fixed 50mm
Camera Height: 1.7m (AGL)

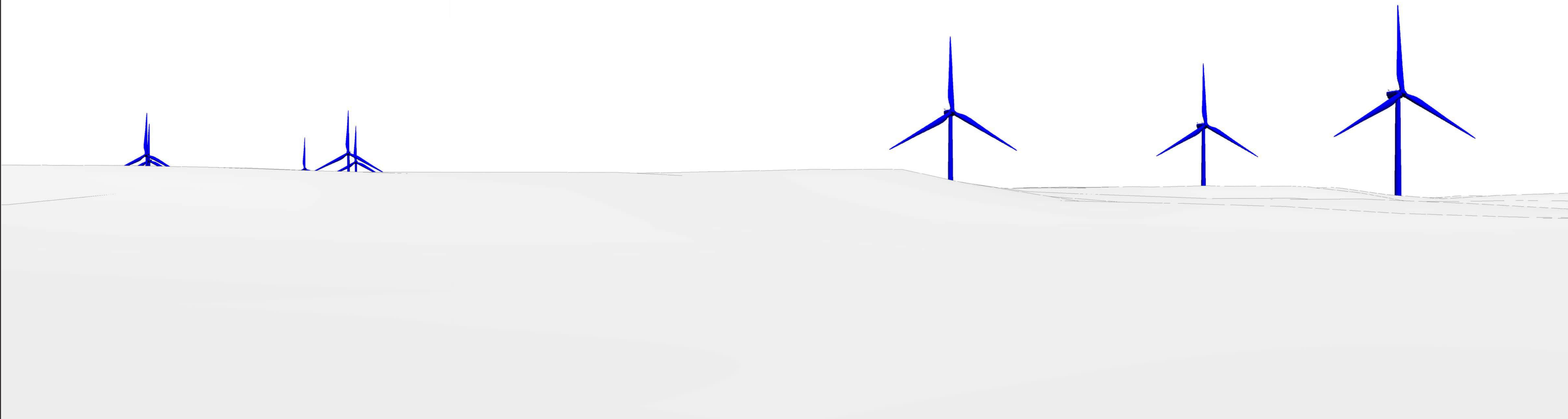
Direction (clockwise from Grid N):
Distance to Nearest Visible Turbine:
Nearest Turbine:

224 °
1.6 km
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 Cordinate (ITM)
Easting: 664664
Northing: 768417
Elevation: 93.6 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 12:51
Camera: Canon 5D Mark II
Lens: Fixed 50mm
Camera Height: 1.7m (AGL)

Direction (clockwise from Grid N): 237 °
Distance to Nearest Visible Turbine: 1.6 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 Cordinate (ITM)
Easting: 664664
Northing: 768417
Elevation: 93.6 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 12:51
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:

237 °
1.6 km
T1



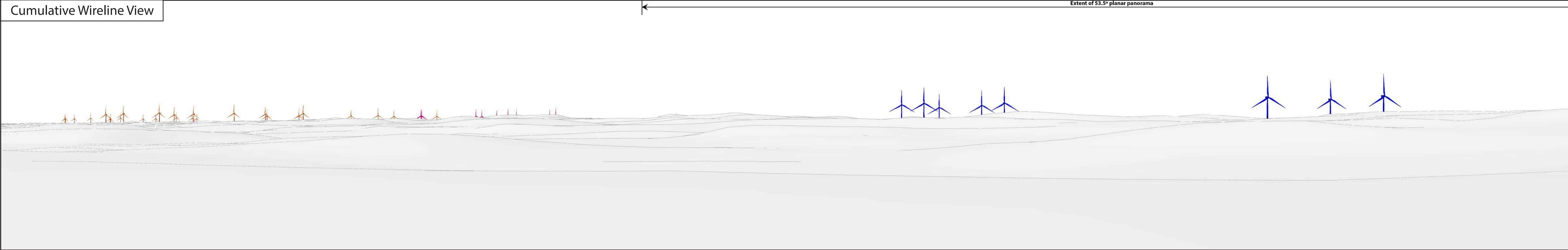
Baseline Photograph

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'.



National Grid Coordinate (ITM)
Easting: 666752
Northing: 768890
Elevation: 91.0 m

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

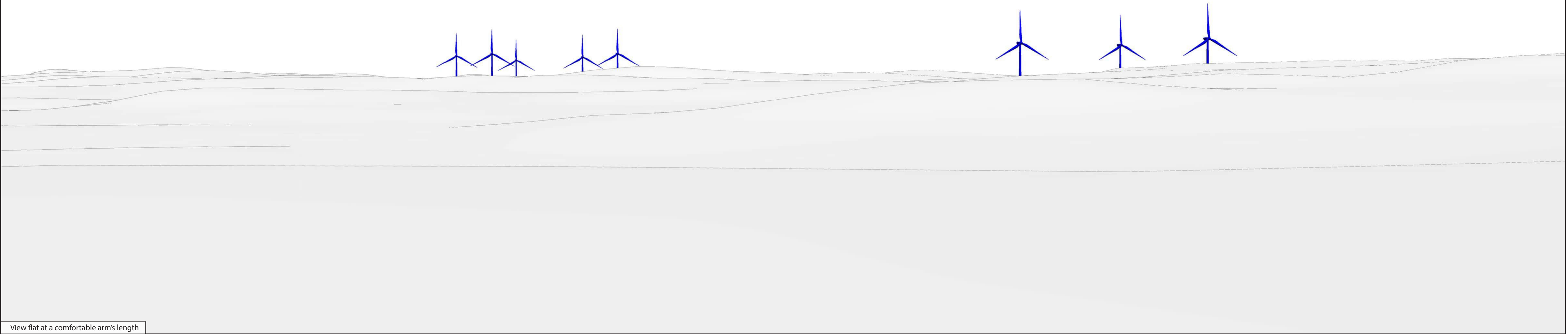
Date and Time: 04/07/2023 16:20
Camera: Canon 5D Mark II
Lens: Fixed 50mm
Camera Height: 1.7m (AGL)

