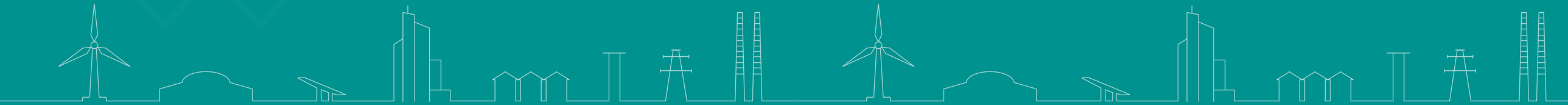
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LVIA PHOTOMONTAGES

Drehid Wind Farm

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

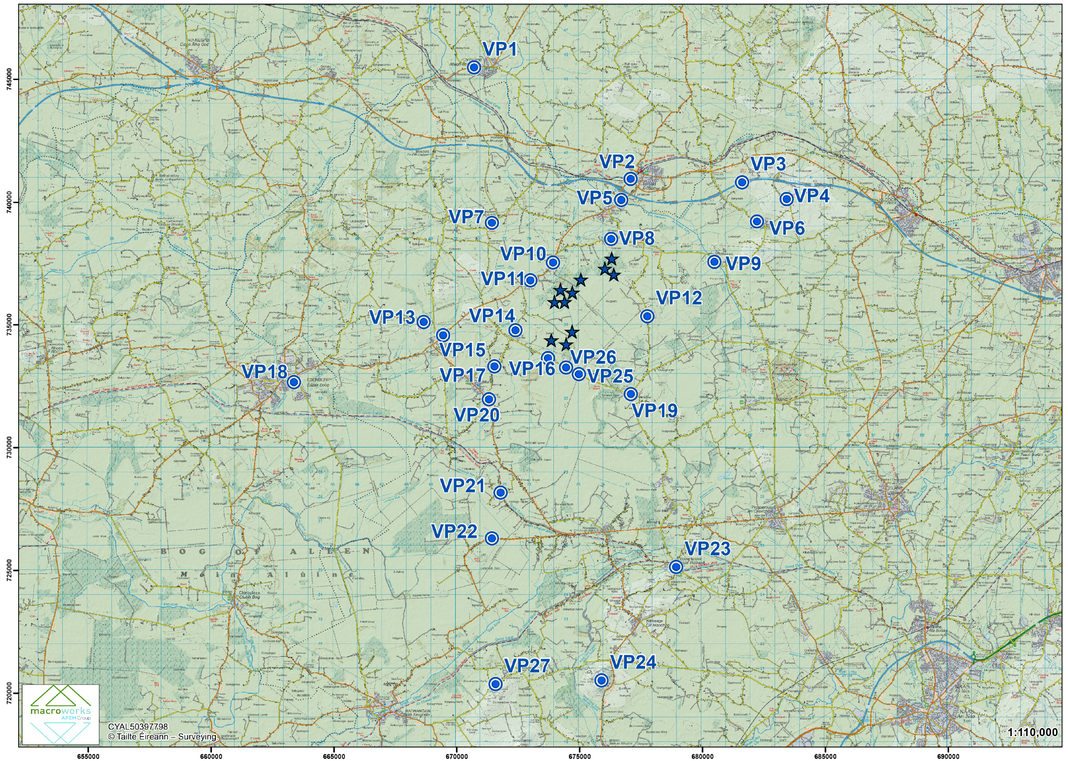
April 2025



LVIA I TVIA I Landscape Design I Visibility Analysis I Glint and Glare I Verified Photomontages I CGI I Shadow Flicker Analysis

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Page 3: Photomontage

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Page 3: Photomontage

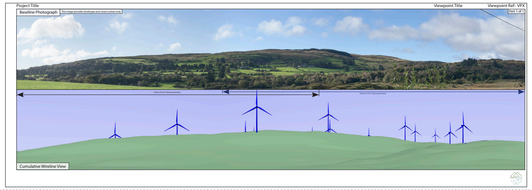
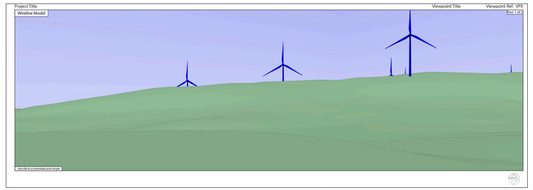
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How photomontages are presented for each viewpoint

	What is Displayed	Rationale
Sheet 1: 90º Baseline panorama and matching wireline 	90º Baseline Panorama Photograph and matching Cumulative Wireline (Cylindrical Projection - to be viewed curved): The top image depicts a 90º (included angle) Baseline panorama generated from captured photography. The bottom image depicts a 90º (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 wind farm developments in the public domain and projects in the planning system pending a decision from a planning authority). Extent bars indicate the extent of the 53.5º Panoramic Photomontage/Wireline Views within the depicted 90º 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.	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 (120º - 180º) 	Contextual Panoramic Photomontage View (ranging from 120º to 180º) (Cylindrical Projection - to be viewed curved): The image demonstrates a contextual panoramic photomontage view (ranging from 120º to 180º 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 53.5º Panoramic Photomontage/Wireline Views and the 90º 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 90º and 53.5º views, which are required by the guidelines, for a particular viewpoint.
Sheet 3: 53.5º Wireline View 	53.5º Wireline View (Planar Projection - to be viewed flat) This image shows a 53.5º (included angle) Wireline View which matches the 53.5º Panoramic Photomontage View. It includes the proposed wind farm development and includes other cumulative wind farm developments (existing and/or permitted wind farm developments in the public domain and projects in the planning system pending a decision from a planning authority). 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: 53.5º Panoramic Photomontage View 	53.5º Panoramic Photomontage View (Planar Projection - to be viewed flat): This image demonstrates a 53.5º (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.**

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Drehid Wind Farm - Landscape and Visual Impact Assessment

Longwood

Viewpoint Ref: VP1

Baseline Photograph

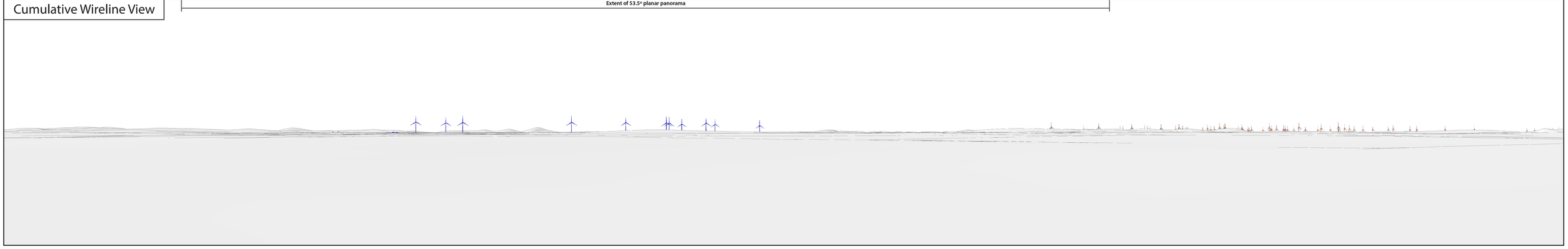
This image provides landscape and visual context only

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 Cordinate (ITM)	
Easting:	670698
Northing:	745492
Elevation:	77.4 m

Turbine Tip Height 1:	147.9m
Turbine Hub Height 1:	81.4m
Turbine Rotor Diameter 1:	133m

Turbine Tip Height 2:	100.5m
Turbine Hub Height 2:	133m
Turbine Rotor Diameter 2:	167m

Date and Time:	24/04/2024 12:56
Camera:	Canon 5D Mark II
Lens:	Fixed 50mm
Camera Height:	1.7m (AGL)

Direction (clockwise from Grid N):	166 °
Distance to Nearest Visible Turbine:	9.7 km
Nearest Turbine:	T11
Horizontal Field of View: 90 ° (cylindrical projection)	
Principal Distance:	522 mm

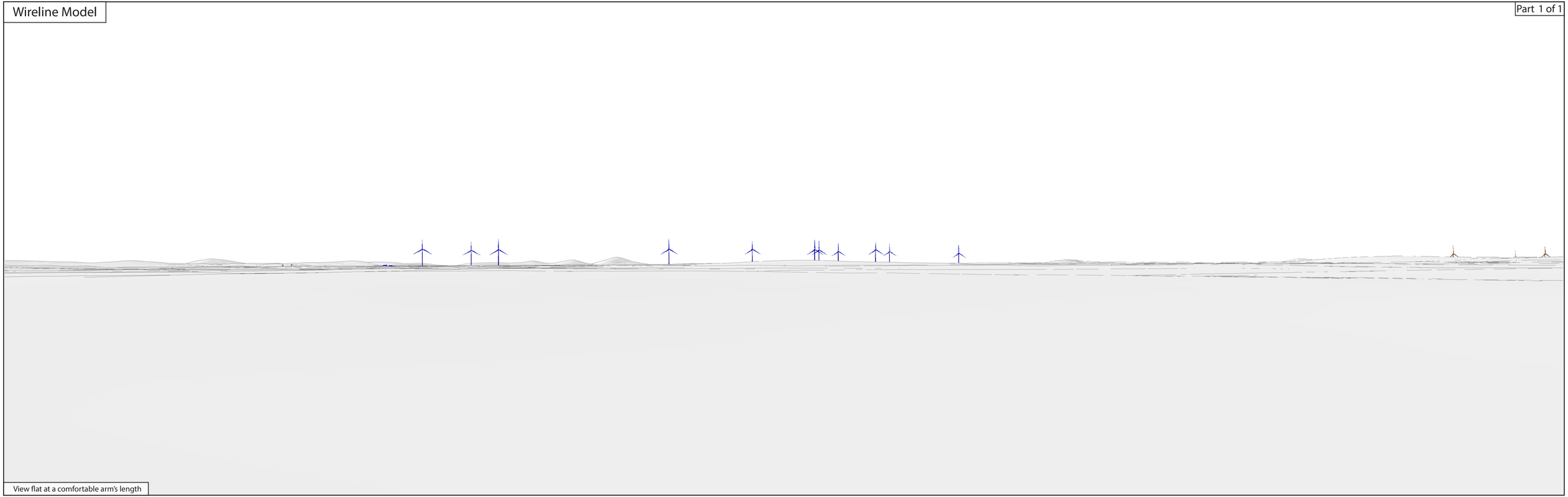
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Longwood

Viewpoint Ref: VP1

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:	670698
Northing:	745492
Elevation:	77.4 m

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

Date and Time:	24/04/2024 12:56
Camera:	Canon 5D Mark II
Lens:	Fixed 50mm
Camera Height:	1.7m (AGL)

Direction (clockwise from Grid N):	158 °
Distance to Nearest Visible Turbine:	9.7 km
Nearest Turbine:	T11

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Longwood

Viewpoint Ref: VP1

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:	670698
Northing:	745492
Elevation:	77.4 m

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

Date and Time:	24/04/2024 12:56
Camera:	Canon 5D Mark II
Lens:	Fixed 50mm
Camera Height:	1.7m (AGL)

Direction (clockwise from Grid N):	158 °
Distance to Nearest Visible Turbine:	9.7 km
Nearest Turbine:	T11

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Drehid Wind Farm - Landscape and Visual Impact Assessment

Enfield Viewpoint Ref: VP2

Baseline Photograph

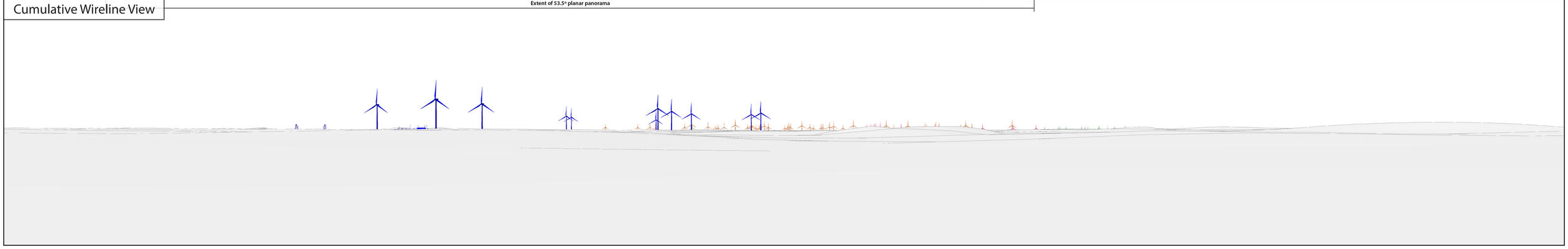
This image provides landscape and visual context only

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 Cordinate (ITM)	
Easting:	677075
Northing:	740956
Elevation:	81.1 m

Turbine Tip Height 1:	147.9m
Turbine Hub Height 1:	81.4m
Turbine Rotor Diameter 1:	133m

Turbine Tip Height 2:	100.5m
Turbine Hub Height 2:	133m
Turbine Rotor Diameter 2:	167m

Date and Time:	24/04/2024 12:29
Camera:	Canon 5D Mark II
Lens:	Fixed 50mm
Camera Height:	1.7m (AGL)

Direction (clockwise from Grid N):	119 °
Distance to Nearest Visible Turbine:	3.4 km
Nearest Turbine:	T11
Horizontal Field of View: 90 ° (cylindrical projection)	
Principal Distance:	522 mm

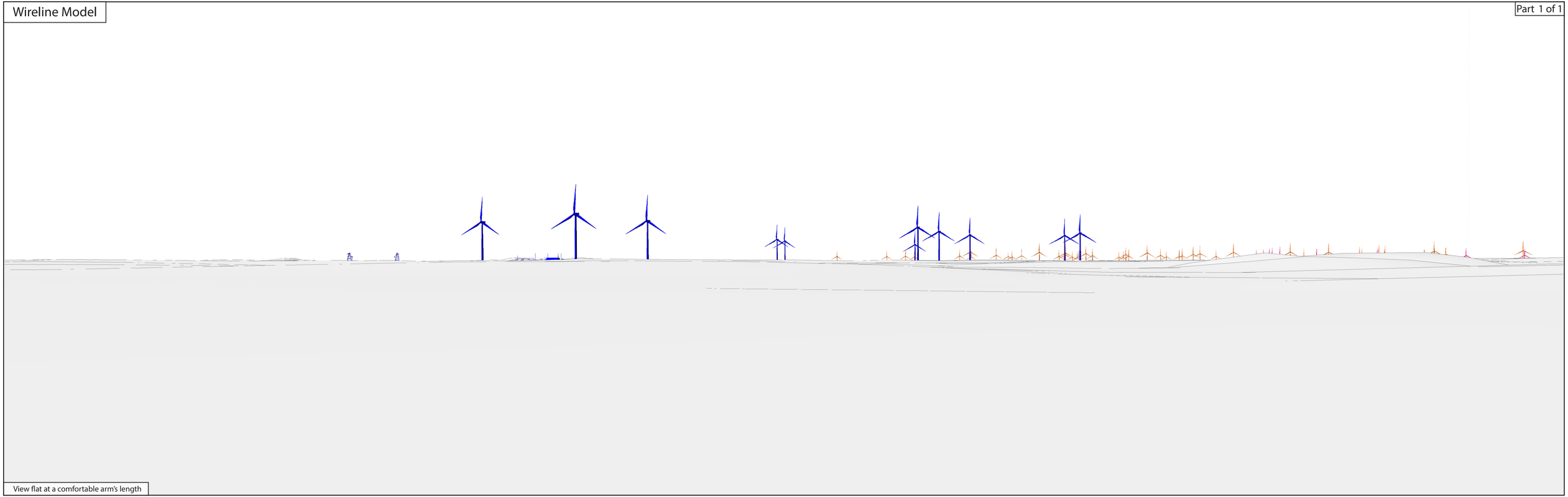
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Enfield

Viewpoint Ref: VP2

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:	677075
Northing:	740956
Elevation:	81.1 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:	24/04/2024 12:29
Camera:	Canon 5D Mark II
Lens:	Fixed 50mm
Camera Height:	1.7m (AGL)

Direction (clockwise from Grid N):	107 °
Distance to Nearest Visible Turbine:	3.4 km
Nearest Turbine:	T11

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Enfield

Viewpoint Ref: VP2

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:	677075
Northing:	740956
Elevation:	81.1 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:	24/04/2024 12:29
Camera:	Canon 5D Mark II
Lens:	Fixed 50mm
Camera Height:	1.7m (AGL)

Direction (clockwise from Grid N):	107 °
Distance to Nearest Visible Turbine:	3.4 km
Nearest Turbine:	T11

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Drehid Wind Farm - Landscape and Visual Impact Assessment

M4 at Ballyvoneen

Viewpoint Ref: VP3

Baseline Photograph

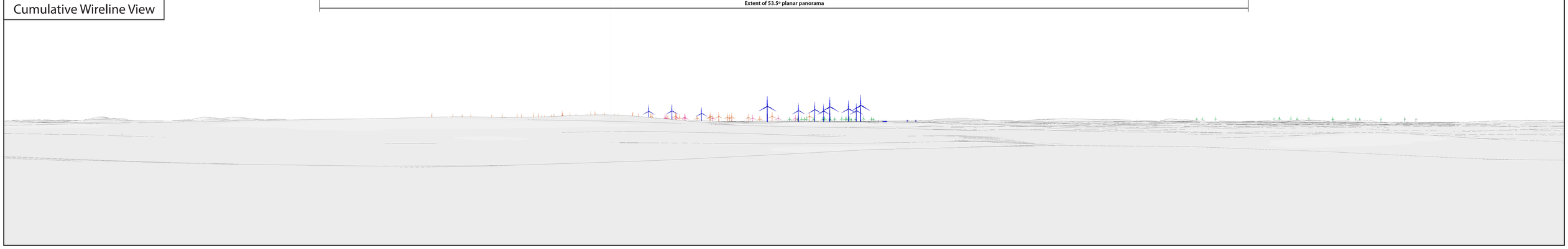
This image provides landscape and visual context only

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 Cordinate (ITM)
Easting: 681604
Northing: 740817
Elevation: 95.1 m

Turbine Tip Height 1: 147.9m
Turbine Hub Height 1: 81.4m
Turbine Rotor Diameter 1: 133m

Turbine Tip Height 2: 100.5m
Turbine Hub Height 2: 133m
Turbine Rotor Diameter 2: 167m

Date and Time: 04/02/2015 10:41
Camera: Canon 5D Mark II
Lens: Fixed 50mm
Camera Height: 1.7m (AGL)

Direction (clockwise from Grid N): 235 °
Distance to Nearest Visible Turbine: 6.2 km
Nearest Turbine: T11
Horizontal Field of View: 90 ° (cylindrical projection)
Principal Distance: 522 mm

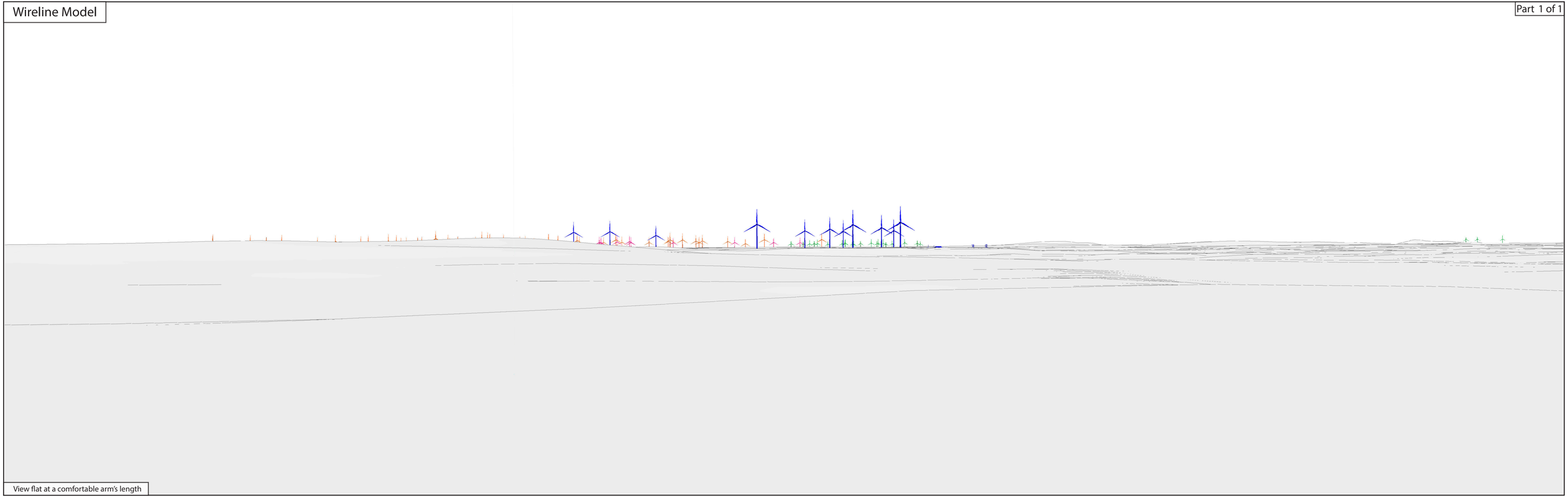
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M4 at Ballyvoneen

Viewpoint Ref: VP3

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:	681604
Northing:	740817
Elevation:	95.1 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:	04/02/2015 10:41
Camera:	Canon 5D Mark II
Lens:	Fixed 50mm
Camera Height:	1.7m (AGL)

Direction (clockwise from Grid N):	235 °
Distance to Nearest Visible Turbine:	6.2 km
Nearest Turbine:	T11

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M4 at Ballyvoneen

Viewpoint Ref: VP3

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:	681604
Northing:	740817
Elevation:	95.1 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:	04/02/2015 10:41
Camera:	Canon 5D Mark II
Lens:	Fixed 50mm
Camera Height:	1.7m (AGL)

Direction (clockwise from Grid N):	235 °
Distance to Nearest Visible Turbine:	6.2 km
Nearest Turbine:	T11

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Drehid Wind Farm - Landscape and Visual Impact Assessment

Grange Viewpoint Ref: VP4

Baseline Photograph

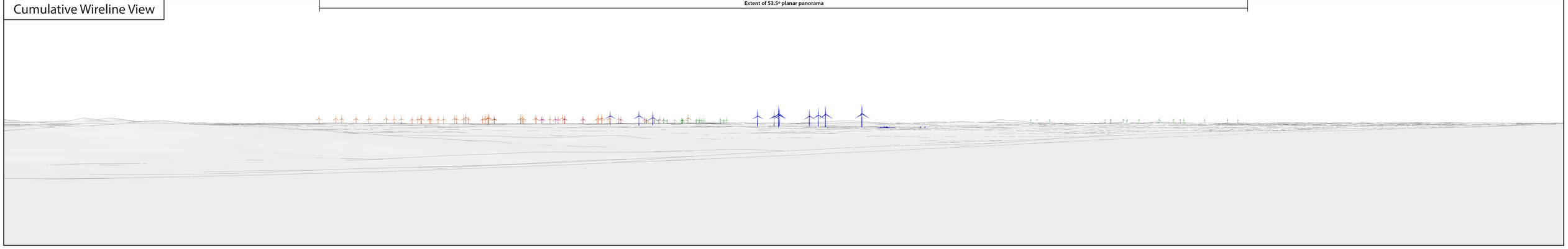
This image provides landscape and visual context only

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 Cordinate (ITM)	
Easting:	683425
Northing:	740138
Elevation:	144.3 m

Turbine Tip Height 1:	147.9m
Turbine Hub Height 1:	81.4m
Turbine Rotor Diameter 1:	133m

Turbine Tip Height 2:	100.5m
Turbine Hub Height 2:	133m
Turbine Rotor Diameter 2:	167m

Date and Time:	26/04/2024 08:33
Camera:	Canon 5D Mark II
Lens:	Fixed 50mm
Camera Height:	1.7m (AGL)

Direction (clockwise from Grid N):	246 °
Distance to Nearest Visible Turbine:	7.5 km
Nearest Turbine:	T11
Horizontal Field of View: 90 ° (cylindrical projection)	
Principal Distance:	522 mm

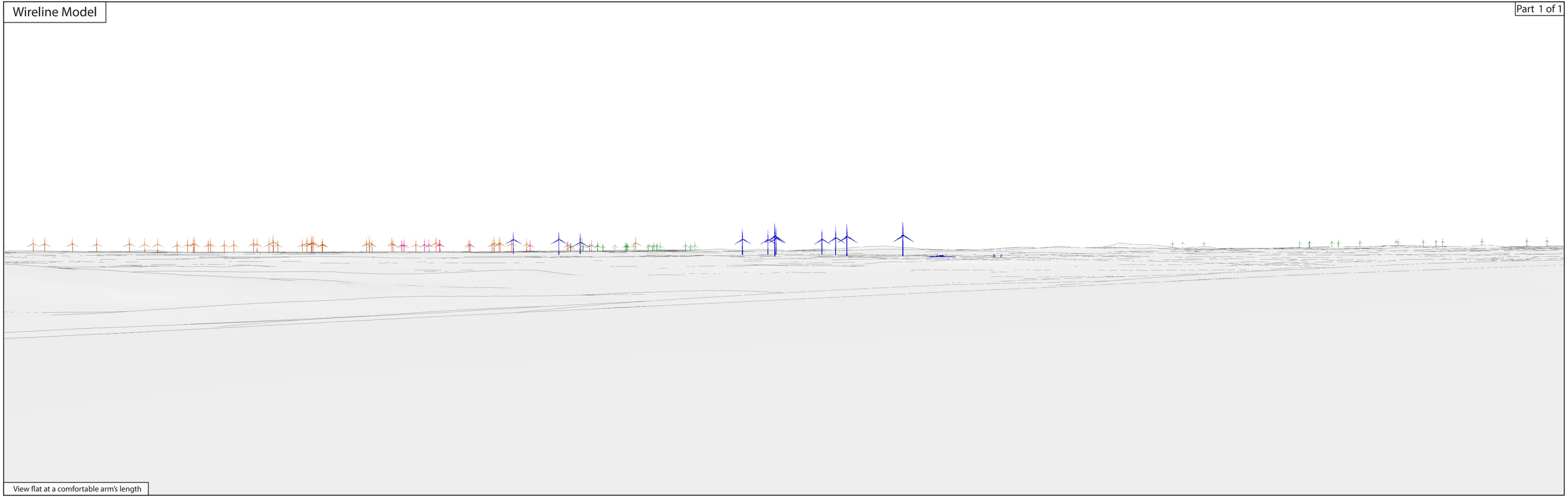
macroworks APEM Group

Grange

Viewpoint Ref: VP4

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:	683425
Northing:	740138
Elevation:	144.3 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:	26/04/2024 08:33
Camera:	Canon 5D Mark II
Lens:	Fixed 50mm
Camera Height:	1.7m (AGL)

Direction (clockwise from Grid N):	246 °
Distance to Nearest Visible Turbine:	7.5 km
Nearest Turbine:	T11

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Grange

Viewpoint Ref: VP4

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:	683425
Northing:	740138
Elevation:	144.3 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:	26/04/2024 08:33
Camera:	Canon 5D Mark II
Lens:	Fixed 50mm
Camera Height:	1.7m (AGL)

Direction (clockwise from Grid N):	246 °
Distance to Nearest Visible Turbine:	7.5 km
Nearest Turbine:	T11

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Drehid Wind Farm - Landscape and Visual Impact Assessment

Johnstown Bridge — Viewpoint Ref: VP5

Baseline Photograph

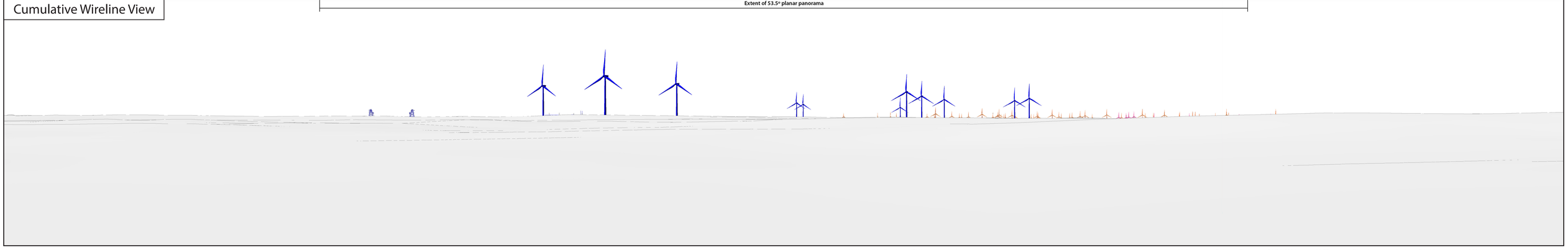
This image provides landscape and visual context only

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 Cordinate (ITM)	
Easting:	676694
Northing:	740099
Elevation:	76.2 m

Turbine Tip Height 1:	147.9m
Turbine Hub Height 1:	81.4m
Turbine Rotor Diameter 1:	133m

Turbine Tip Height 2:	100.5m
Turbine Hub Height 2:	133m
Turbine Rotor Diameter 2:	167m

Date and Time:	24/04/2024 11:59
Camera:	Canon 5D Mark II
Lens:	Fixed 50mm
Camera Height:	1.7m (AGL)

Direction (clockwise from Grid N):	200 °
Distance to Nearest Visible Turbine:	2.5 km
Nearest Turbine:	T11
Horizontal Field of View: 90 ° (cylindrical projection)	
Principal Distance:	522 mm

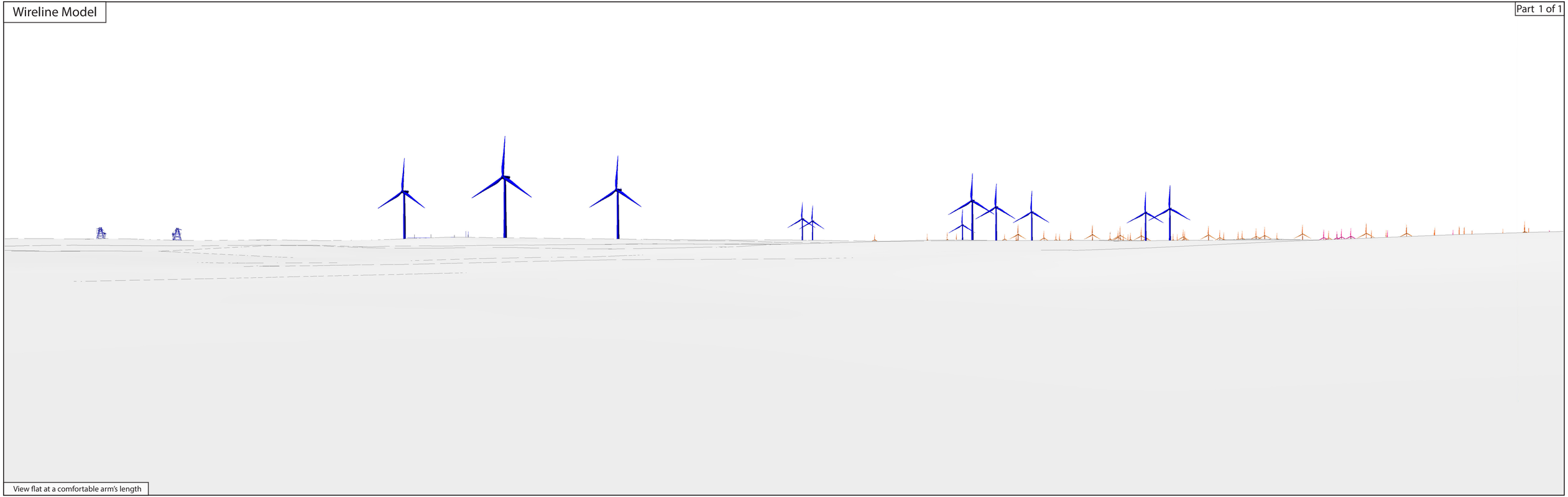
macroworks

Johnstown Bridge

Viewpoint Ref: VP5

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:	676694
Northing:	740099
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:	24/04/2024 11:59
Camera:	Canon 5D Mark II
Lens:	Fixed 50mm
Camera Height:	1.7m (AGL)

Direction (clockwise from Grid N):	200 °
Distance to Nearest Visible Turbine:	2.5 km
Nearest Turbine:	T11

macroworks APEM Group

Johnstown Bridge

Viewpoint Ref: VP5

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:	676694
Northing:	740099
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:	24/04/2024 11:59
Camera:	Canon 5D Mark II
Lens:	Fixed 50mm
Camera Height:	1.7m (AGL)

Direction (clockwise from Grid N):	200 °
Distance to Nearest Visible Turbine:	2.5 km
Nearest Turbine:	T11

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Drehid Wind Farm - Landscape and Visual Impact Assessment

Newtown

Viewpoint Ref: VP6

Baseline Photograph

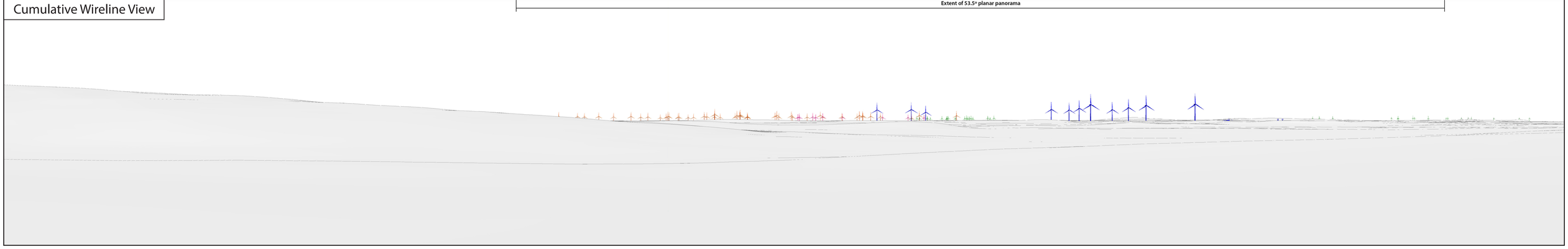
This image provides landscape and visual context only

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 Cordinate (ITM)	
Easting:	682210
Northing:	739224
Elevation:	91.7 m

Turbine Tip Height 1:	147.9m
Turbine Hub Height 1:	81.4m
Turbine Rotor Diameter 1:	133m

Turbine Tip Height 2:	100.5m
Turbine Hub Height 2:	133m
Turbine Rotor Diameter 2:	167m

Date and Time:	26/04/2024 08:47
Camera:	Canon 5D Mark II
Lens:	Fixed 50mm
Camera Height:	1.7m (AGL)

Direction (clockwise from Grid N):	231 °
Distance to Nearest Visible Turbine:	6.2 km
Nearest Turbine:	T11
Horizontal Field of View: 90 ° (cylindrical projection)	
Principal Distance:	522 mm

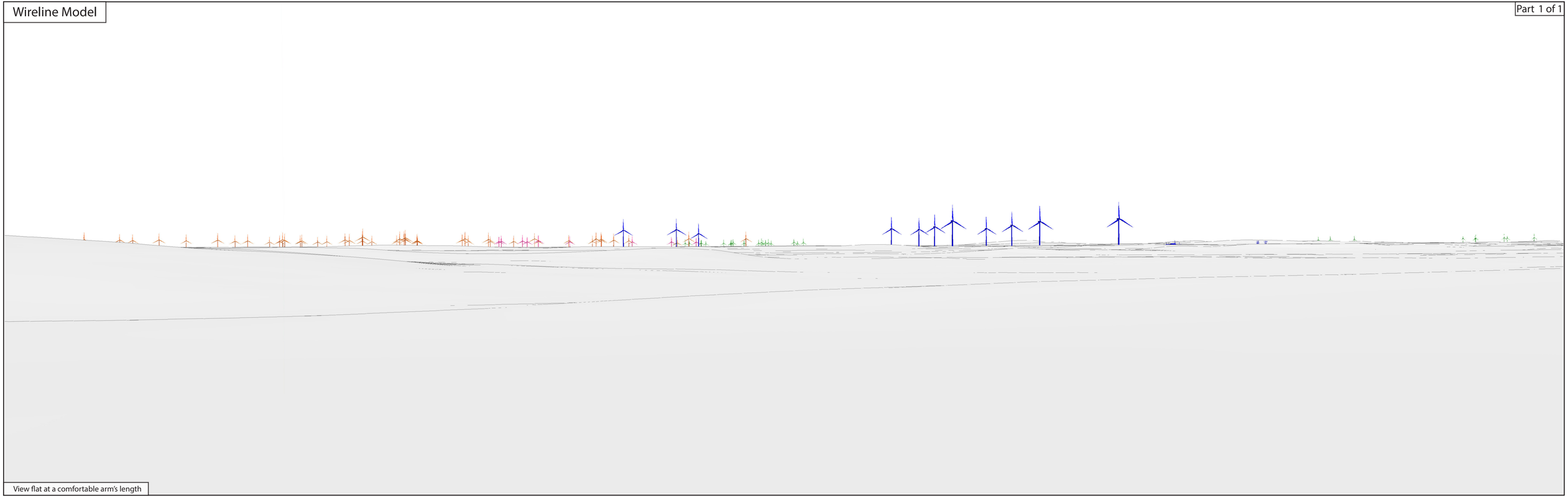
macroworks

Newtown

Viewpoint Ref: VP6

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:	682210
Northing:	739224
Elevation:	91.7 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:	26/04/2024 08:47
Camera:	Canon 5D Mark II
Lens:	Fixed 50mm
Camera Height:	1.7m (AGL)

Direction (clockwise from Grid N):	243 °
Distance to Nearest Visible Turbine:	6.2 km
Nearest Turbine:	T11

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Newtown

Viewpoint Ref: VP6

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:	682210
Northing:	739224
Elevation:	91.7 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:	26/04/2024 08:47
Camera:	Canon 5D Mark II
Lens:	Fixed 50mm
Camera Height:	1.7m (AGL)

Direction (clockwise from Grid N):	243 °
Distance to Nearest Visible Turbine:	6.2 km
Nearest Turbine:	T11

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Drehid Wind Farm - Landscape and Visual Impact Assessment

Cadamstown Viewpoint Ref: VP7

Baseline Photograph

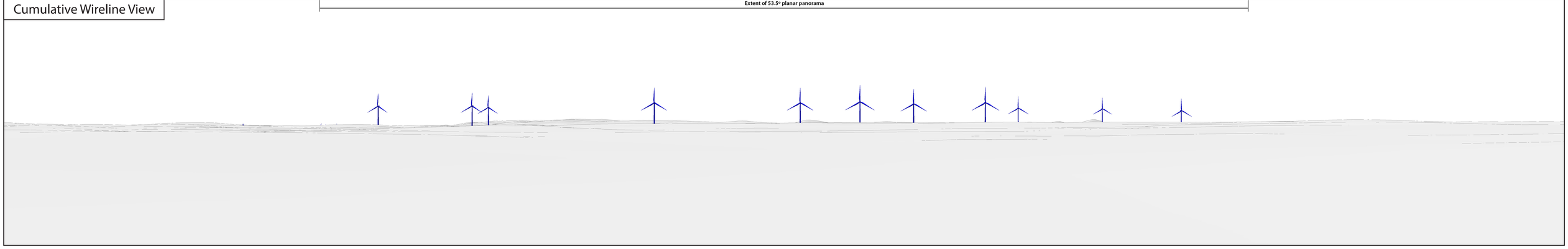
This image provides landscape and visual context only