Direction (clockwise from Grid N): 224 °
Distance to Nearest Visible Turbine: 3.7 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 Cordinate (ITM)
Easting: 666752
Northing: 768890
Elevation: 91.0 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: 04/07/2023 16:20
Camera: Canon 5D Mark II
Lens: Fixed 50mm
Camera Height: 1.7m (AGL)

Direction (clockwise from Grid N): 242 °
Distance to Nearest Visible Turbine: 3.7 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 Cordinate (ITM)
Easting: 666752
Northing: 768890
Elevation: 91.0 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: 04/07/2023 16:20
Camera: Canon 5D Mark II
Lens: Fixed 50mm
Camera Height: 1.7m (AGL)

Direction (clockwise from Grid N): 242 °
Distance to Nearest Visible Turbine: 3.7 km
Nearest Turbine: T1



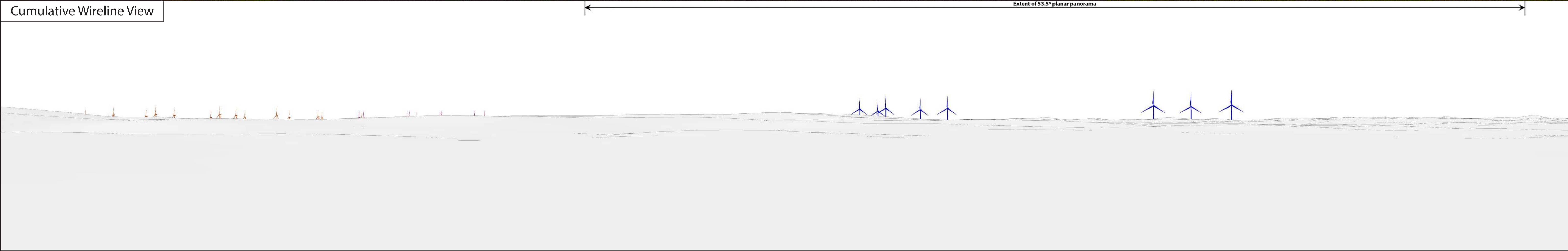
Baseline Photograph

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'.



National Grid Cordinate (ITM)
Easting: 668621
Northing: 769063
Elevation: 78.1 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: 04/07/2023 16:27
Camera: Canon 5D Mark II
Lens: Fixed 50mm
Camera Height: 1.7m (AGL)

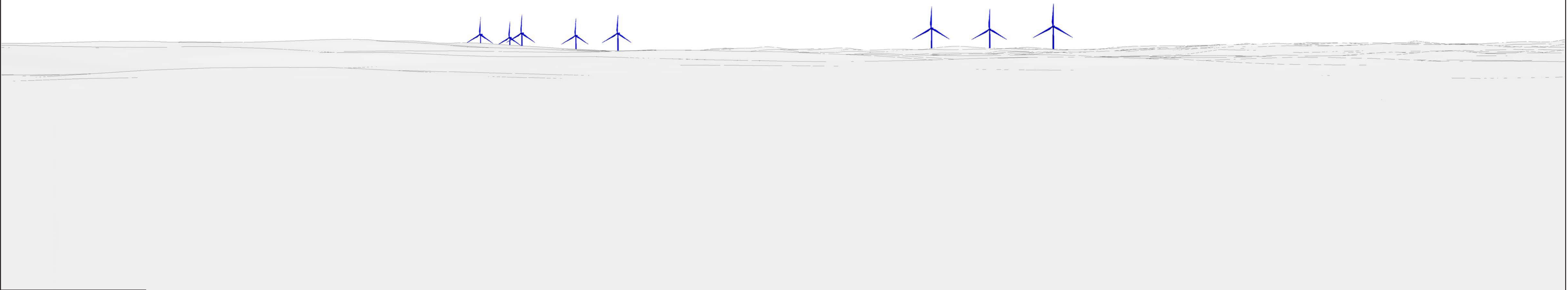
Direction (clockwise from Grid N):
Distance to Nearest Visible Turbine:
Nearest Turbine:

235 °
5.5 km
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 Cordinate (ITM)
Easting: 668621
Northing: 769063
Elevation: 78.1 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: 04/07/2023 16:27
Camera: Canon 5D Mark II
Lens: Fixed 50mm
Camera Height: 1.7m (AGL)

Direction (clockwise from Grid N): 250 °
Distance to Nearest Visible Turbine: 5.5 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: 668621
Northing: 769063
Elevation: 78.1 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: 04/07/2023 16:27
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:

250 °
5.5 km
T1



Baseline Photograph

This image provides landscape and visual context only



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: 661506
Northing: 767971
Elevation: 97.0 m