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 Cordinate (ITM)	
Easting:	671431
Northing:	739170
Elevation:	85.4 m

Turbine Tip Height 1:	147.9m
Turbine Hub Height 1:	81.4m
Turbine Rotor Diameter 1:	133m

Turbine Tip Height 2:	100.5m
Turbine Hub Height 2:	133m
Turbine Rotor Diameter 2:	167m

Date and Time:	24/04/2024 13:25
Camera:	Canon 5D Mark II
Lens:	Fixed 50mm
Camera Height:	1.7m (AGL)

Direction (clockwise from Grid N):	130 °
Distance to Nearest Visible Turbine:	3.9 km
Nearest Turbine:	T6
Horizontal Field of View: 90 ° (cylindrical projection)	
Principal Distance:	522 mm

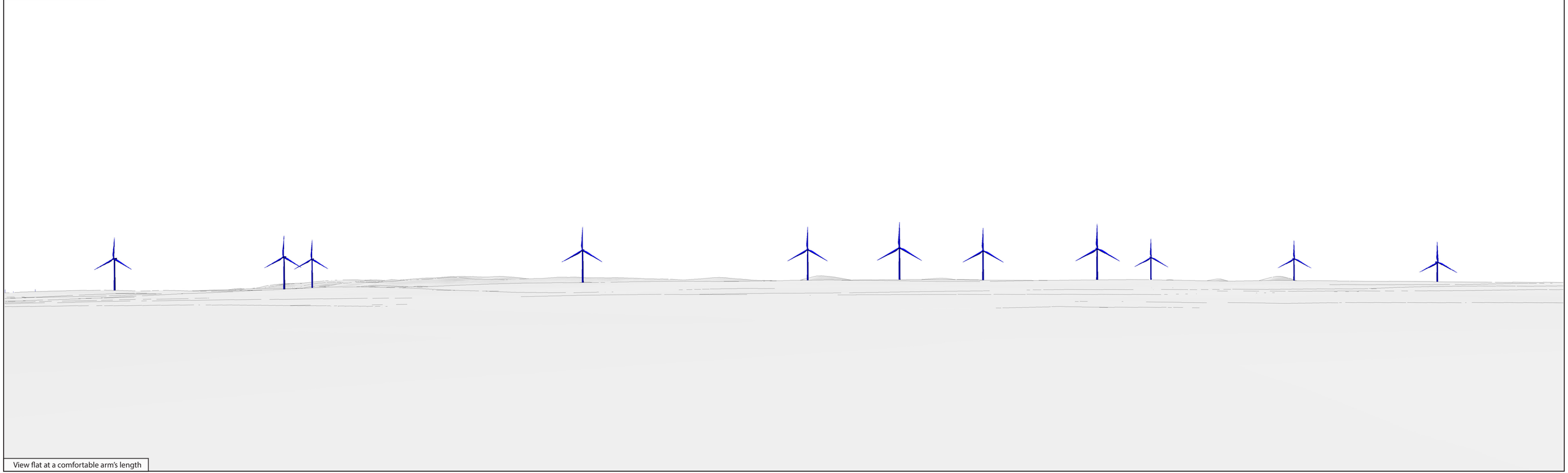
macroworks

Cadamstown

Viewpoint Ref: VP7

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:	671431
Northing:	739170
Elevation:	85.4 m

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

Date and Time:	24/04/2024 13:25
Camera:	Canon 5D Mark II
Lens:	Fixed 50mm
Camera Height:	1.7m (AGL)

Direction (clockwise from Grid N):	130 °
Distance to Nearest Visible Turbine:	3.9 km
Nearest Turbine:	T6

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Cadamstown

Viewpoint Ref: VP7

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:	671431
Northing:	739170
Elevation:	85.4 m

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

Date and Time:	24/04/2024 13:25
Camera:	Canon 5D Mark II
Lens:	Fixed 50mm
Camera Height:	1.7m (AGL)

Direction (clockwise from Grid N):	130 °
Distance to Nearest Visible Turbine:	3.9 km
Nearest Turbine:	T6

macroworks

Coolrea

Viewpoint Ref: VP8

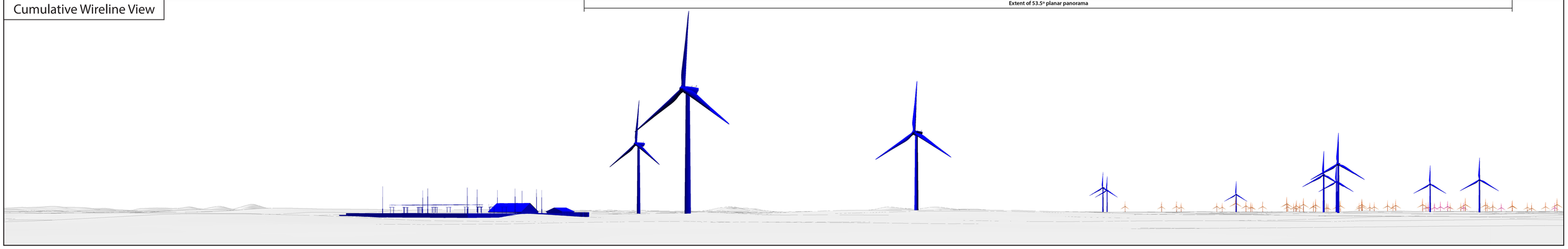
Baseline Photograph

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 Cordinate (ITM)	
Easting:	676276
Northing:	738503
Elevation:	87.3 m

Turbine Tip Height 1:	147.9m
Turbine Hub Height 1:	81.4m
Turbine Rotor Diameter 1:	133m

Turbine Tip Height 2:	100.5m
Turbine Hub Height 2:	133m
Turbine Rotor Diameter 2:	167m

Date and Time:	26/04/2024 09:24
Camera:	Canon 5D Mark II
Lens:	Fixed 50mm
Camera Height:	1.7m (AGL)

Direction (clockwise from Grid N):	184 ˚
Distance to Nearest Visible Turbine:	0.8 km
Nearest Turbine:	T11
Horizontal Field of View: 90 ˚ (cylindrical projection)	
Principal Distance:	522 mm

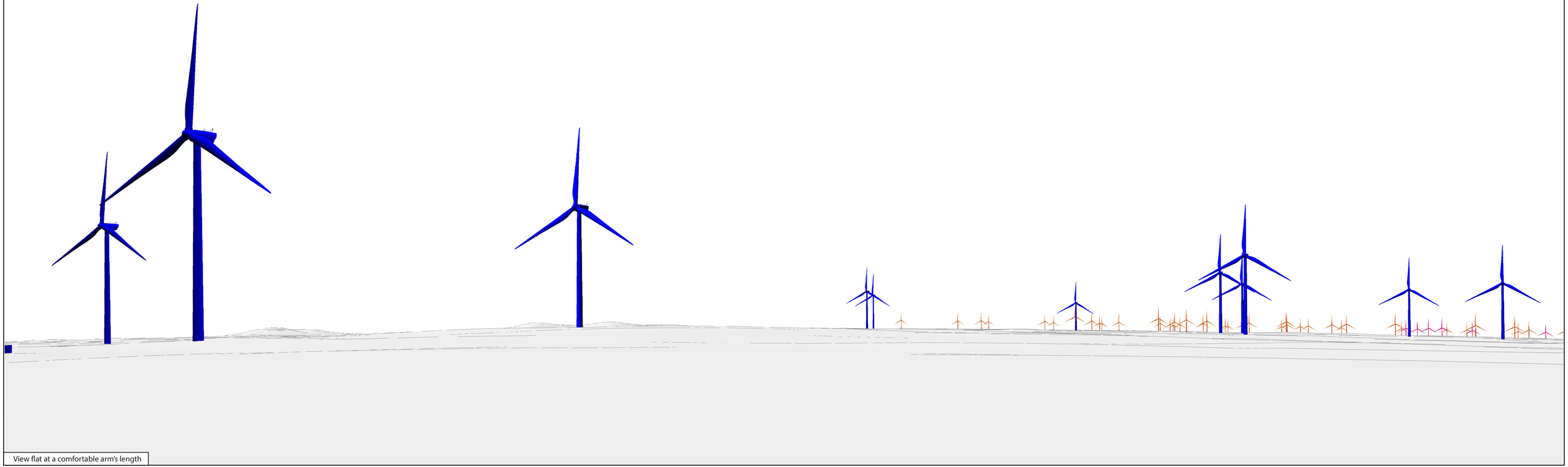
macroworks

Coolrea

Viewpoint Ref: VP8

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:	676276
Northing:	738503
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:	26/04/2024 09:24
Camera:	Canon 5D Mark II
Lens:	Fixed 50mm
Camera Height:	1.7m (AGL)

Direction (clockwise from Grid N):	199 °
Distance to Nearest Visible Turbine:	0.8 km
Nearest Turbine:	T11

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Coolrea

Viewpoint Ref: VP8

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:	676276
Northing:	738503
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:	26/04/2024 09:24
Camera:	Canon 5D Mark II
Lens:	Fixed 50mm
Camera Height:	1.7m (AGL)

Direction (clockwise from Grid N):	199 °
Distance to Nearest Visible Turbine:	0.8 km
Nearest Turbine:	T11

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Drehid Wind Farm - Landscape and Visual Impact Assessment

Knockanally

Viewpoint Ref: VP9

Baseline Photograph

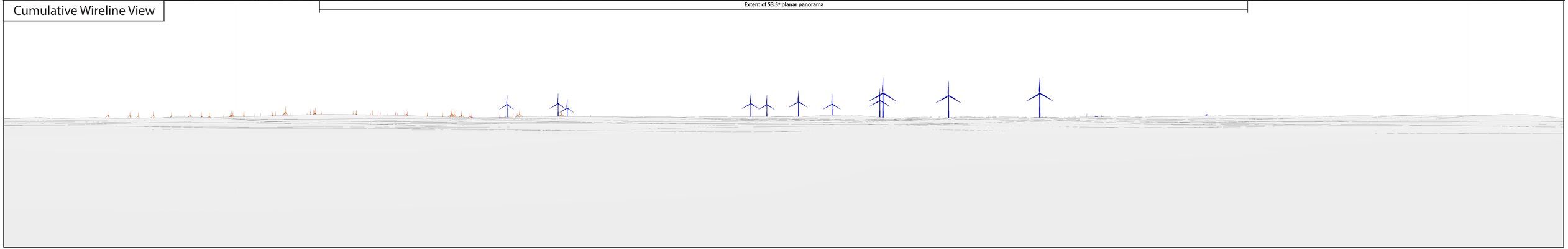
This image provides landscape and visual context only

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 Cordinate (ITM)	
Easting:	680480
Northing:	737576
Elevation:	73.7 m

Turbine Tip Height 1:	147.9m
Turbine Hub Height 1:	81.4m
Turbine Rotor Diameter 1:	133m

Turbine Tip Height 2:	100.5m
Turbine Hub Height 2:	133m
Turbine Rotor Diameter 2:	167m

Date and Time:	26/04/2024 09:07
Camera:	Canon 5D Mark II
Lens:	Fixed 50mm
Camera Height:	1.7m (AGL)

Direction (clockwise from Grid N):	256 °
Distance to Nearest Visible Turbine:	4.1 km
Nearest Turbine:	T10
Horizontal Field of View: 90 ° (cylindrical projection)	
Principal Distance:	522 mm

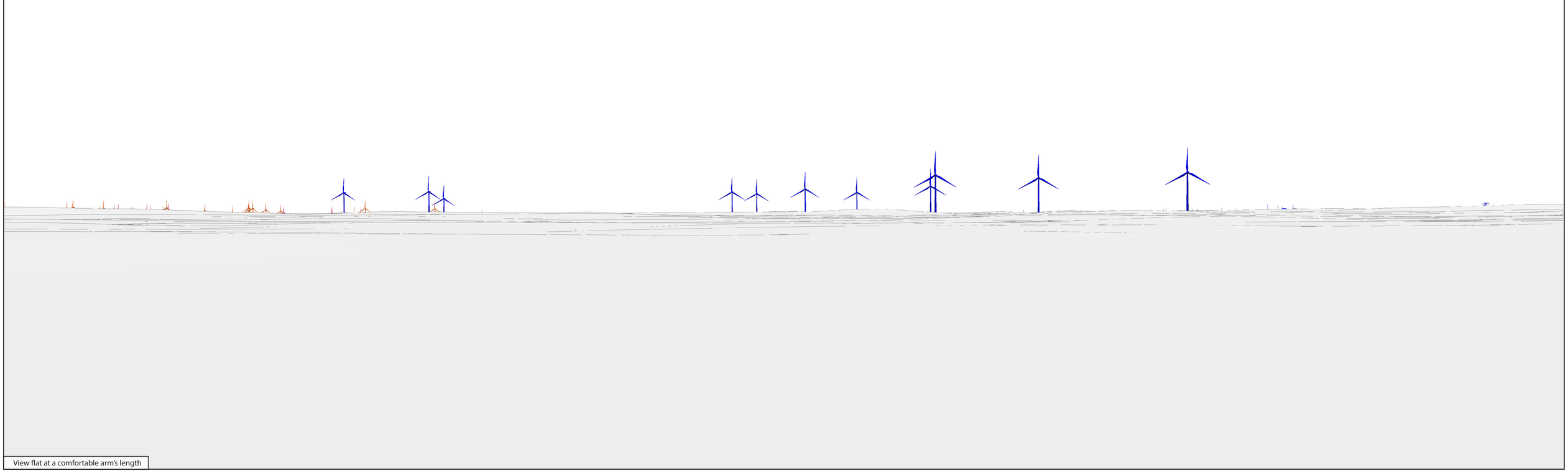
macroworks APEM Group

Knockanally

Viewpoint Ref: VP9

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:	680480
Northing:	737576
Elevation:	73.7 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:	26/04/2024 09:07
Camera:	Canon 5D Mark II
Lens:	Fixed 50mm
Camera Height:	1.7m (AGL)

Direction (clockwise from Grid N):	256 °
Distance to Nearest Visible Turbine:	4.1 km
Nearest Turbine:	T10

macroworks APEM Group

Knockanally

Viewpoint Ref: VP9

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:	680480
Northing:	737576
Elevation:	73.7 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:	26/04/2024 09:07
Camera:	Canon 5D Mark II
Lens:	Fixed 50mm
Camera Height:	1.7m (AGL)

Direction (clockwise from Grid N):	256 °
Distance to Nearest Visible Turbine:	4.1 km
Nearest Turbine:	T10

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Drehid Wind Farm - Landscape and Visual Impact Assessment

Kilshanroe Viewpoint Ref: VP10a

Baseline Photograph

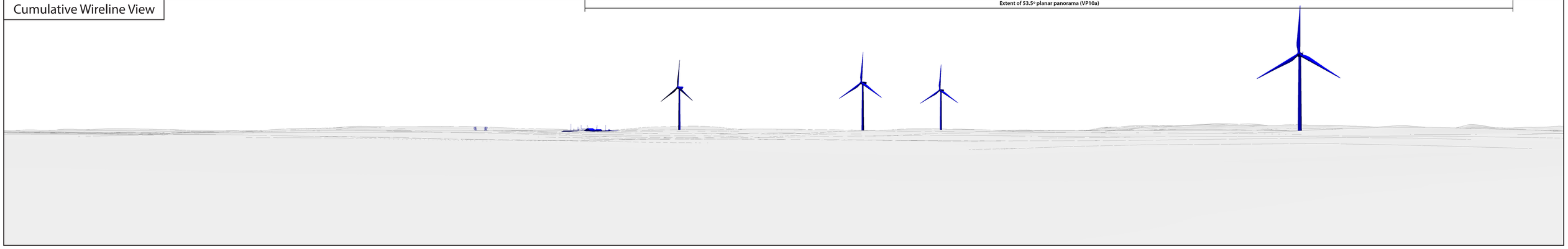
This image provides landscape and visual context only

Part 1 of 2



Cumulative Wireline View

Extent of 53.5° planar panorama (VP10a)



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 Cordinate (ITM)	
Easting:	673916
Northing:	737544
Elevation:	83.9 m

Turbine Tip Height 1:	147.9m
Turbine Hub Height 1:	81.4m
Turbine Rotor Diameter 1:	133m

Turbine Tip Height 2:	100.5m
Turbine Hub Height 2:	133m
Turbine Rotor Diameter 2:	167m

Date and Time:	24/04/2024 11:43
Camera:	Canon 5D Mark II
Lens:	Fixed 50mm
Camera Height:	1.7m (AGL)

Direction (clockwise from Grid N):	93 °
Distance to Nearest Visible Turbine:	1.2 km
Nearest Turbine:	T6
Horizontal Field of View: 90 ° (cylindrical projection)	
Principal Distance:	522 mm

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Drehid Wind Farm - Landscape and Visual Impact Assessment

Kilshanroe Viewpoint Ref: VP10b

Baseline Photograph

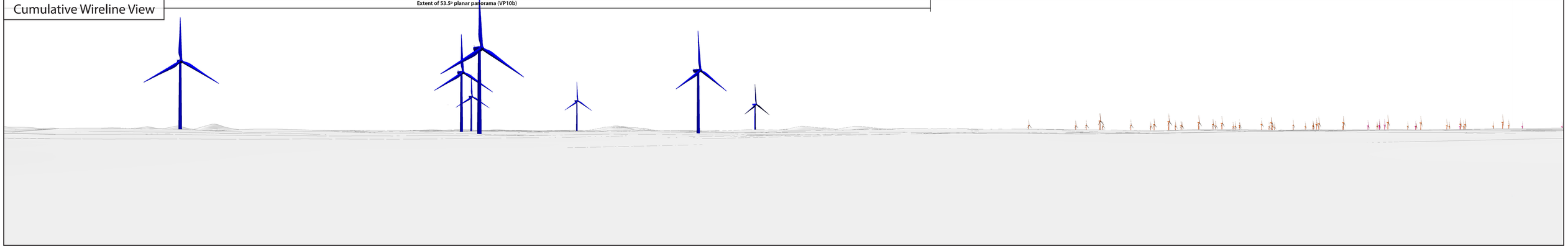
This image provides landscape and visual context only

Part 2 of 2



Cumulative Wireline View

Extent of 53.5° planar panorama (VP10b)



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 Cordinate (ITM)	
Easting:	673916
Northing:	737544
Elevation:	83.9 m

Turbine Tip Height 1:	147.9m
Turbine Hub Height 1:	81.4m
Turbine Rotor Diameter 1:	133m

Turbine Tip Height 2:	100.5m
Turbine Hub Height 2:	133m
Turbine Rotor Diameter 2:	167m

Date and Time:	24/04/2024 11:43
Camera:	Canon 5D Mark II
Lens:	Fixed 50mm
Camera Height:	1.7m (AGL)

Direction (clockwise from Grid N):	183 °
Distance to Nearest Visible Turbine:	1.2 km
Nearest Turbine:	T6
Horizontal Field of View: 90 ° (cylindrical projection)	
Principal Distance:	522 mm