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

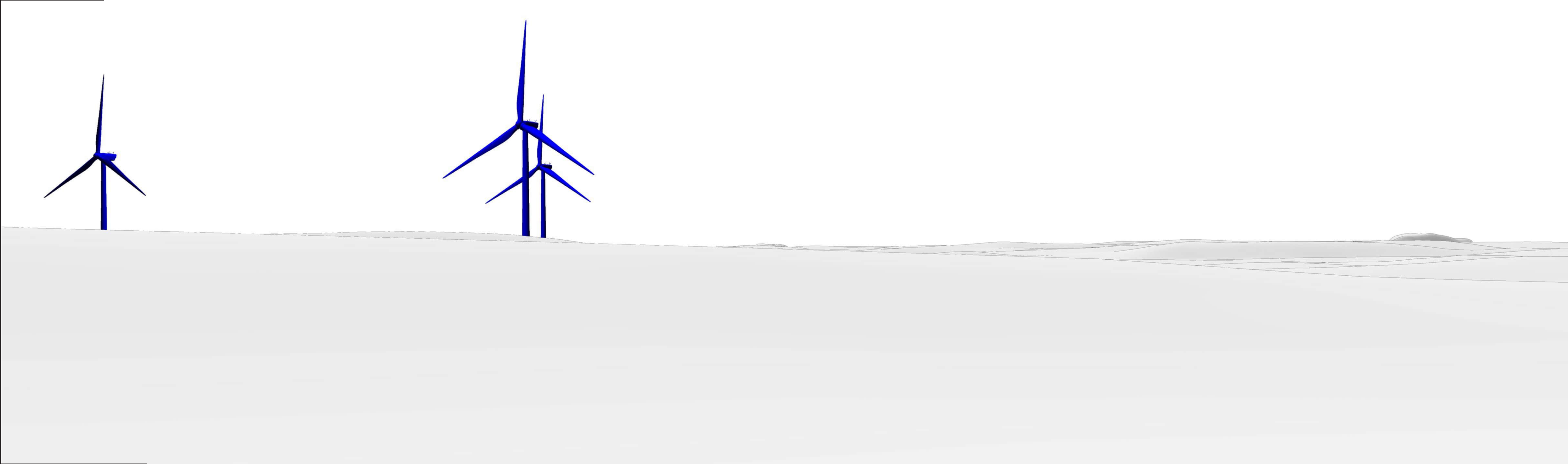
Date and Time: 29/09/2022 14:01
Camera: Canon 5D Mark II
Lens: Fixed 50mm
Camera Height: 1.7m (AGL)

Direction (clockwise from Grid N): 127 °
Distance to Nearest Visible Turbine: 1.2 km
Nearest Turbine: T2



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 Cordinate (ITM)
Easting: 661506
Northing: 767971
Elevation: 97.0 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 14:01
Camera: Canon 5D Mark II
Lens: Fixed 50mm
Camera Height: 1.7m (AGL)

Direction (clockwise from Grid N):
Distance to Nearest Visible Turbine: 1.2 km
Nearest Turbine: T2



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: 661506
Northing: 767971
Elevation: 97.0 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

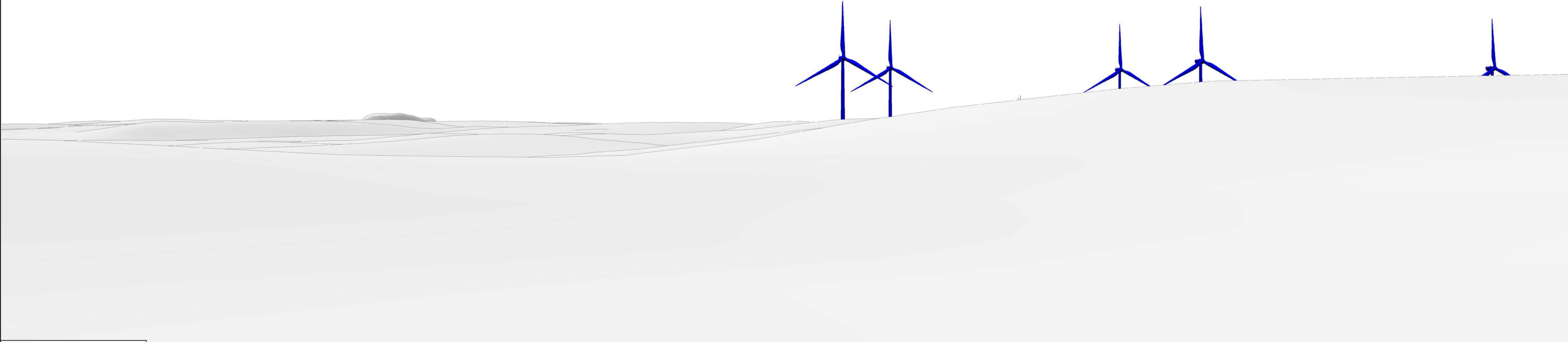
Date and Time: 29/09/2022 14:01
Camera: Canon 5D Mark II
Lens: Fixed 50mm
Camera Height: 1.7m (AGL)

Direction (clockwise from Grid N):
Distance to Nearest Visible Turbine: 1.2 km
Nearest Turbine: T2



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 Cordinate (ITM)
Easting: 661506
Northing: 767971
Elevation: 97.0 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 14:01
Camera: Canon 5D Mark II
Lens: Fixed 50mm
Camera Height: 1.7m (AGL)

Direction (clockwise from Grid N): 145 °
Distance to Nearest Visible Turbine: 1.2 km
Nearest Turbine: T2



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 Cordinate (ITM)
Easting: 661506
Northing: 767971
Elevation: 97.0 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 14:01
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:

145 °
1.2 km
T2

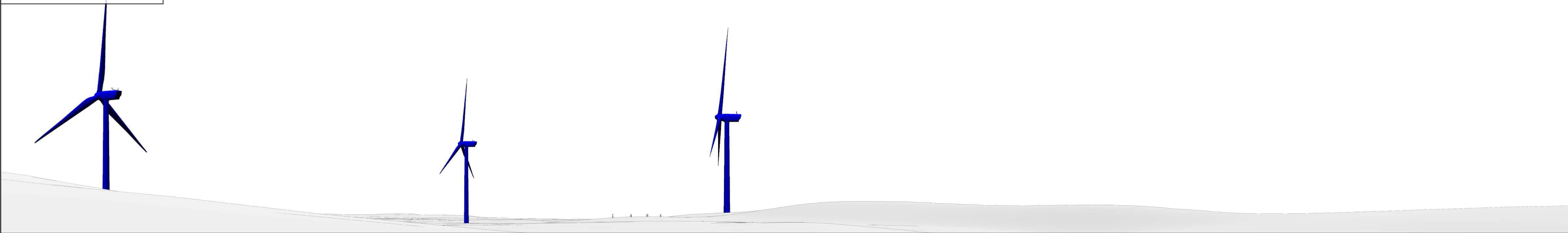


Baseline Photograph

This image provides landscape and visual context only



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'.