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Kilshanroe

Viewpoint Ref: VP10

Contextual Photomontage

Part 1 of 1





National Grid Cordinate (ITM)
Easting: 673916
Northing: 737544
Elevation: 83.9m

Horizontal Field of View: 180 ° (cylindrical projection)
Turbine Tip Height 1: 147.9m
Turbine Hub Height 1: 81.4m
Turbine Rotor Diameter 1: 133m

Turbine Tip Height 2: 100.5m
Turbine Hub Height 2: 133m
Turbine Rotor Diameter 2: 167m

Date and Time: 24/04/2024 11:43
Camera: Canon 5D Mark II
Lens: Fixed 50mm
Camera Height: 1.7m (AGL)

Direction (clockwise from Grid N): 138 °
Distance to Nearest Visible Turbine: 1.2 km
Nearest Turbine: T6

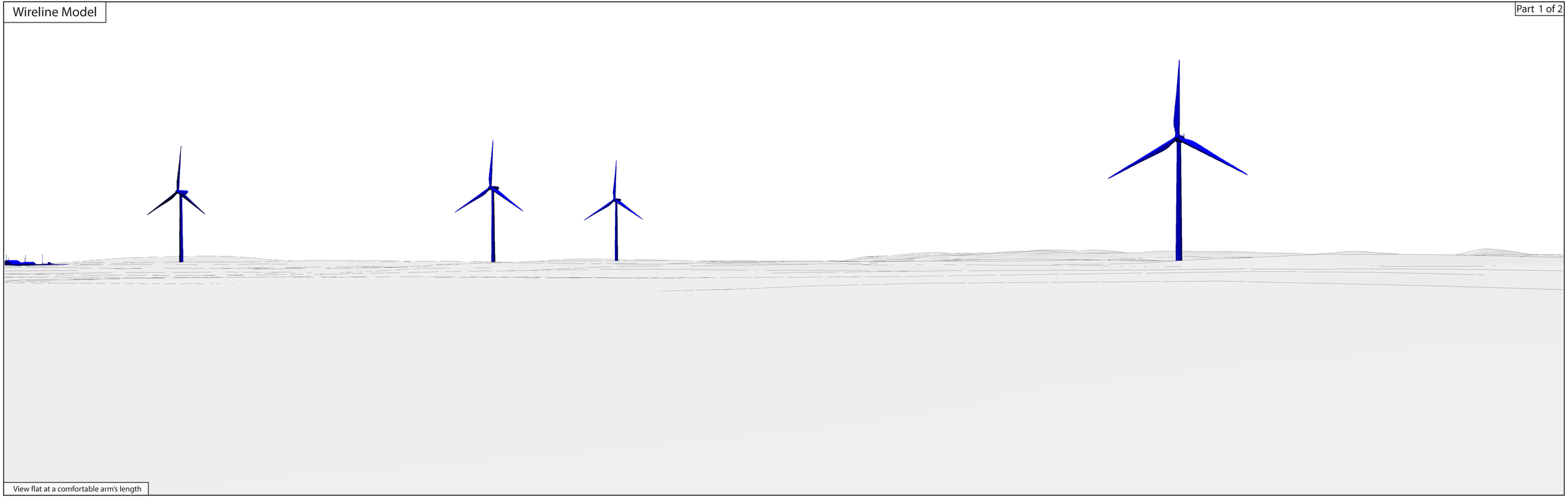
macroworks

Kilshanroe

Viewpoint Ref: VP10a

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:	673916
Northing:	737544
Elevation:	83.9 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:	24/04/2024 11:43
Camera:	Canon 5D Mark II
Lens:	Fixed 50mm
Camera Height:	1.7m (AGL)

Direction (clockwise from Grid N):	108 °
Distance to Nearest Visible Turbine:	1.2 km
Nearest Turbine:	T6

macroworks APEM Group

Kilshanroe

Viewpoint Ref: VP10a

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:	673916
Northing:	737544
Elevation:	83.9 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:	24/04/2024 11:43
Camera:	Canon 5D Mark II
Lens:	Fixed 50mm
Camera Height:	1.7m (AGL)

Direction (clockwise from Grid N):	108 °
Distance to Nearest Visible Turbine:	1.2 km
Nearest Turbine:	T6

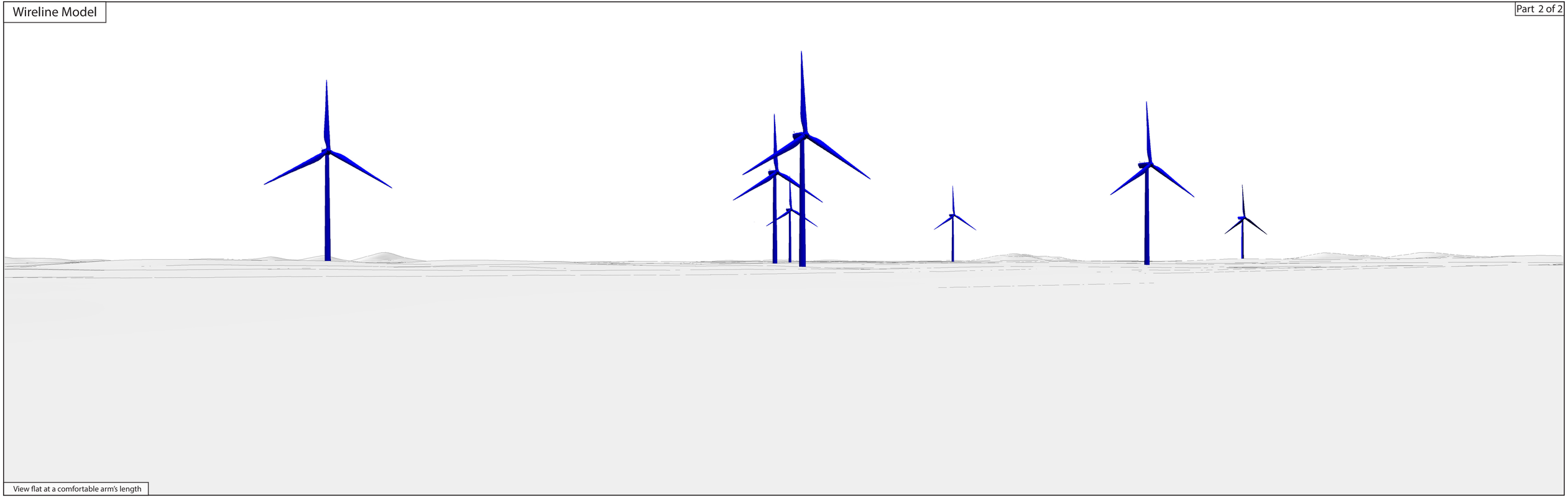
macroworks APEM Group

Kilshanroe

Viewpoint Ref: VP10b

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 Cordinate (ITM)	
Easting:	673916
Northing:	737544
Elevation:	83.9 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:	24/04/2024 11:43
Camera:	Canon 5D Mark II
Lens:	Fixed 50mm
Camera Height:	1.7m (AGL)

Direction (clockwise from Grid N):	165 °
Distance to Nearest Visible Turbine:	1.2 km
Nearest Turbine:	T6

macroworks APEM Group

Kilshanroe

Viewpoint Ref: VP10b

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:	673916
Northing:	737544
Elevation:	83.9 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:	24/04/2024 11:43
Camera:	Canon 5D Mark II
Lens:	Fixed 50mm
Camera Height:	1.7m (AGL)

Direction (clockwise from Grid N):	165 °
Distance to Nearest Visible Turbine:	1.2 km
Nearest Turbine:	T6

macroworks

Ballnamullagh

Viewpoint Ref: VP11

Baseline Photograph

This image provides landscape and visual context only

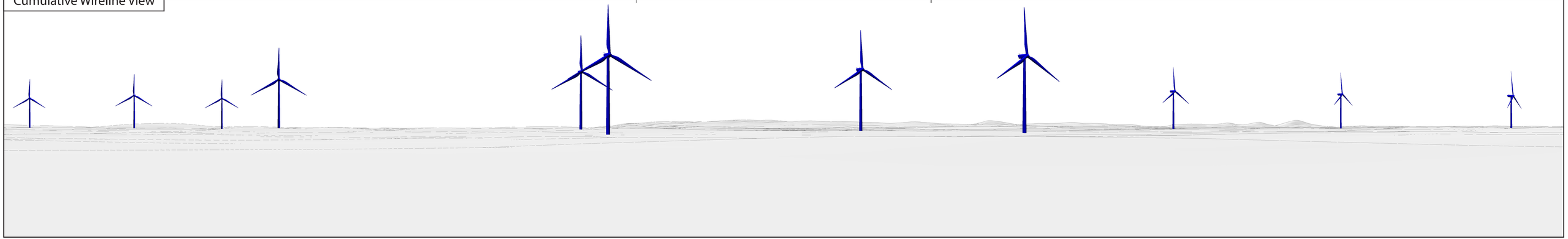
Part 1 of 1



Cumulative Wireline View

Extent of 53.5º planar panorama (VP11a)

Extent of 53.5º planar panorama (VP11b)



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 Cordinate (ITM)
Easting: 672989
Northing: 736814
Elevation: 79.5 m

Turbine Tip Height 1: 147.9m
Turbine Hub Height 1: 81.4m
Turbine Rotor Diameter 1: 133m

Turbine Tip Height 2: 100.5m
Turbine Hub Height 2: 133m
Turbine Rotor Diameter 2: 167m

Date and Time: 12/03/2025 15:44
Camera: Canon 5D Mark II
Lens: Fixed 50mm
Camera Height: 1.7m (AGL)

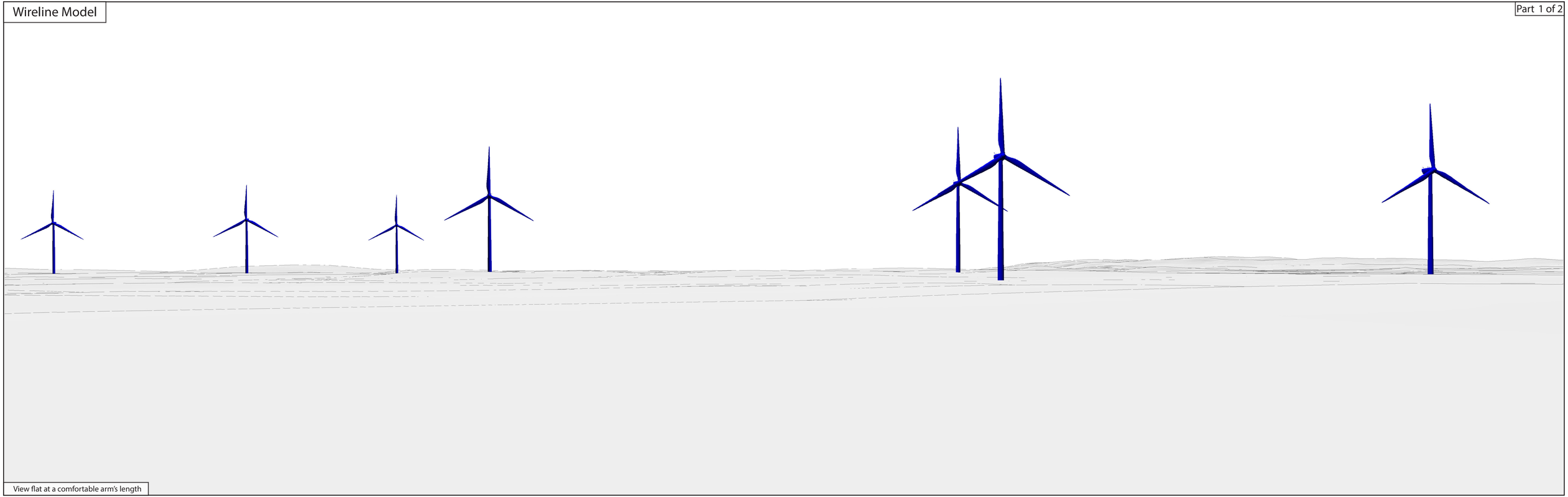
Direction (clockwise from Grid N): 119 °
Distance to Nearest Visible Turbine: 1.3 km
Nearest Turbine: T6
Horizontal Field of View: 90 ° (cylindrical projection)
Principal Distance: 522 mm

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Ballnamullagh Viewpoint Ref: VP11a

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:	672989
Northing:	736814
Elevation:	79.5 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:	12/03/2025 15:44
Camera:	Canon 5D Mark II
Lens:	Fixed 50mm
Camera Height:	1.7m (AGL)

Direction (clockwise from Grid N):	100 °
Distance to Nearest Visible Turbine:	1.3 km
Nearest Turbine:	T6

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Ballnamullagh

Viewpoint Ref: VP11a

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:	672989
Northing:	736814
Elevation:	79.5 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:	12/03/2025 15:44
Camera:	Canon 5D Mark II
Lens:	Fixed 50mm
Camera Height:	1.7m (AGL)

Direction (clockwise from Grid N):	100 °
Distance to Nearest Visible Turbine:	1.3 km
Nearest Turbine:	T6

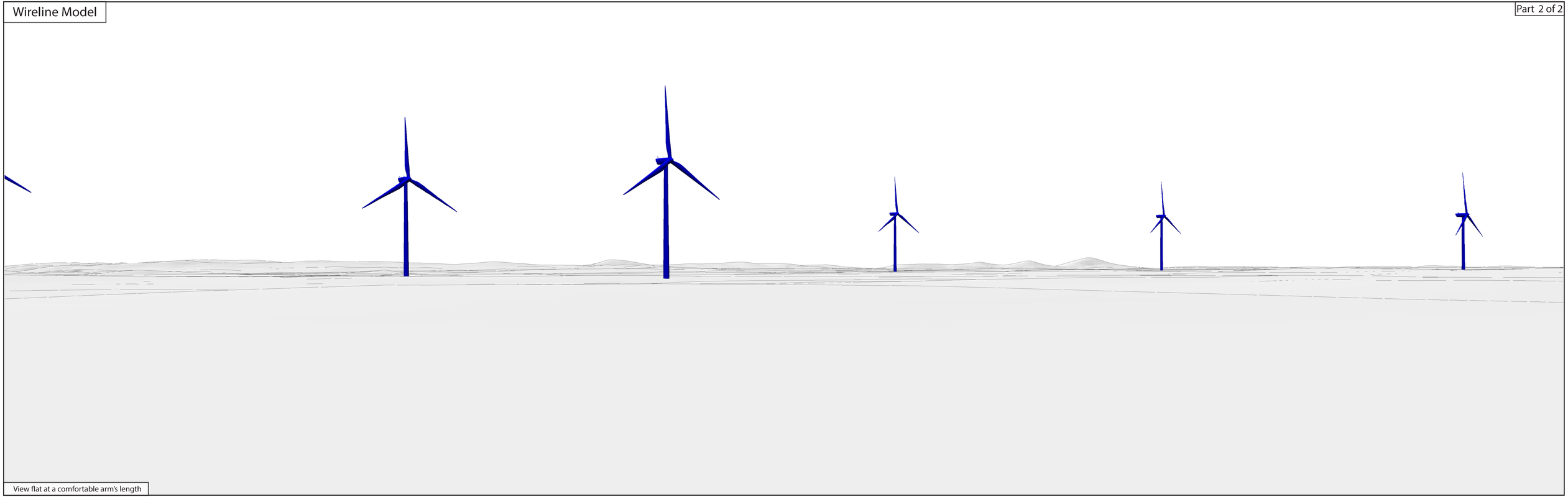
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Ballnamullagh

Viewpoint Ref: VP11b

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 Cordinate (ITM)	
Easting:	672989
Northing:	736814
Elevation:	79.5 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:	12/03/2025 16:17
Camera:	Canon 5D Mark II
Lens:	Fixed 50mm
Camera Height:	1.7m (AGL)

Direction (clockwise from Grid N):	137 °
Distance to Nearest Visible Turbine:	1.3 km
Nearest Turbine:	T6

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Ballnamullagh Viewpoint Ref: VP11b

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:	672989
Northing:	736814
Elevation:	79.5 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:	12/03/2025 16:17
Camera:	Canon 5D Mark II
Lens:	Fixed 50mm
Camera Height:	1.7m (AGL)

Direction (clockwise from Grid N):	137 °
Distance to Nearest Visible Turbine:	1.3 km
Nearest Turbine:	T6

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Mucklon

Viewpoint Ref: VP12

Baseline Photograph

This image provides landscape and visual context only

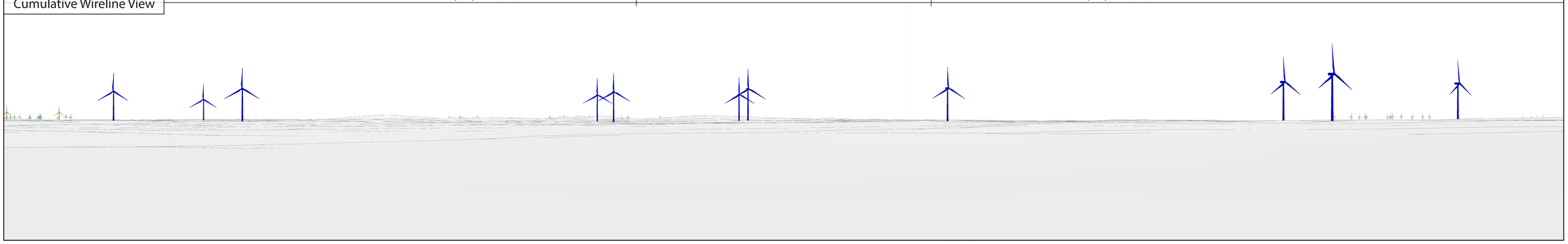
Part 1 of 1



Extent of 53.5º planar panorama (VP12a)

Extent of 53.5º planar panorama (VP12b)

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 Cordinate (ITM)	
Easting:	677748
Northing:	735353
Elevation:	88.7 m

Turbine Tip Height 1:	147.9m
Turbine Hub Height 1:	81.4m
Turbine Rotor Diameter 1:	133m

Turbine Tip Height 2:	100.5m
Turbine Hub Height 2:	133m
Turbine Rotor Diameter 2:	167m

Date and Time:	26/04/2024 09:41
Camera:	Canon 5D Mark II
Lens:	Fixed 50mm
Camera Height:	1.7m (AGL)

Direction (clockwise from Grid N):	289 ˚
Distance to Nearest Visible Turbine:	2.2 km
Nearest Turbine:	T10
Horizontal Field of View: 90 ˚ (cylindrical projection)	
Principal Distance:	522 mm

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Viewpoint Ref: VP12

Contextual Photomontage

Part 1 of 1



Extent of 53.5° planar panorama (VP12a)

Extent of 53.5° planar panorama (VP12b)

Extent of 90° cylindrical panorama



National Grid Cordinate (ITM)
Easting: 677748
Northing: 735353
Elevation: 88.7 m

Horizontal Field of View: 180 ° (cylindrical projection)
Turbine Tip Height 1: 147.9m
Turbine Hub Height 1: 81.4m
Turbine Rotor Diameter 1: 133m

Turbine Tip Height 2: 100.5m
Turbine Hub Height 2: 133m
Turbine Rotor Diameter 2: 167m

Date and Time: 26/04/2024 09:41
Camera: Canon 5D Mark II
Lens: Fixed 50mm
Camera Height: 1.7m (AGL)

Direction (clockwise from Grid N): 289 °
Distance to Nearest Visible Turbine: 2.2 km
Nearest Turbine: T10

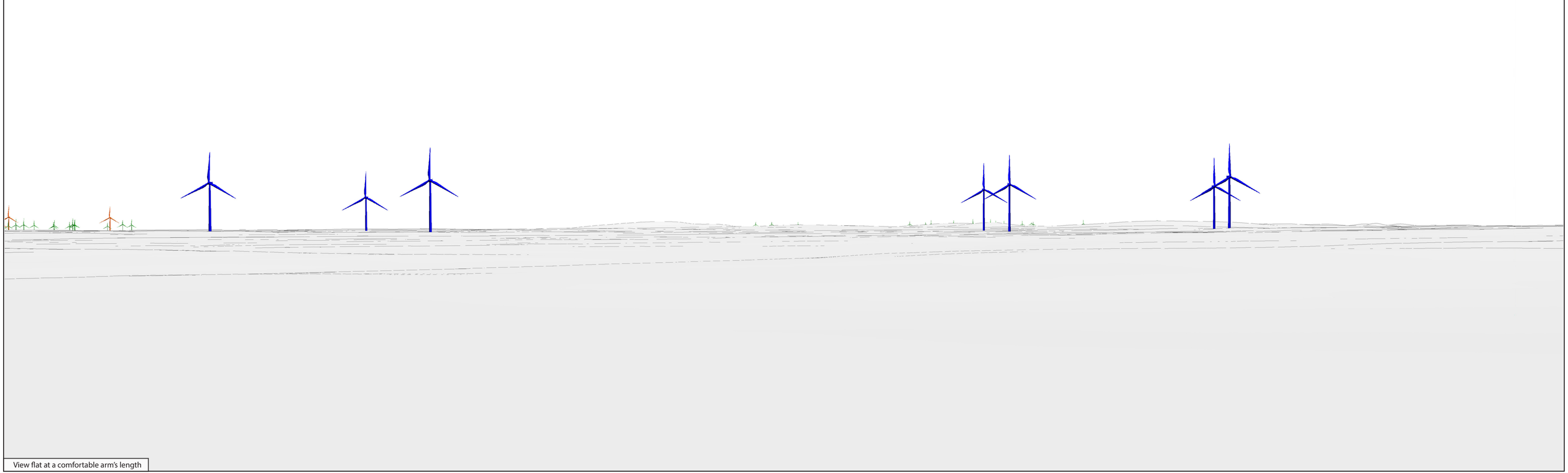
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Mucklon

Viewpoint Ref: VP12a

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:	677748
Northing:	735353
Elevation:	88.7 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:	26/04/2024 09:41
Camera:	Canon 5D Mark II
Lens:	Fixed 50mm
Camera Height:	1.7m (AGL)

Direction (clockwise from Grid N):	271 °
Distance to Nearest Visible Turbine:	2.2 km
Nearest Turbine:	T10

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Mucklon

Viewpoint Ref: VP12a

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:	677748
Northing:	735353
Elevation:	88.7 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:	26/04/2024 09:41
Camera:	Canon 5D Mark II
Lens:	Fixed 50mm
Camera Height:	1.7m (AGL)

Direction (clockwise from Grid N):	271 °
Distance to Nearest Visible Turbine:	2.2 km
Nearest Turbine:	T10

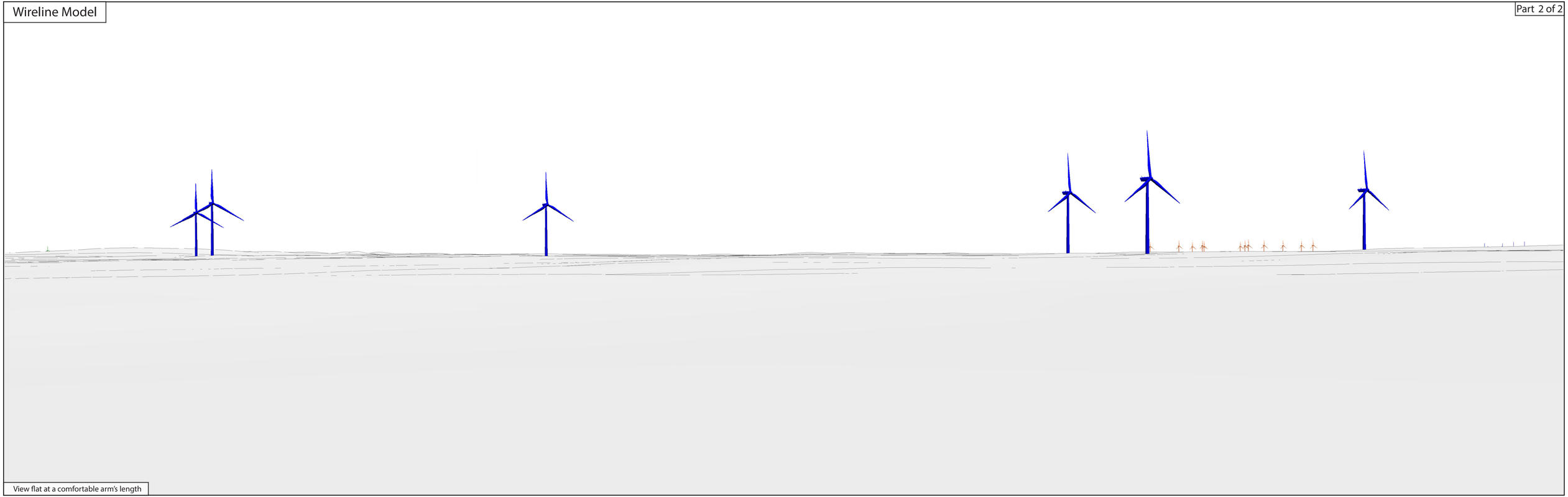
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Mucklon

Viewpoint Ref: VP12b

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 Cordinate (ITM)	
Easting:	677748
Northing:	735353
Elevation:	88.7 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:	26/04/2024 09:41
Camera:	Canon 5D Mark II
Lens:	Fixed 50mm
Camera Height:	1.7m (AGL)

Direction (clockwise from Grid N):	307 °
Distance to Nearest Visible Turbine:	2.2 km
Nearest Turbine:	T10

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Viewpoint Ref: VP12b

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:	677748
Northing:	735353
Elevation:	88.7 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:	26/04/2024 09:41
Camera:	Canon 5D Mark II
Lens:	Fixed 50mm
Camera Height:	1.7m (AGL)

Direction (clockwise from Grid N):	307 °
Distance to Nearest Visible Turbine:	2.2 km
Nearest Turbine:	T10

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Carbury Castle

Viewpoint Ref: VP13

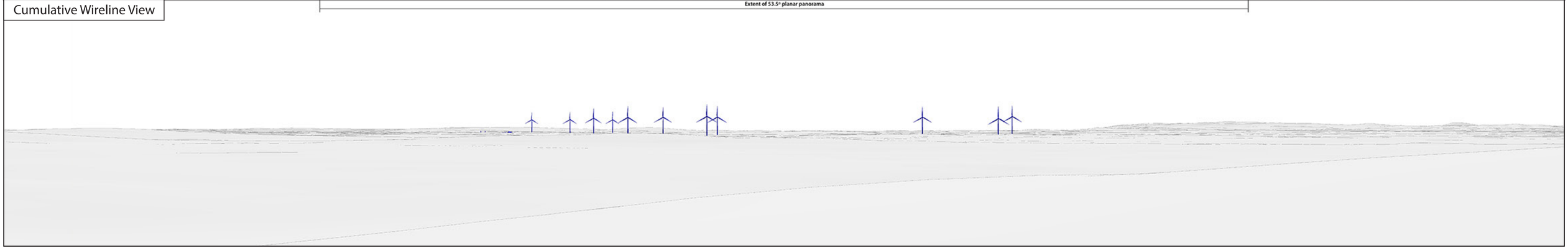
Baseline Photograph

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 Cordinate (ITM)	
Easting:	668647
Northing:	735120
Elevation:	124.2 m

Turbine Tip Height 1:	147.9m
Turbine Hub Height 1:	81.4m
Turbine Rotor Diameter 1:	133m

Turbine Tip Height 2:	100.5m
Turbine Hub Height 2:	133m
Turbine Rotor Diameter 2:	167m

Date and Time:	02/12/2014 15:57
Camera:	Canon 5D Mark II
Lens:	Fixed 50mm
Camera Height:	1.7m (AGL)

Direction (clockwise from Grid N):	86 °
Distance to Nearest Visible Turbine:	5.3 km
Nearest Turbine:	T1
Horizontal Field of View: 90 ° (cylindrical projection)	
Principal Distance:	522 mm

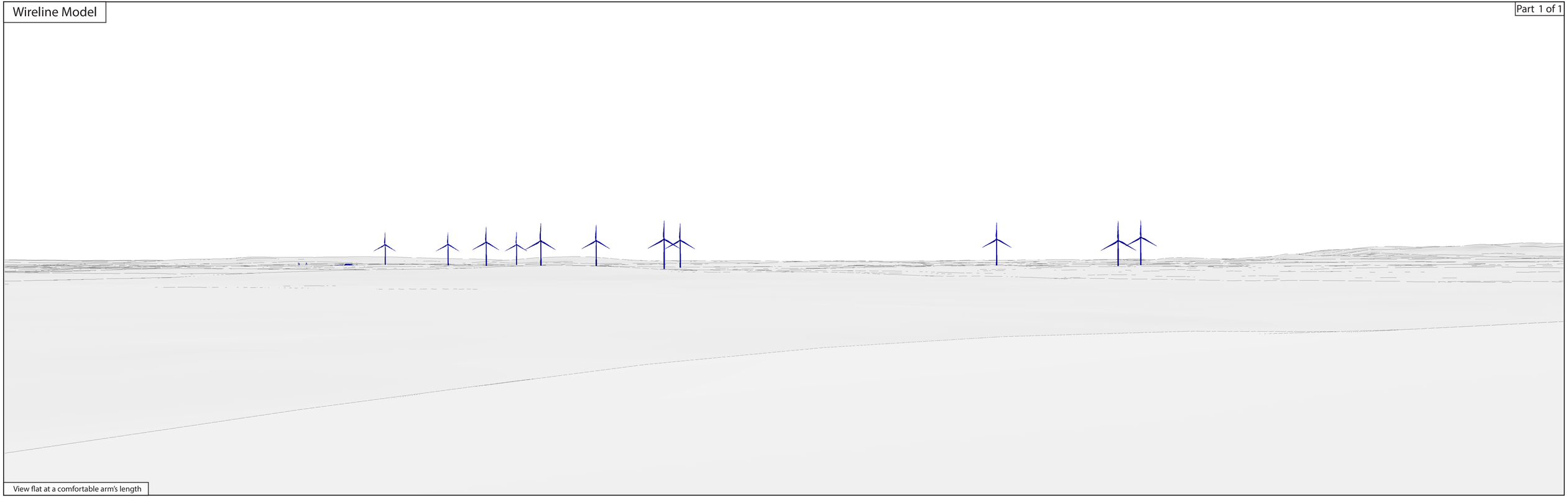
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Carbury Castle

Viewpoint Ref: VP13

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:	668647
Northing:	735120
Elevation:	124.2 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:	02/12/2014	15:57
Camera:	Canon 5D Mark II	
Lens:	Fixed 50mm	
Camera Height:	1.7m (AGL)	

Direction (clockwise from Grid N):	86 °
Distance to Nearest Visible Turbine:	5.3 km
Nearest Turbine:	T1

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Carbury Castle

Viewpoint Ref: VP13

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:	668647
Northing:	735120
Elevation:	124.2 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:	02/12/2014 15:57
Camera:	Canon 5D Mark II
Lens:	Fixed 50mm
Camera Height:	1.7m (AGL)

Direction (clockwise from Grid N):	86 °
Distance to Nearest Visible Turbine:	5.3 km
Nearest Turbine:	T1

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Drehid Wind Farm - Landscape and Visual Impact Assessment

Collinstown Viewpoint Ref: VP14

Baseline Photograph

This image provides landscape and visual context only

Part 1 of 1



Extent of 63.5° 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 Cordinate (ITM)	
Easting:	672386
Northing:	734785
Elevation:	90.1 m

Turbine Tip Height 1:	147.9m
Turbine Hub Height 1:	81.4m
Turbine Rotor Diameter 1:	133m

Turbine Tip Height 2:	100.5m
Turbine Hub Height 2:	133m
Turbine Rotor Diameter 2:	167m

Date and Time:	24/04/2024 14:29
Camera:	Canon 5D Mark II
Lens:	Fixed 50mm
Camera Height:	1.7m (AGL)

Direction (clockwise from Grid N):	78 °
Distance to Nearest Visible Turbine:	1.5 km
Nearest Turbine:	T1
Horizontal Field of View: 90 ° (cylindrical projection)	
Principal Distance:	522 mm

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Collinstown

Viewpoint Ref: VP14

Wireline Model

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'.
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:	672386
Northing:	734785
Elevation:	90.1 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:	24/04/2024 14:29
Camera:	Canon 5D Mark II
Lens:	Fixed 50mm
Camera Height:	1.7m (AGL)

Direction (clockwise from Grid N):	78 °
Distance to Nearest Visible Turbine:	1.5 km
Nearest Turbine:	T1

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Collinstown

Viewpoint Ref: VP14

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'.
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:	672386
Northing:	734785
Elevation:	90.1 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:	24/04/2024 14:29
Camera:	Canon 5D Mark II
Lens:	Fixed 50mm
Camera Height:	1.7m (AGL)

Direction (clockwise from Grid N):	78 °
Distance to Nearest Visible Turbine:	1.5 km
Nearest Turbine:	T1

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Drehid Wind Farm - Landscape and Visual Impact Assessment

Carbury - R402 Viewpoint Ref: VP15

Baseline Photograph

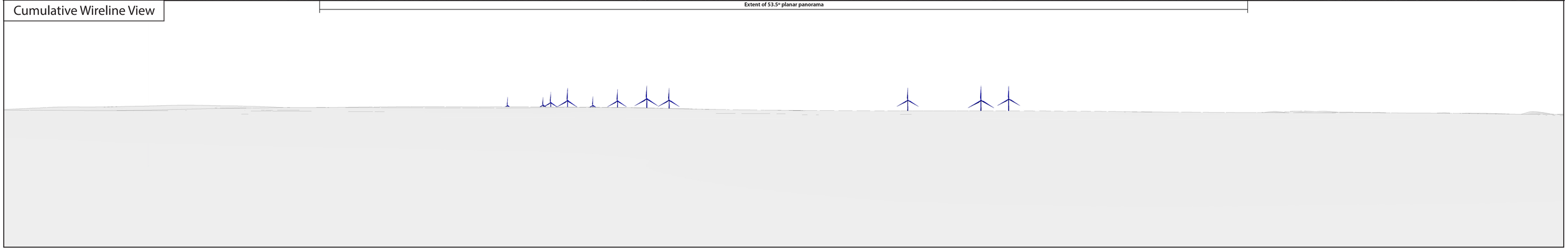
This image provides landscape and visual context only

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 Cordinate (ITM)	
Easting:	669440
Northing:	734583
Elevation:	92.3 m

Turbine Tip Height 1:	147.9m
Turbine Hub Height 1:	81.4m
Turbine Rotor Diameter 1:	133m

Turbine Tip Height 2:	100.5m
Turbine Hub Height 2:	133m
Turbine Rotor Diameter 2:	167m

Date and Time:	24/04/2024 11:11
Camera:	Canon 5D Mark II
Lens:	Fixed 50mm
Camera Height:	1.7m (AGL)

Direction (clockwise from Grid N):	82 °
Distance to Nearest Visible Turbine:	4.4 km
Nearest Turbine:	T1
Horizontal Field of View: 90 ° (cylindrical projection)	
Principal Distance:	522 mm

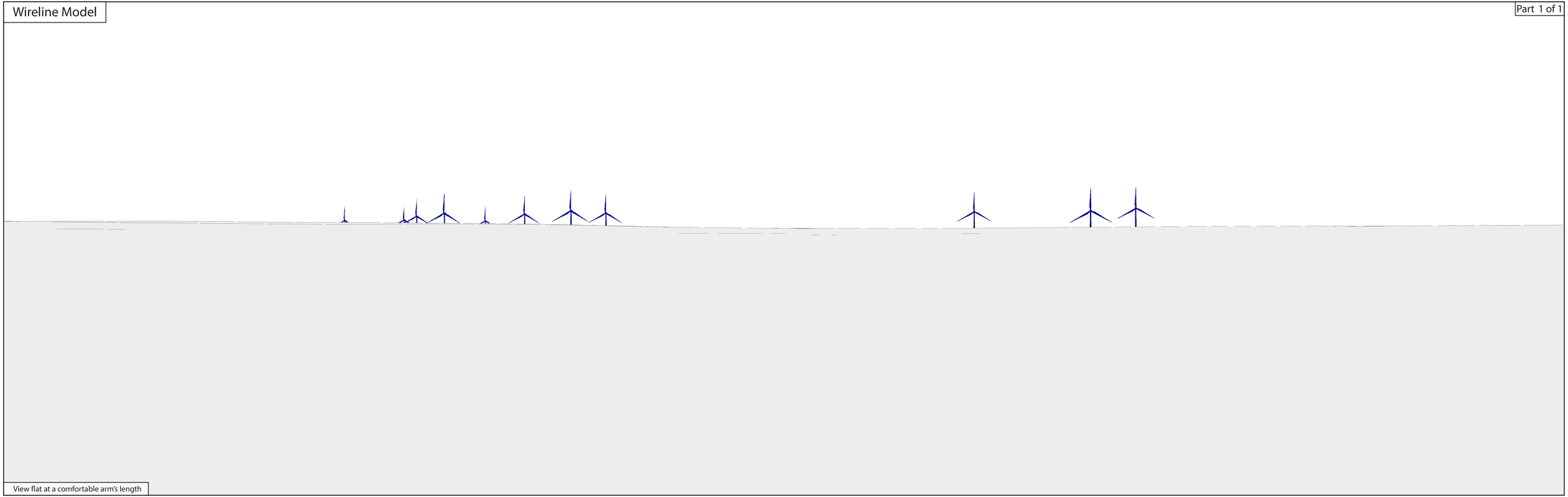
macroworks

Carbury - R402

Viewpoint Ref: VP15

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:	669440
Northing:	734583
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:	24/04/2024 11:11
Camera:	Canon 5D Mark II
Lens:	Fixed 50mm
Camera Height:	1.7m (AGL)

Direction (clockwise from Grid N):	82 °
Distance to Nearest Visible Turbine:	4.4 km
Nearest Turbine:	T1

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Carbury - R402

Viewpoint Ref: VP15

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:	669440
Northing:	734583
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:	24/04/2024 11:11
Camera:	Canon 5D Mark II
Lens:	Fixed 50mm
Camera Height:	1.7m (AGL)

Direction (clockwise from Grid N):	82 °
Distance to Nearest Visible Turbine:	4.4 km
Nearest Turbine:	T1

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Drehid Wind Farm - Landscape and Visual Impact Assessment