National Grid Cordinate (ITM)
Easting: 662585
Northing: 767012
Elevation: 96.5 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 15:59
Camera: Canon 5D Mark II
Lens: Fixed 50mm
Camera Height: 1.7m (AGL)

Direction (clockwise from Grid N): 41 °
Distance to Nearest Visible Turbine: 0.9 km
Nearest Turbine: T2



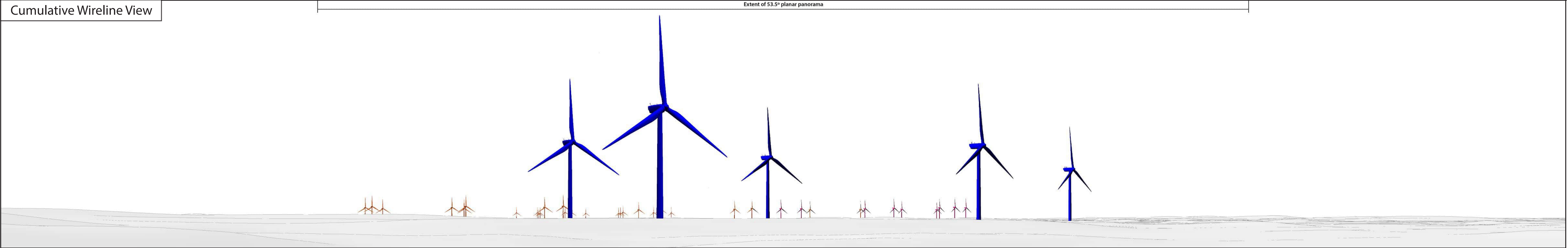
Baseline Photograph

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'.



National Grid Coordinate (ITM)
Easting: 662585
Northing: 767012
Elevation: 96.5 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 15:59
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:

182 °
0.9 km
T2



Contextual Photomontage



Extent of 90° cylindrical panorama (Part 1 of 2)

Extent of 53.5° planar panorama

Extent of 90° cylindrical panorama (Part 2 of 2)



National Grid Coordinate (ITM)
Easting: 662585
Northing: 767012
Elevation: 96.5m

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

Date and Time: 04/07/2023 15:59
Camera: Canon 5D Mark II
Lens: Fixed 50mm
Camera Height: 1.7m (AGL)

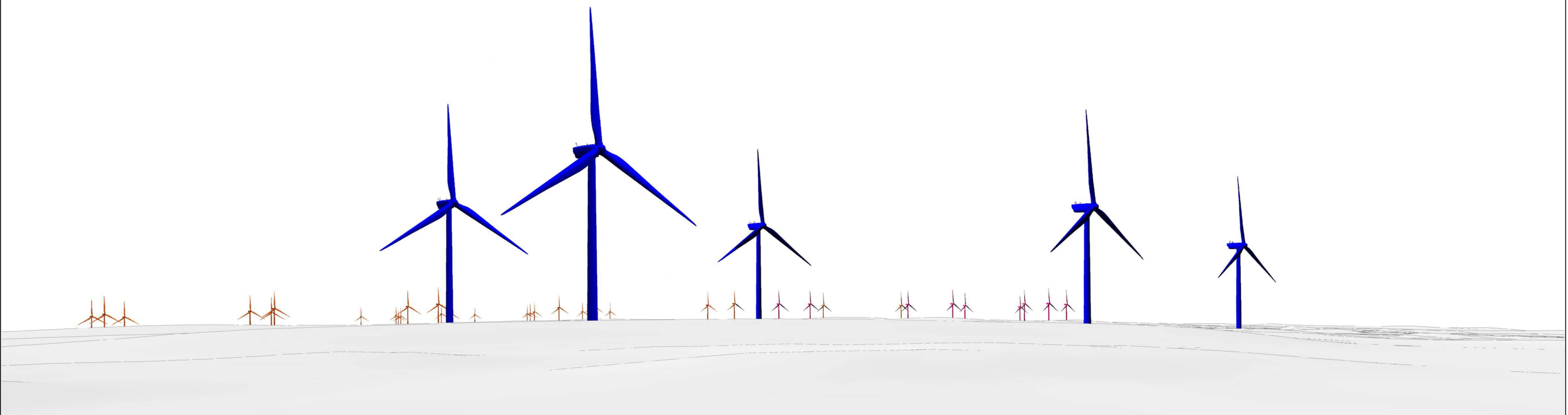
Direction (clockwise from Grid N):
Distance to Nearest Visible Turbine:
Nearest Turbine:

113 °
0.9 km
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: 662585
Northing: 767012
Elevation: 96.5 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 15:59
Camera: Canon 5D Mark II
Lens: Fixed 50mm
Camera Height: 1.7m (AGL)

Direction (clockwise from Grid N): 182 °
Distance to Nearest Visible Turbine: 0.9 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: 662585
Northing: 767012
Elevation: 96.5 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 15:59
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:

182 °
0.9 km
T2



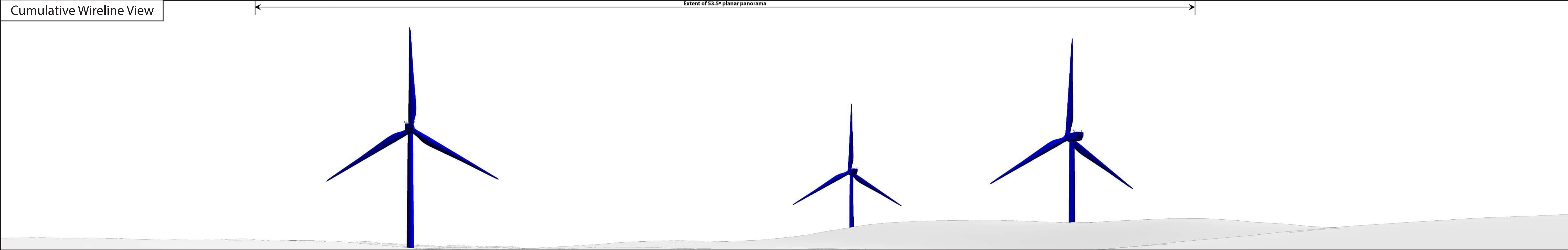
Baseline Photograph

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
-  In Planning Turbines



National Grid Coordinate (ITM)
Easting: 662755
Northing: 766982
Elevation: 97.8 m

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

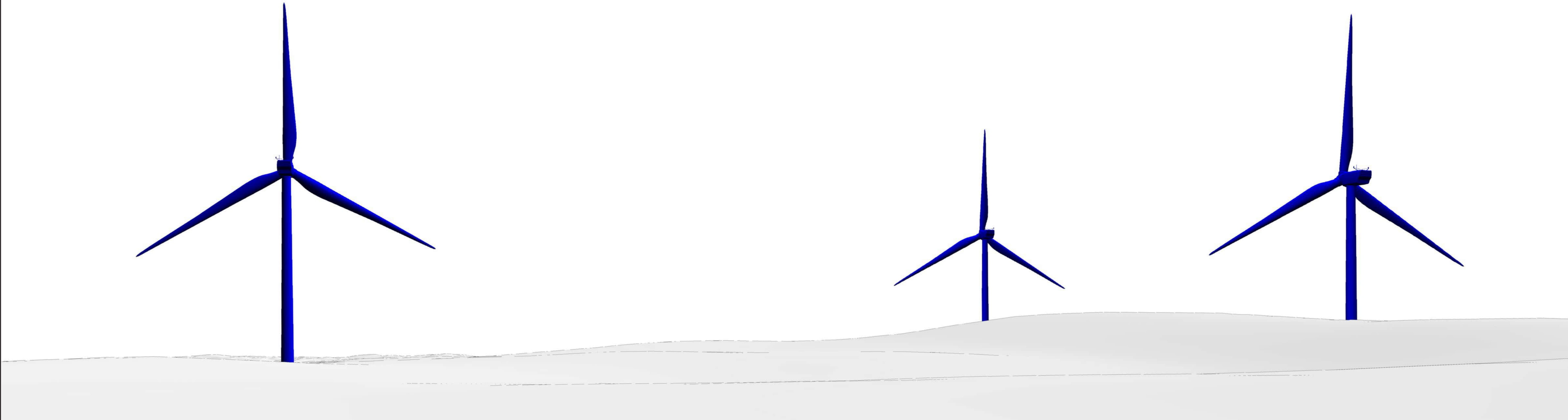
Date and Time: 04/07/2023 15:54
Camera: Canon 5D Mark II
Lens: Fixed 50mm
Camera Height: 1.7m (AGL)

Direction (clockwise from Grid N): 17 °
Distance to Nearest Visible Turbine: 0.8 km
Nearest Turbine: T2



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: 662755
Northing: 766982
Elevation: 97.8 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: 04/07/2023 15:54
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:

13 °
0.8 km
T2



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: 662755
Northing: 766982
Elevation: 97.8 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: 04/07/2023 15:54
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:

13 °
0.8 km
T2

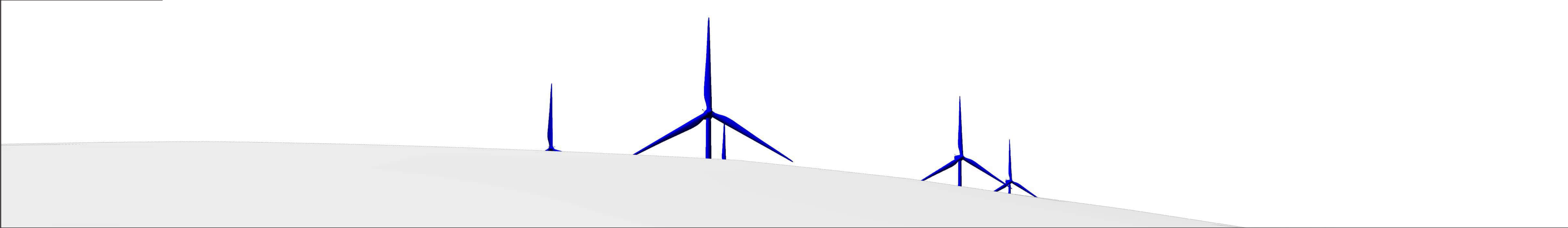


Baseline Photograph

This image provides landscape and visual context only



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:	662755
Northing:	766982
Elevation:	97.8 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:	04/07/2023 15:54
Camera:	Canon 5D Mark II
Lens:	Fixed 50mm
Camera Height:	1.7m (AGL)