Drehid Viewpoint Ref: VP16

Baseline Photograph

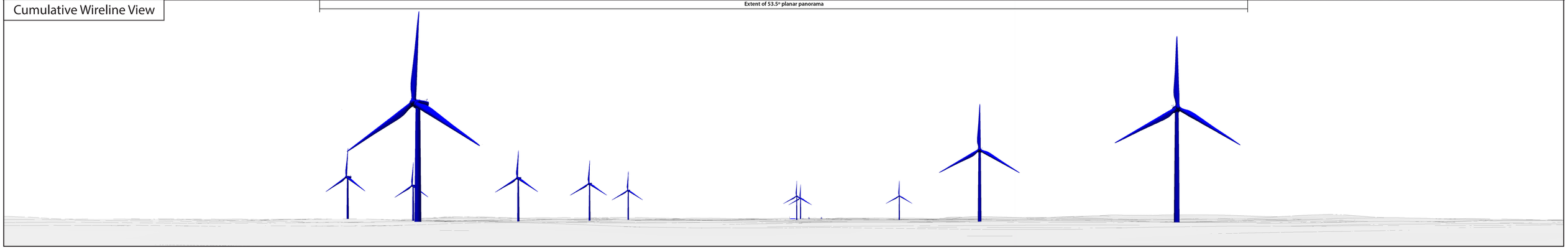
This image provides landscape and visual context only

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 Cordinate (ITM)	
Easting:	673713
Northing:	733651
Elevation:	88.6 m

Turbine Tip Height 1:	147.9m
Turbine Hub Height 1:	81.4m
Turbine Rotor Diameter 1:	133m

Turbine Tip Height 2:	100.5m
Turbine Hub Height 2:	133m
Turbine Rotor Diameter 2:	167m

Date and Time:	24/04/2024 14:51
Camera:	Canon 5D Mark II
Lens:	Fixed 50mm
Camera Height:	1.7m (AGL)

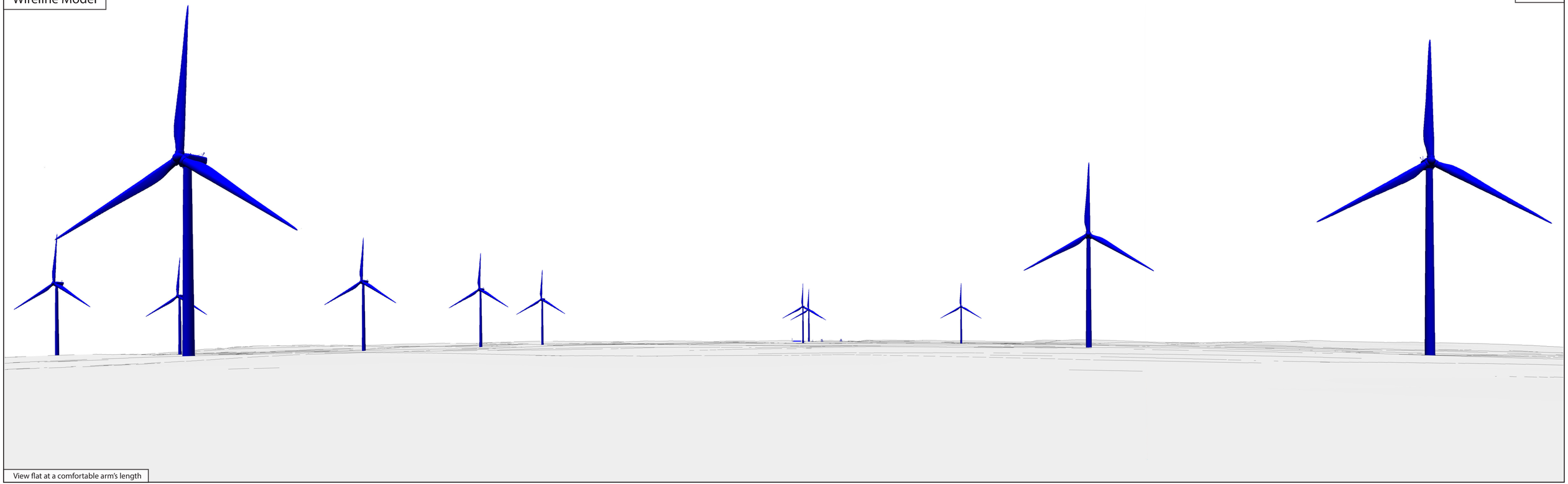
Direction (clockwise from Grid N):	32 °
Distance to Nearest Visible Turbine:	0.7 km
Nearest Turbine:	T1
Horizontal Field of View: 90 ° (cylindrical projection)	
Principal Distance:	522 mm

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Drehid Viewpoint Ref: VP16

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:	673713
Northing:	733651
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:	24/04/2024 14:51
Camera:	Canon 5D Mark II
Lens:	Fixed 50mm
Camera Height:	1.7m (AGL)

Direction (clockwise from Grid N):	32 °
Distance to Nearest Visible Turbine:	0.7 km
Nearest Turbine:	T1

macroworks APEM Group

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:	673713
Northing:	733651
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:	24/04/2024 14:51
Camera:	Canon 5D Mark II
Lens:	Fixed 50mm
Camera Height:	1.7m (AGL)

Direction (clockwise from Grid N):	32 °
Distance to Nearest Visible Turbine:	0.7 km
Nearest Turbine:	T1

macroworks APEM Group

Drehid Wind Farm - Landscape and Visual Impact Assessment

Carbury - GAA

Viewpoint Ref: VP17

Baseline Photograph

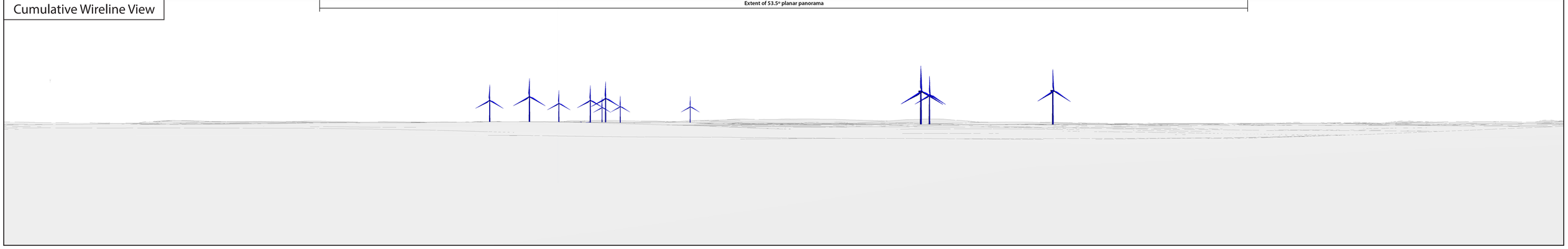
This image provides landscape and visual context only

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 Cordinate (ITM)	
Easting:	671528
Northing:	733317
Elevation:	85.9 m

Turbine Tip Height 1:	147.9m
Turbine Hub Height 1:	81.4m
Turbine Rotor Diameter 1:	133m

Turbine Tip Height 2:	100.5m
Turbine Hub Height 2:	133m
Turbine Rotor Diameter 2:	167m

Date and Time:	12/03/2025 16:17
Camera:	Canon 5D Mark II
Lens:	Fixed 50mm
Camera Height:	1.7m (AGL)

Direction (clockwise from Grid N):	58 °
Distance to Nearest Visible Turbine:	2.5 km
Nearest Turbine:	T1
Horizontal Field of View: 90 ° (cylindrical projection)	
Principal Distance:	522 mm

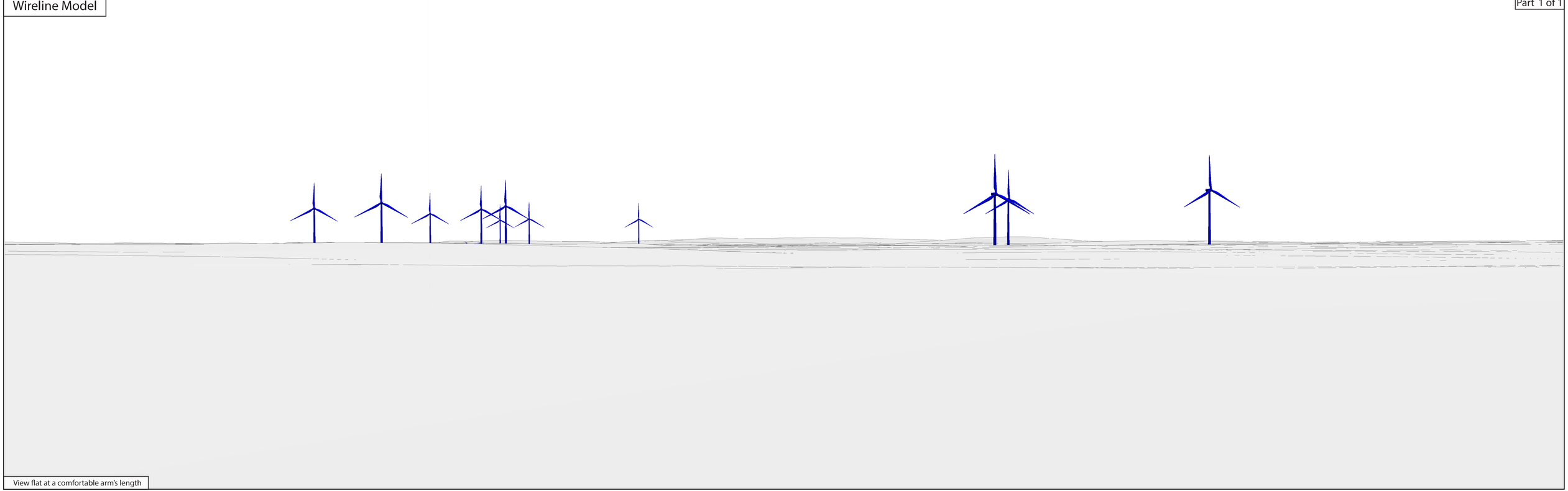
macroworks

Carbury - GAA

Viewpoint Ref: VP17

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:	671528
Northing:	733317
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:	12/03/2025 16:17
Camera:	Canon 5D Mark II
Lens:	Fixed 50mm
Camera Height:	1.7m (AGL)

Direction (clockwise from Grid N):	58 °
Distance to Nearest Visible Turbine:	2.5 km
Nearest Turbine:	T1

macroworks

Carbury - GAA

Viewpoint Ref: VP17

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:	671528
Northing:	733317
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:	12/03/2025 16:17
Camera:	Canon 5D Mark II
Lens:	Fixed 50mm
Camera Height:	1.7m (AGL)

Direction (clockwise from Grid N):	58 °
Distance to Nearest Visible Turbine:	2.5 km
Nearest Turbine:	T1

macroworks

Drehid Wind Farm - Landscape and Visual Impact Assessment

Edenderry Viewpoint Ref: VP18

Baseline Photograph

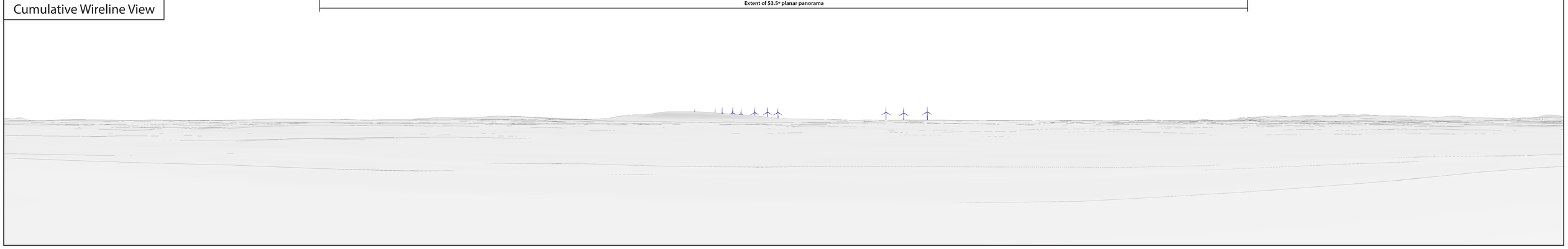
This image provides landscape and visual context only

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 Cordinate (ITM)	
Easting:	663369
Northing:	732673
Elevation:	92.2 m

Turbine Tip Height 1:	147.9m
Turbine Hub Height 1:	81.4m
Turbine Rotor Diameter 1:	133m

Turbine Tip Height 2:	100.5m
Turbine Hub Height 2:	133m
Turbine Rotor Diameter 2:	167m

Date and Time:	24/04/2024 10:54
Camera:	Canon 5D Mark II
Lens:	Fixed 50mm
Camera Height:	1.7m (AGL)

Direction (clockwise from Grid N):	74 °
Distance to Nearest Visible Turbine:	10.6 km
Nearest Turbine:	T1
Horizontal Field of View: 90 ° (cylindrical projection)	
Principal Distance:	522 mm

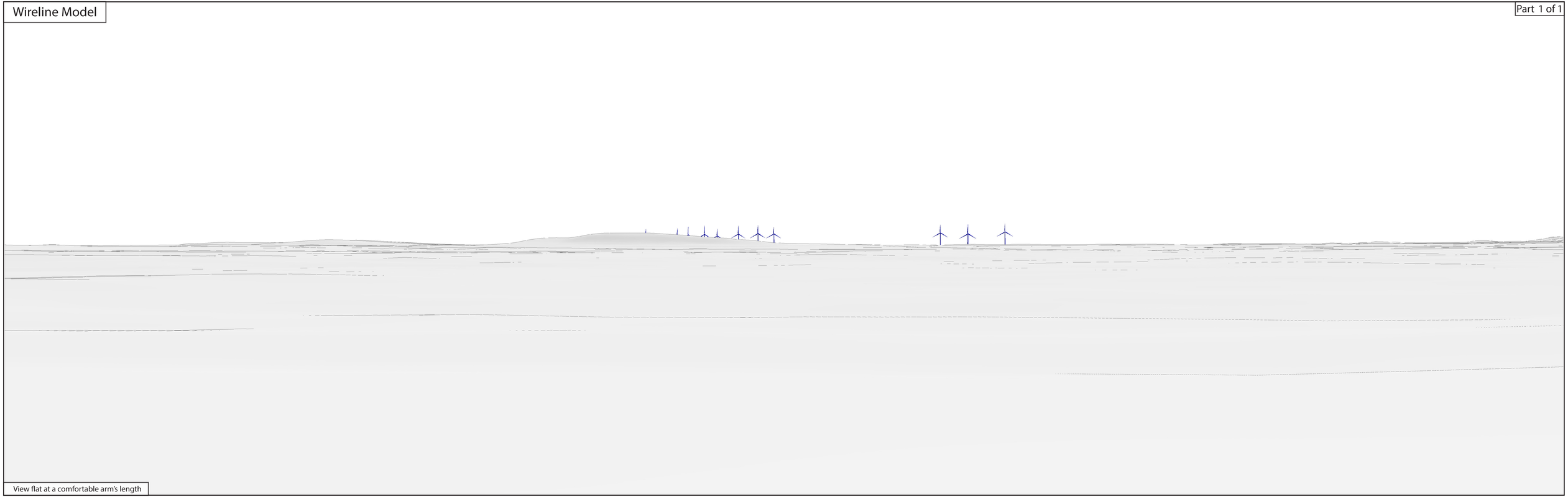
macroworks APEM Group

Edenderry

Viewpoint Ref: VP18

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:	663369
Northing:	732673
Elevation:	92.2 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:	24/04/2024 10:54
Camera:	Canon 5D Mark II
Lens:	Fixed 50mm
Camera Height:	1.7m (AGL)

Direction (clockwise from Grid N):	74 °
Distance to Nearest Visible Turbine:	10.6 km
Nearest Turbine:	T1

macroworks APEM Group

Edenderry

Viewpoint Ref: VP18

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:	663369
Northing:	732673
Elevation:	92.2 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:	24/04/2024 10:54
Camera:	Canon 5D Mark II
Lens:	Fixed 50mm
Camera Height:	1.7m (AGL)

Direction (clockwise from Grid N):	74 °
Distance to Nearest Visible Turbine:	10.6 km
Nearest Turbine:	T1

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Drehid Wind Farm - Landscape and Visual Impact Assessment

Timahoe

Viewpoint Ref: VP19

Baseline Photograph

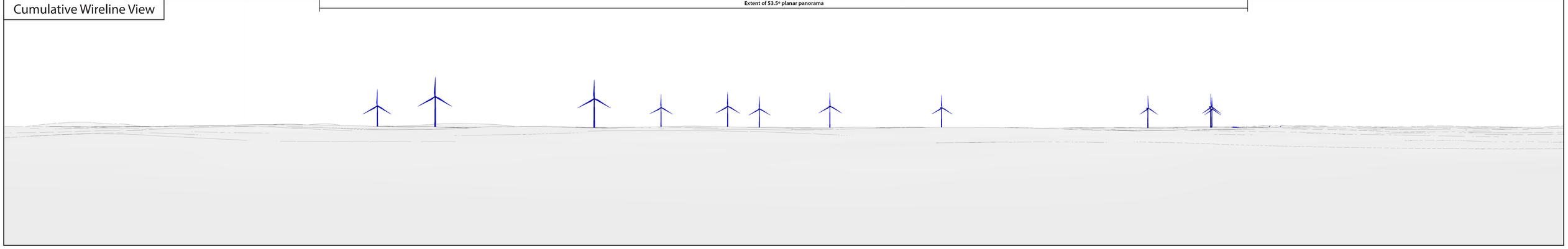
This image provides landscape and visual context only

Part 1 of 1



Extent of 53.5º 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 Cordinate (ITM)	
Easting:	677084
Northing:	732190
Elevation:	87.3 m

Turbine Tip Height 1:	147.9m
Turbine Hub Height 1:	81.4m
Turbine Rotor Diameter 1:	133m

Turbine Tip Height 2:	100.5m
Turbine Hub Height 2:	133m
Turbine Rotor Diameter 2:	167m

Date and Time:	26/04/2024 09:54
Camera:	Canon 5D Mark II
Lens:	Fixed 50mm
Camera Height:	1.7m (AGL)

Direction (clockwise from Grid N):	327 ˚
Distance to Nearest Visible Turbine:	3.3 km
Nearest Turbine:	T2
Horizontal Field of View: 90 ˚ (cylindrical projection)	
Principal Distance:	522 mm

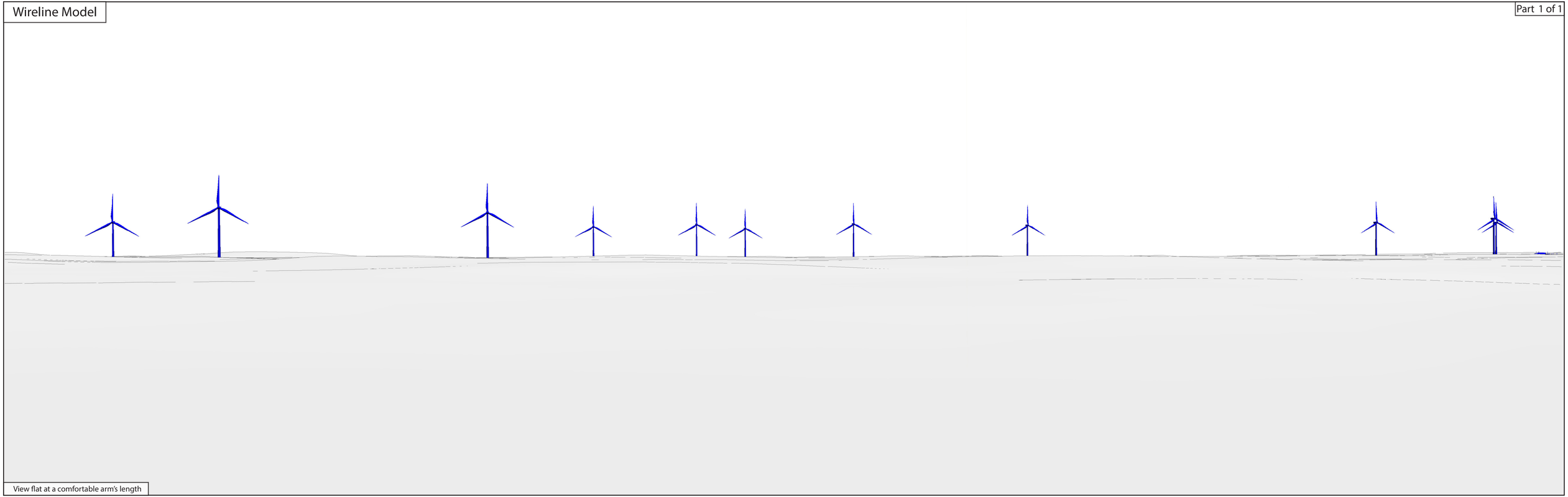
macroworks

Timahoe

Viewpoint Ref: VP19

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:	677084
Northing:	732190
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:	26/04/2024	09:54
Camera:	Canon 5D Mark II	
Lens:	Fixed 50mm	
Camera Height:	1.7m (AGL)	

Direction (clockwise from Grid N):	327 °
Distance to Nearest Visible Turbine:	3.3 km
Nearest Turbine:	T2

macroworks APEM Group

Timahoe

Viewpoint Ref: VP19

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:	677084
Northing:	732190
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:	26/04/2024 09:54
Camera:	Canon 5D Mark II
Lens:	Fixed 50mm
Camera Height:	1.7m (AGL)

Direction (clockwise from Grid N):	327 °
Distance to Nearest Visible Turbine:	3.3 km
Nearest Turbine:	T2

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Drehid Wind Farm - Landscape and Visual Impact Assessment

Derrinturn - R403 Viewpoint Ref: VP20

Baseline Photograph

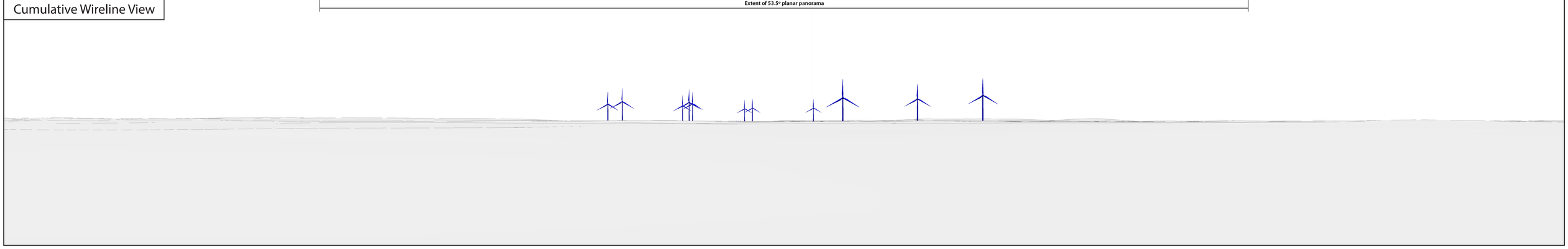
This image provides landscape and visual context only

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 Cordinate (ITM)	
Easting:	671308
Northing:	731972
Elevation:	88.1 m

Turbine Tip Height 1:	147.9m
Turbine Hub Height 1:	81.4m
Turbine Rotor Diameter 1:	133m

Turbine Tip Height 2:	100.5m
Turbine Hub Height 2:	133m
Turbine Rotor Diameter 2:	167m

Date and Time:	24/04/2024 13:49
Camera:	Canon 5D Mark II
Lens:	Fixed 50mm
Camera Height:	1.7m (AGL)

Direction (clockwise from Grid N):	43 °
Distance to Nearest Visible Turbine:	3.5 km
Nearest Turbine:	T1
Horizontal Field of View: 90 ° (cylindrical projection)	
Principal Distance:	522 mm

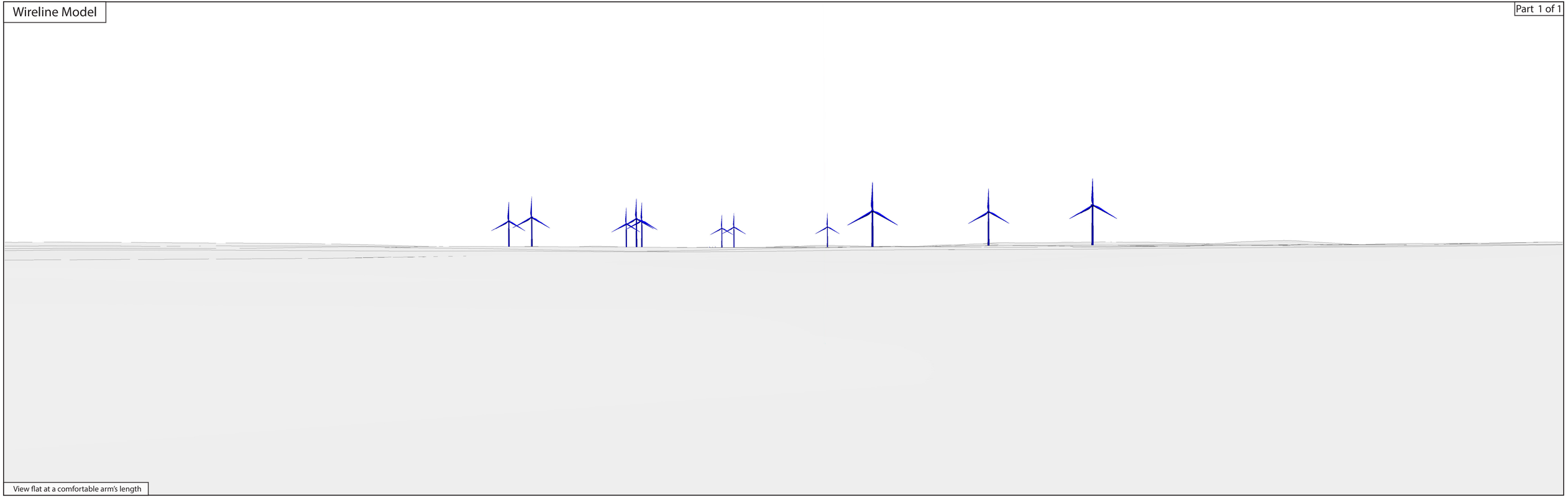
macroworks APEM Group

Derrinturn - R403

Viewpoint Ref: VP20

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:	671308
Northing:	731972
Elevation:	88.1 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:	24/04/2024 13:49
Camera:	Canon 5D Mark II
Lens:	Fixed 50mm
Camera Height:	1.7m (AGL)

Direction (clockwise from Grid N):	43 °
Distance to Nearest Visible Turbine:	3.5 km
Nearest Turbine:	T1

macroworks APEM Group

Derrinturn - R403

Viewpoint Ref: VP20

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:	671308
Northing:	731972
Elevation:	88.1 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:	24/04/2024 13:49
Camera:	Canon 5D Mark II
Lens:	Fixed 50mm
Camera Height:	1.7m (AGL)

Direction (clockwise from Grid N):	43 °
Distance to Nearest Visible Turbine:	3.5 km
Nearest Turbine:	T1

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Grand Canal - Hamilton's Bridge

Viewpoint Ref: VP21

Baseline Photograph

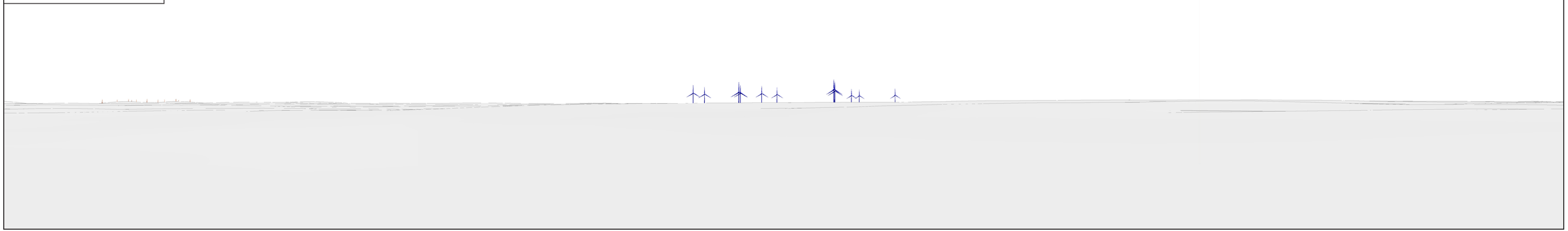
This image provides landscape and visual context only

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 Cordinate (ITM)	
Easting:	671780
Northing:	728171
Elevation:	84.2 m

Turbine Tip Height 1:	147.9m
Turbine Hub Height 1:	81.4m
Turbine Rotor Diameter 1:	133m

Turbine Tip Height 2:	100.5m
Turbine Hub Height 2:	133m
Turbine Rotor Diameter 2:	167m

Date and Time:	26/04/2024 11:26
Camera:	Canon 5D Mark II
Lens:	Fixed 50mm
Camera Height:	1.7m (AGL)

Direction (clockwise from Grid N):	21 °
Distance to Nearest Visible Turbine:	6.5 km
Nearest Turbine:	T1
Horizontal Field of View: 90 ° (cylindrical projection)	
Principal Distance:	522 mm

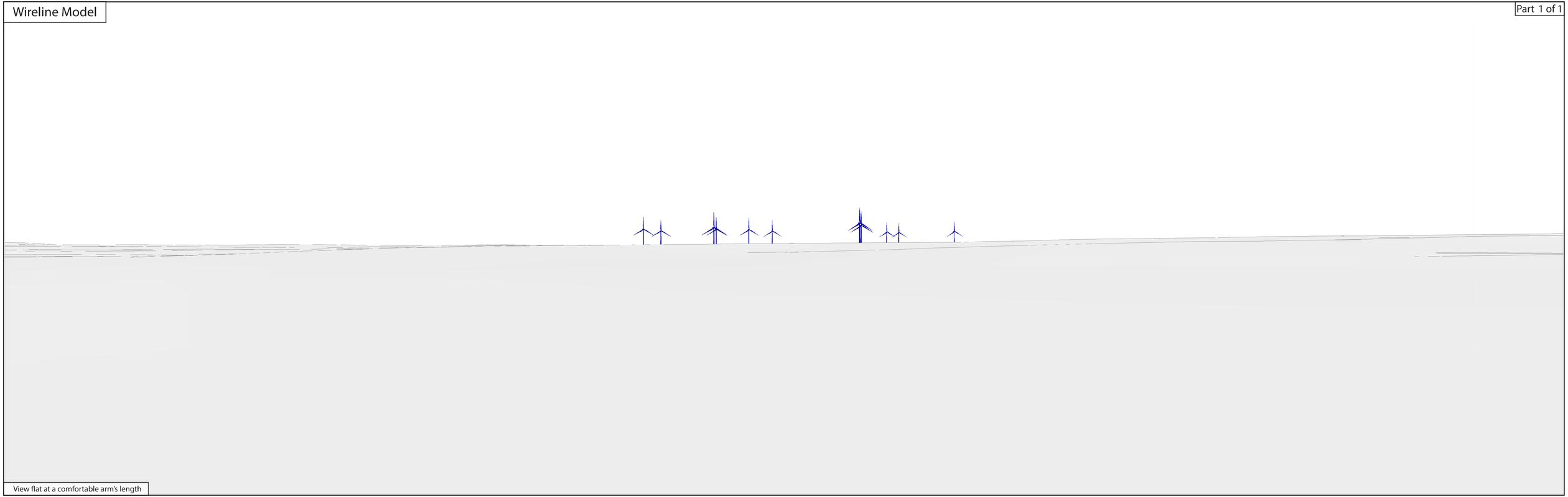
macroworks

Grand Canal - Hamilton's Bridge

Viewpoint Ref: VP21

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:	671780
Northing:	728171
Elevation:	84.2 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:	26/04/2024 11:26
Camera:	Canon 5D Mark II
Lens:	Fixed 50mm
Camera Height:	1.7m (AGL)

Direction (clockwise from Grid N):	21 °
Distance to Nearest Visible Turbine:	6.5 km
Nearest Turbine:	T1

macroworks APEM Group

Grand Canal - Hamilton's Bridge

Viewpoint Ref: VP21

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:	671780
Northing:	728171
Elevation:	84.2 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:	26/04/2024 11:26
Camera:	Canon 5D Mark II
Lens:	Fixed 50mm
Camera Height:	1.7m (AGL)

Direction (clockwise from Grid N):	21 °
Distance to Nearest Visible Turbine:	6.5 km
Nearest Turbine:	T1

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Lullymore East - R414

Viewpoint Ref: VP22

Baseline Photograph

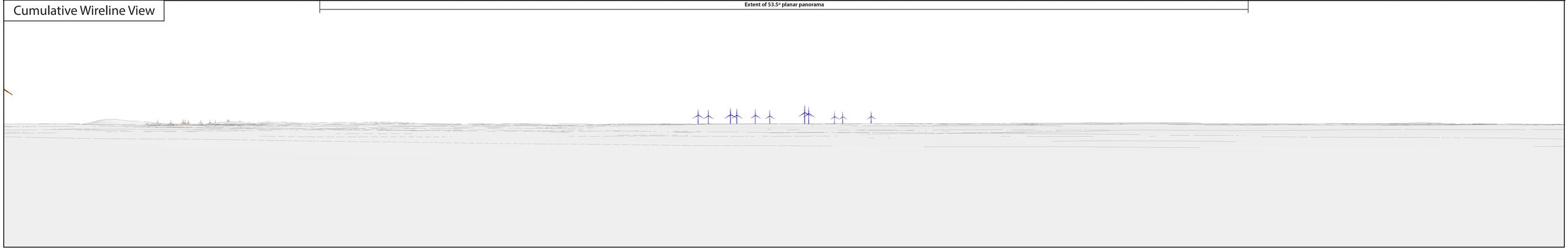
This image provides landscape and visual context only

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 Cordinate (ITM)	
Easting:	671431
Northing:	726312
Elevation:	82.2 m

Turbine Tip Height 1:	147.9m
Turbine Hub Height 1:	81.4m
Turbine Rotor Diameter 1:	133m

Turbine Tip Height 2:	100.5m
Turbine Hub Height 2:	133m
Turbine Rotor Diameter 2:	167m

Date and Time:	26/04/2024 11:54
Camera:	Canon 5D Mark II
Lens:	Fixed 50mm
Camera Height:	1.7m (AGL)

Direction (clockwise from Grid N):	20 °
Distance to Nearest Visible Turbine:	8.4 km
Nearest Turbine:	T1
Horizontal Field of View: 90 ° (cylindrical projection)	
Principal Distance:	522 mm

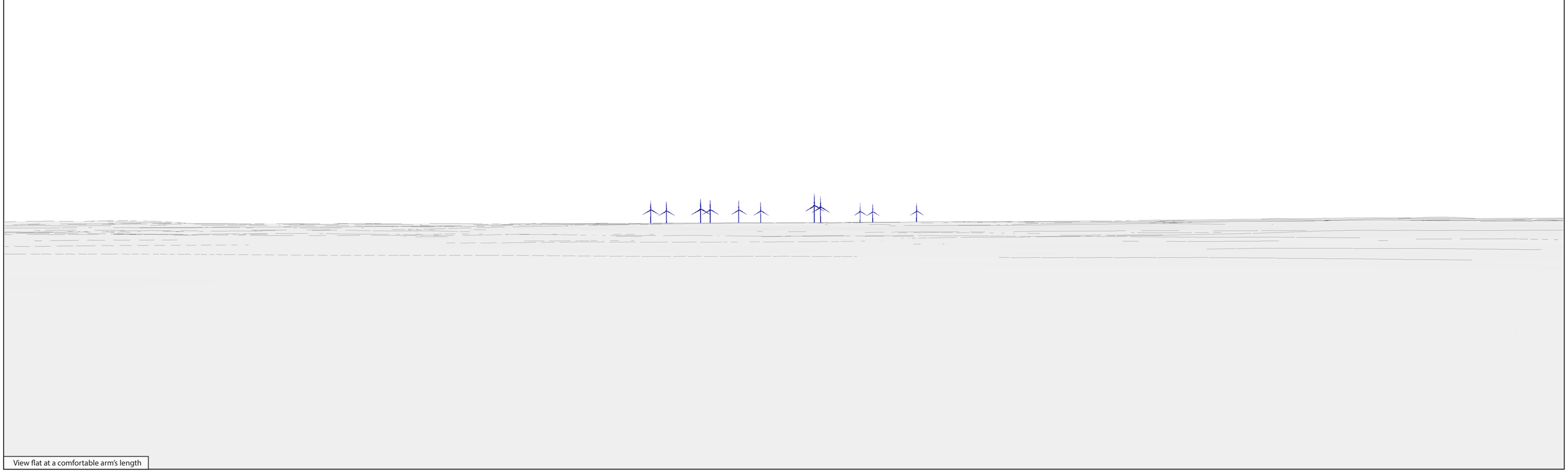
macroworks

Lullymore East - R414

Viewpoint Ref: VP22

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:	671431
Northing:	726312
Elevation:	82.2 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:	26/04/2024 11:54
Camera:	Canon 5D Mark II
Lens:	Fixed 50mm
Camera Height:	1.7m (AGL)

Direction (clockwise from Grid N):	20 °
Distance to Nearest Visible Turbine:	8.4 km
Nearest Turbine:	T1

macroworks APEM Group

Lullymore East - R414

Viewpoint Ref: VP22

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:	671431
Northing:	726312
Elevation:	82.2 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:	26/04/2024 11:54
Camera:	Canon 5D Mark II
Lens:	Fixed 50mm
Camera Height:	1.7m (AGL)

Direction (clockwise from Grid N):	20 °
Distance to Nearest Visible Turbine:	8.4 km
Nearest Turbine:	T1

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Drehid Wind Farm - Landscape and Visual Impact Assessment

Robertstown Viewpoint Ref: VP23

Baseline Photograph

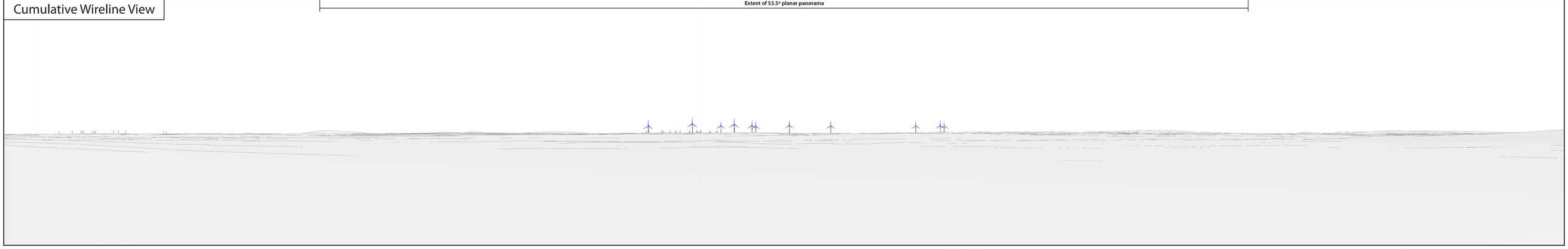
This image provides landscape and visual context only

Part 1 of 1



Extent of 53.5º 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 Cordinate (ITM)
Easting: 678921
Northing: 725151
Elevation: 88 m

Turbine Tip Height 1: 147.9m
Turbine Hub Height 1: 81.4m
Turbine Rotor Diameter 1: 133m

Turbine Tip Height 2: 100.5m
Turbine Hub Height 2: 133m
Turbine Rotor Diameter 2: 167m