Direction (clockwise from Grid N):	190 °
Distance to Nearest Visible Turbine:	0.8 km
Nearest Turbine:	T2



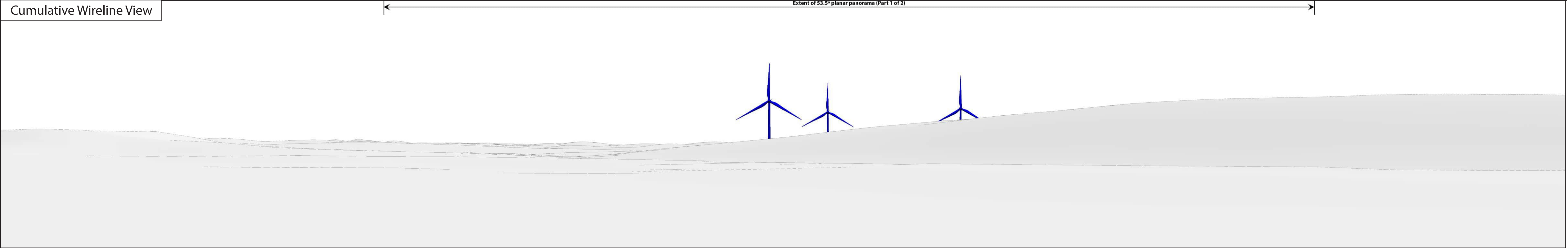
Baseline Photograph

This image provides landscape and visual context only



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: 661328
Northing: 766151
Elevation: 87.3 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 13:36
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:

40 °
1 km
T5



Baseline Photograph

This image provides landscape and visual context only

Part 2 of 2



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'.



National Grid Coordinate (ITM)
Easting: 661328
Northing: 766151
Elevation: 87.3 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 13:36
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:

130 °
1 km
T5



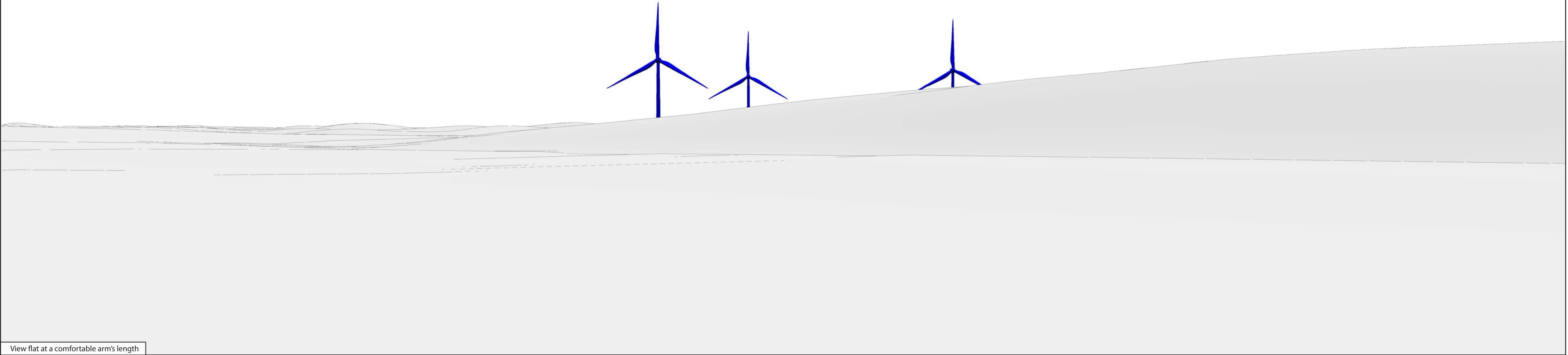


National Grid Cordinate (ITM)		Horizontal Field of View: 180 ° (cylindrical projection)		Date and Time: 29/09/2022 13:36		Direction (clockwise from Grid N):		85 °	
Easting:	661328	Turbine Tip Height:	180m	Camera:	Canon 5D Mark II	Distance to Nearest Visible Turbine:		1 km	
Northing:	766151	Turbine Hub Height:	99m	Lens:	Fixed 50mm	Nearest Turbine:		T5	
Elevation:	87.3m	Turbine Rotor Diameter:	162m	Camera Height:	1.7m (AGL)				



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 Cordinate (ITM)
Easting: 661328
Northing: 766151
Elevation: 87.3 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 13:36
Camera: Canon 5D Mark II
Lens: Fixed 50mm
Camera Height: 1.7m (AGL)

Direction (clockwise from Grid N): 44 °
Distance to Nearest Visible Turbine: 1 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 Cordinate (ITM)
Easting: 661328
Northing: 766151
Elevation: 87.3 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 13:36
Camera: Canon 5D Mark II
Lens: Fixed 50mm
Camera Height: 1.7m (AGL)

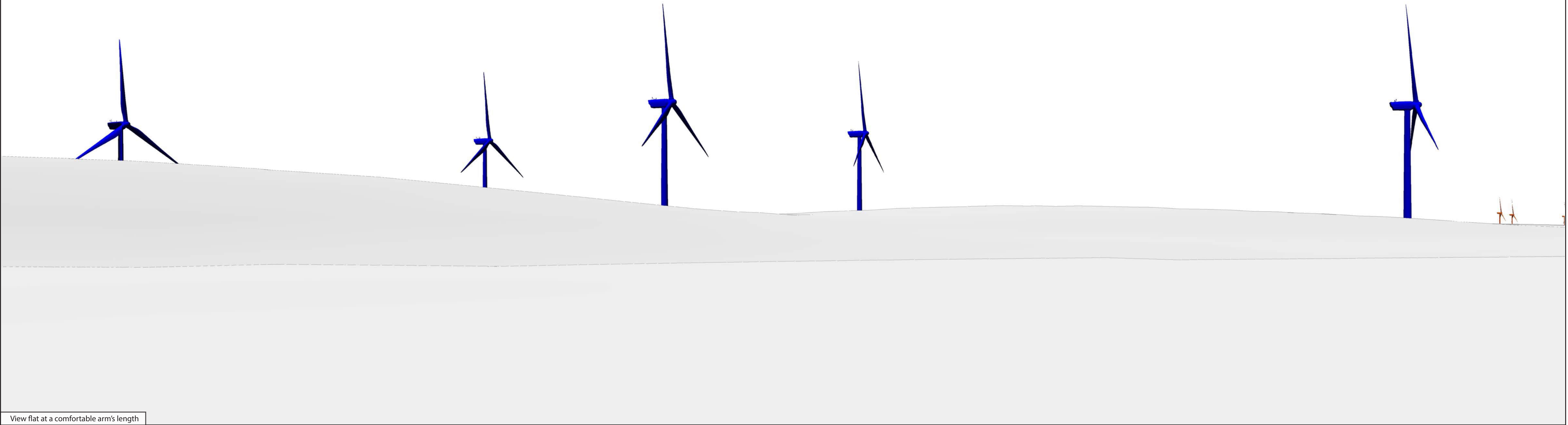
Direction (clockwise from Grid N):
Distance to Nearest Visible Turbine:
Nearest Turbine:

44 °
1 km
T5



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

 In Planning Turbines



National Grid Cordinate (ITM)
Easting: 661328
Northing: 766151
Elevation: 87.3 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: 29/09/2022 13:36
Camera: Canon 5D Mark II
Lens: Fixed 50mm
Camera Height: 1.7m (AGL)

Direction (clockwise from Grid N): 117 °
Distance to Nearest Visible Turbine: 1 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'. 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 Cordinate (ITM)
Easting: 661328
Northing: 766151
Elevation: 87.3 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: 29/09/2022 13:36
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:

117 °
1 km
T5



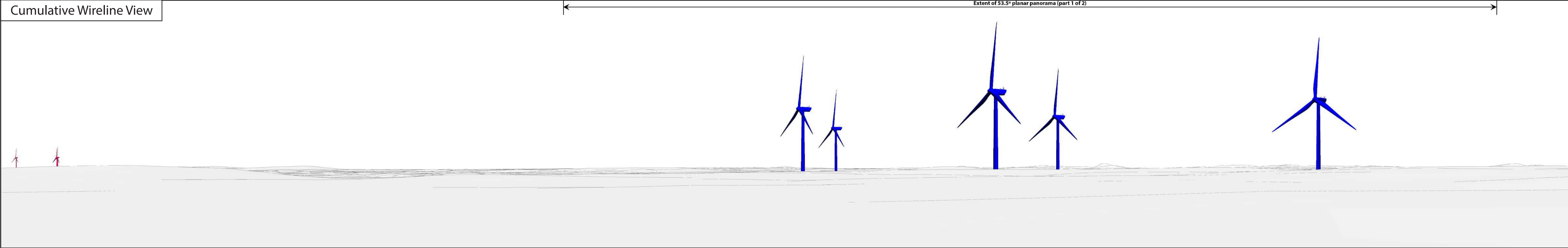
Baseline Photograph

This image provides landscape and visual context only



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: 663939
Northing: 766028
Elevation: 103.6 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: 07/04/2022 08:21
Camera: Canon 5D Mark II
Lens: Fixed 50mm
Camera Height: 1.7m (AGL)

Direction (clockwise from Grid N): 245 °
Distance to Nearest Visible Turbine: 1.2 km
Nearest Turbine: T6





National Grid Coordinate (ITM)
Easting: 663939
Northing: 766028
Elevation: 103.6m

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

Date and Time: 07/04/2022 08:21
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:

290 °
1.2 km
T6



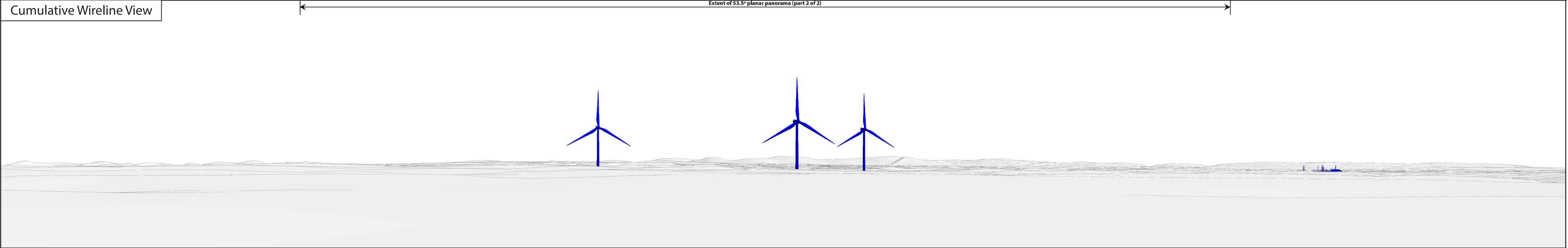
Baseline Photograph

This image provides landscape and visual context only



Cumulative Wireline View

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'.



National Grid Cordinate (ITM)
Easting: 663939
Northing: 766028
Elevation: 103.6 m

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

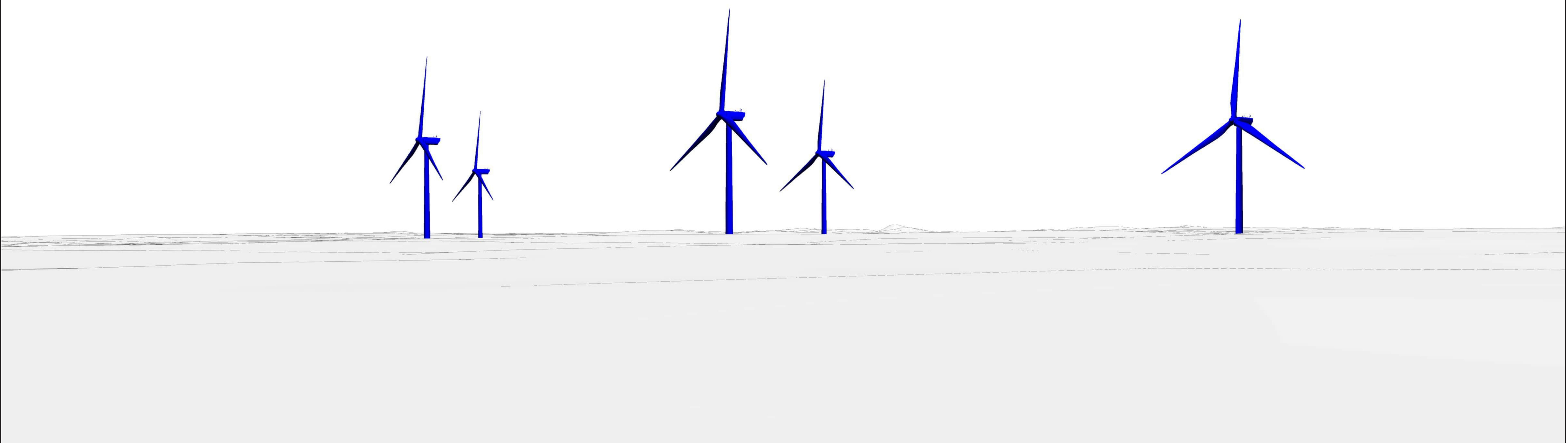
Date and Time: 07/04/2022 08:21
Camera: Canon 5D Mark II
Lens: Fixed 50mm
Camera Height: 1.7m (AGL)

Direction (clockwise from Grid N): 335 °
Distance to Nearest Visible Turbine: 1.2 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'.



National Grid Cordinate (ITM)
Easting: 663939
Northing: 766028
Elevation: 103.6 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: 07/04/2022 08:21
Camera: Canon 5D Mark II
Lens: Fixed 50mm
Camera Height: 1.7m (AGL)

Direction (clockwise from Grid N): 259 °
Distance to Nearest Visible Turbine: 1.2 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: 663939
Northing: 766028
Elevation: 103.6 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: 07/04/2022 08:21
Camera: Canon 5D Mark II
Lens: Fixed 50mm
Camera Height: 1.7m (AGL)

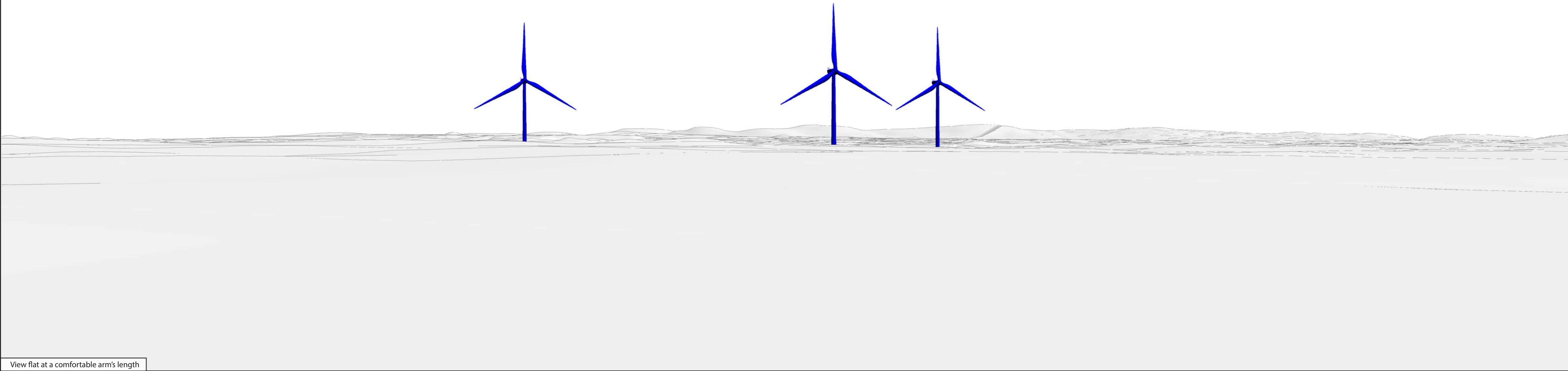
Direction (clockwise from Grid N):
Distance to Nearest Visible Turbine:
Nearest Turbine:

259 °
1.2 km
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'.



National Grid Cordinate (ITM)
Easting: 663939
Northing: 766028
Elevation: 103.6 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: 07/04/2022 08:21
Camera: Canon 5D Mark II
Lens: Fixed 50mm
Camera Height: 1.7m (AGL)

Direction (clockwise from Grid N): 334 °
Distance to Nearest Visible Turbine: 1.2 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 Cordinate (ITM)
Easting: 663939
Northing: 766028
Elevation: 103.6 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: 07/04/2022 08:21
Camera: Canon 5D Mark II
Lens: Fixed 50mm
Camera Height: 1.7m (AGL)

Direction (clockwise from Grid N): 334 °
Distance to Nearest Visible Turbine: 1.2 km
Nearest Turbine: T6