Date and Time: 26/04/2024 12:33
Camera: Canon 5D Mark II
Lens: Fixed 50mm
Camera Height: 1.7m (AGL)

Direction (clockwise from Grid N): 339 °
Distance to Nearest Visible Turbine: 10.1 km
Nearest Turbine: T2
Horizontal Field of View: 90 ° (cylindrical projection)
Principal Distance: 522 mm

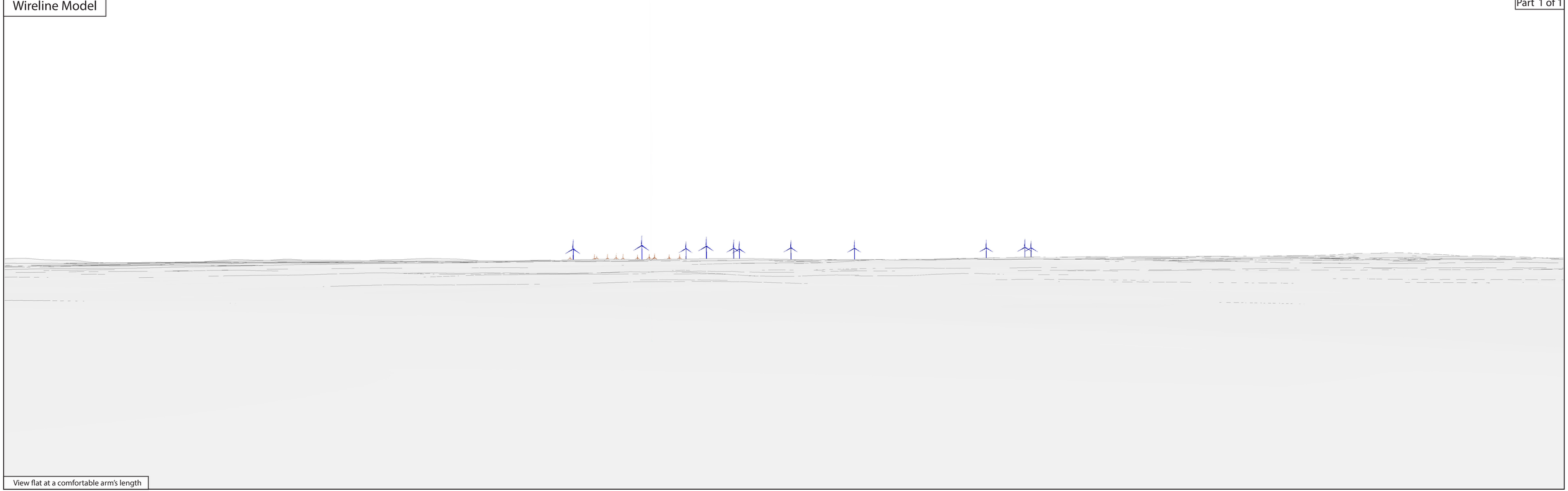
macroworks APEM Group

Robertstown

Viewpoint Ref: VP23

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:	678921
Northing:	725151
Elevation:	88 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:	26/04/2024 12:33
Camera:	Canon 5D Mark II
Lens:	Fixed 50mm
Camera Height:	1.7m (AGL)

Direction (clockwise from Grid N):	339 °
Distance to Nearest Visible Turbine:	10.1 km
Nearest Turbine:	T2

macroworks APEM Group

Robertstown

Viewpoint Ref: VP23

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:	678921
Northing:	725151
Elevation:	88 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:	26/04/2024 12:33
Camera:	Canon 5D Mark II
Lens:	Fixed 50mm
Camera Height:	1.7m (AGL)

Direction (clockwise from Grid N):	339 °
Distance to Nearest Visible Turbine:	10.1 km
Nearest Turbine:	T2

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Drehid Wind Farm - Landscape and Visual Impact Assessment

Hill of Allen - Tower

Viewpoint Ref: VP24

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 Cordinate (ITM)	
Easting:	675886
Northing:	720531
Elevation:	193.2 m

Turbine Tip Height 1:	147.9m
Turbine Hub Height 1:	81.4m
Turbine Rotor Diameter 1:	133m

Turbine Tip Height 2:	100.5m
Turbine Hub Height 2:	133m
Turbine Rotor Diameter 2:	167m

Date and Time:	26/04/2024 14:00
Camera:	Canon 5D Mark II
Lens:	Fixed 50mm
Camera Height:	1.7m (AGL)

Direction (clockwise from Grid N):	342 °
Distance to Nearest Visible Turbine:	13.7 km
Nearest Turbine:	T2
Horizontal Field of View: 90 ° (cylindrical projection)	
Principal Distance:	522 mm

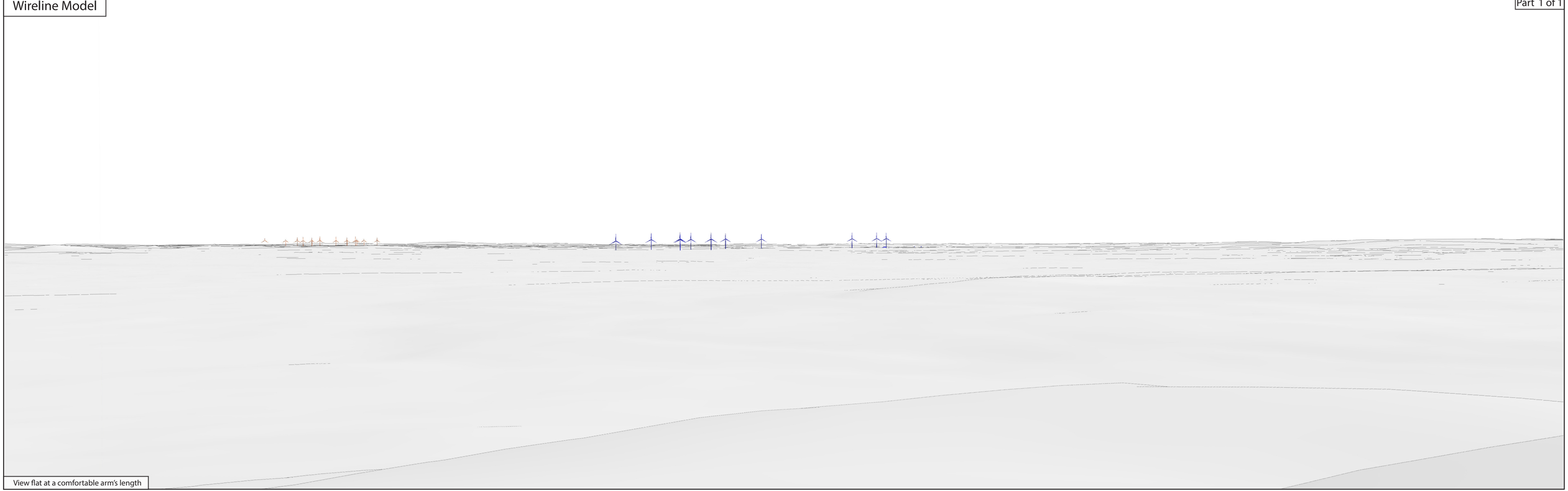
macroworks APEM Group

Hill of Allen - Tower

Viewpoint Ref: VP24

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:	675886
Northing:	720531
Elevation:	193.2 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:	26/04/2024 14:00
Camera:	Canon 5D Mark II
Lens:	Fixed 50mm
Camera Height:	1.7m (AGL)

Direction (clockwise from Grid N):	358 °
Distance to Nearest Visible Turbine:	13.7 km
Nearest Turbine:	T2

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Hill of Allen - Tower

Viewpoint Ref: VP24

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:	675886
Northing:	720531
Elevation:	193.2 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:	26/04/2024 14:00
Camera:	Canon 5D Mark II
Lens:	Fixed 50mm
Camera Height:	1.7m (AGL)

Direction (clockwise from Grid N):	358 °
Distance to Nearest Visible Turbine:	13.7 km
Nearest Turbine:	T2

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Drehid Wind Farm - Landscape and Visual Impact Assessment

Local road at Timahoe East

Viewpoint Ref: VP25

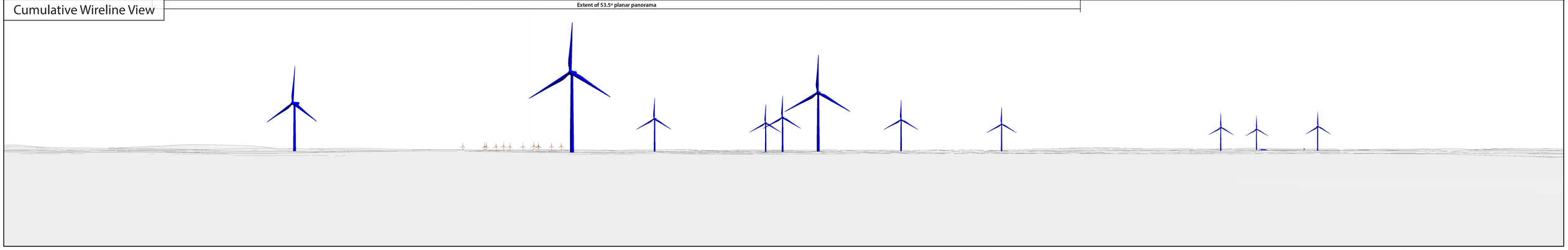
Baseline Photograph

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 Cordinate (ITM)
Easting: 674965
Northing: 732994
Elevation: 89.4 m

Turbine Tip Height 1: 147.9m
Turbine Hub Height 1: 81.4m
Turbine Rotor Diameter 1: 133m

Turbine Tip Height 2: 100.5m
Turbine Hub Height 2: 133m
Turbine Rotor Diameter 2: 167m

Date and Time: 26/04/2024 10:19
Camera: Canon 5D Mark II
Lens: Fixed 50mm
Camera Height: 1.7m (AGL)

Direction (clockwise from Grid N): 349 °
Distance to Nearest Visible Turbine: 1.3 km
Nearest Turbine: T2
Horizontal Field of View: 90 ° (cylindrical projection)
Principal Distance: 522 mm

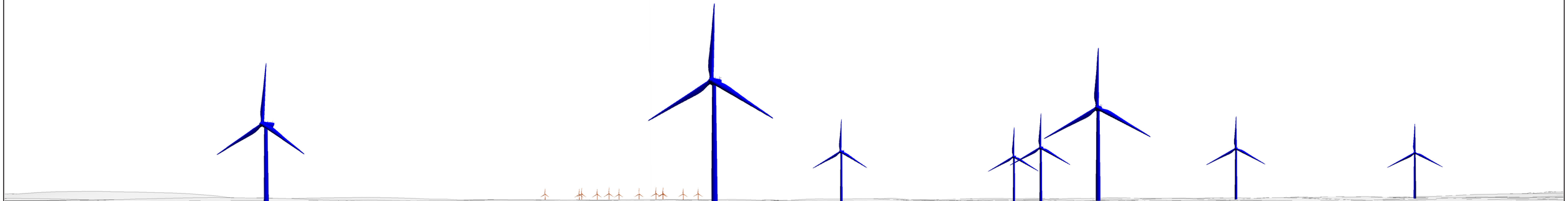
macroworks APEM Group

Local road at Timahoe East

Viewpoint Ref: VP25

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:	674965
Northing:	732994
Elevation:	89.4 m

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

Date and Time:	26/04/2024	10:19
Camera:		Canon 5D Mark II
Lens:		Fixed 50mm
Camera Height:		1.7m (AGL)

Direction (clockwise from Grid N):	339 °
Distance to Nearest Visible Turbine:	1.3 km
Nearest Turbine:	T2

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Local road at Timahoe East

Viewpoint Ref: VP25

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:	674965
Northing:	732994
Elevation:	89.4 m

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

Date and Time:	26/04/2024 10:19
Camera:	Canon 5D Mark II
Lens:	Fixed 50mm
Camera Height:	1.7m (AGL)

Direction (clockwise from Grid N):	339 °
Distance to Nearest Visible Turbine:	1.3 km
Nearest Turbine:	T2

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Drehid Wind Farm - Landscape and Visual Impact Assessment

Local road at Drehid

Viewpoint Ref: VP26

Baseline Photograph

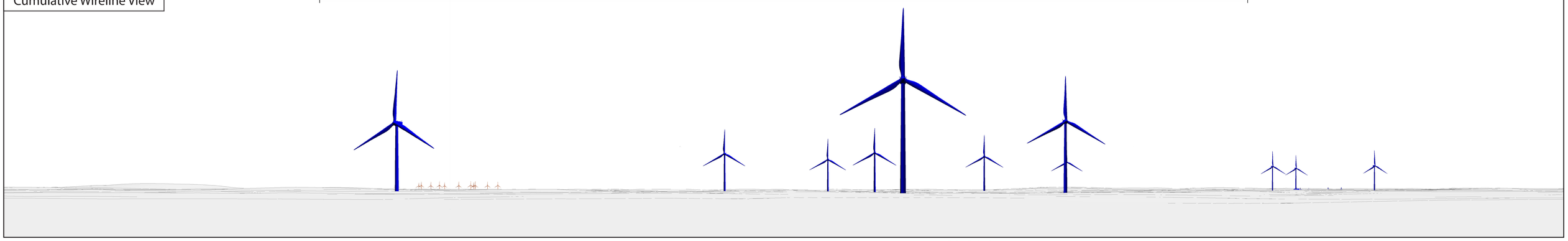
This image provides landscape and visual context only

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 Cordinate (ITM)	
Easting:	674446
Northing:	733267
Elevation:	89.8 m

Turbine Tip Height 1:	147.9m
Turbine Hub Height 1:	81.4m
Turbine Rotor Diameter 1:	133m

Turbine Tip Height 2:	100.5m
Turbine Hub Height 2:	133m
Turbine Rotor Diameter 2:	167m

Date and Time:	26/04/2024 10:07
Camera:	Canon 5D Mark II
Lens:	Fixed 50mm
Camera Height:	1.7m (AGL)

Direction (clockwise from Grid N):	353 °
Distance to Nearest Visible Turbine:	0.9 km
Nearest Turbine:	T2
Horizontal Field of View: 90 ° (cylindrical projection)	
Principal Distance:	522 mm

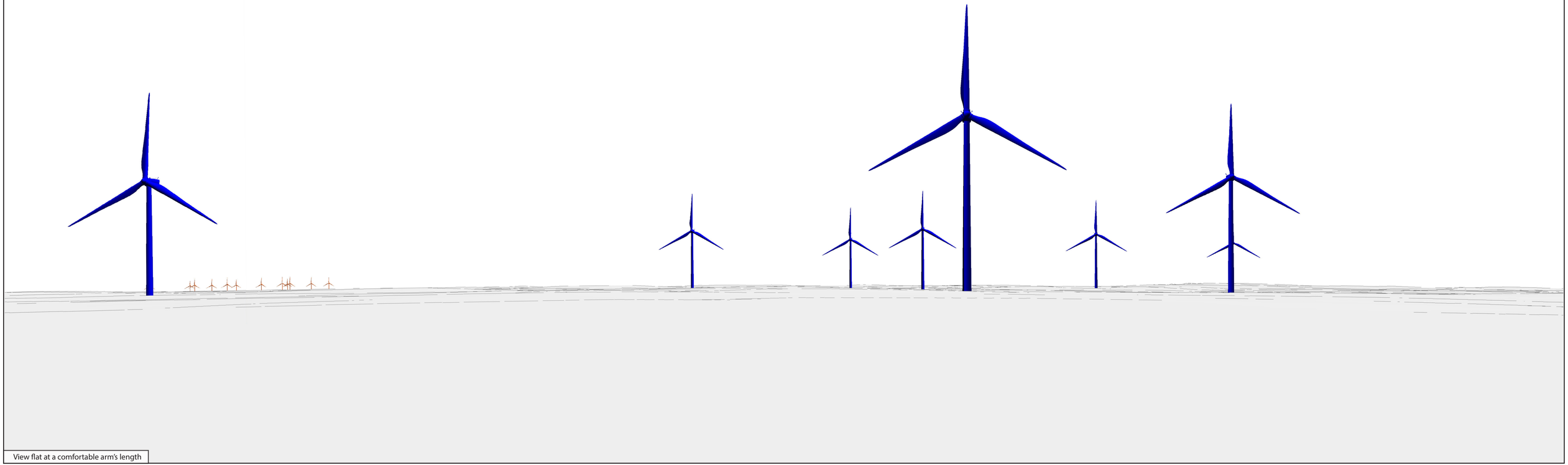
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Local road at Drehid

Viewpoint Ref: VP26

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:	674446
Northing:	733267
Elevation:	89.8 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:	26/04/2024 10:07
Camera:	Canon 5D Mark II
Lens:	Fixed 50mm
Camera Height:	1.7m (AGL)

Direction (clockwise from Grid N):	353 °
Distance to Nearest Visible Turbine:	0.9 km
Nearest Turbine:	T2

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Local road at Drehid

Viewpoint Ref: VP26

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:	674446
Northing:	733267
Elevation:	89.8 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:	26/04/2024	10:07
Camera:		Canon 5D Mark II
Lens:		Fixed 50mm
Camera Height:		1.7m (AGL)

Direction (clockwise from Grid N):	353 °
Distance to Nearest Visible Turbine:	0.9 km
Nearest Turbine:	T2

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Drehid Wind Farm - Landscape and Visual Impact Assessment

Local road at Drinnanstown North

Viewpoint Ref: VP27

Baseline Photograph

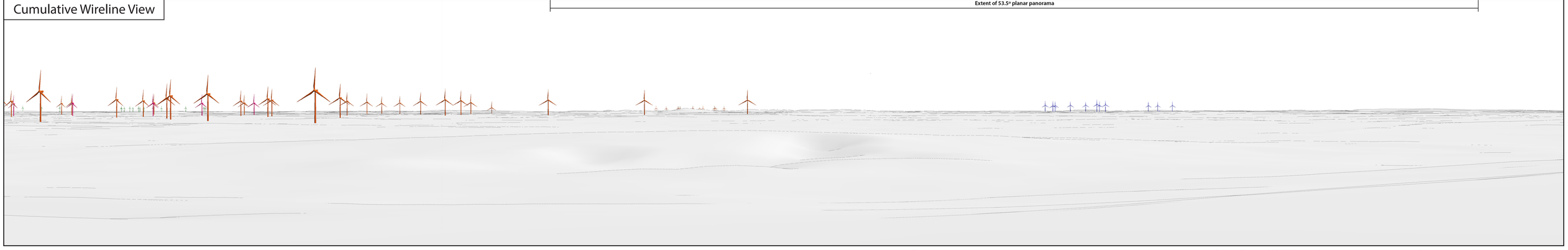
This image provides landscape and visual context only

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 Cordinate (ITM)	
Easting:	671576
Northing:	720375
Elevation:	125.5 m

Turbine Tip Height 1:	147.9m
Turbine Hub Height 1:	81.4m
Turbine Rotor Diameter 1:	133m

Turbine Tip Height 2:	100.5m
Turbine Hub Height 2:	133m
Turbine Rotor Diameter 2:	167m

Date and Time:	26/04/2024 13:04
Camera:	Canon 5D Mark II
Lens:	Fixed 50mm
Camera Height:	1.7m (AGL)

Direction (clockwise from Grid N):	354 °
Distance to Nearest Visible Turbine:	14.1 km
Nearest Turbine:	T2
Horizontal Field of View: 90 ° (cylindrical projection)	
Principal Distance:	522 mm

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Local road at Drinnanstown North

Viewpoint Ref: VP27

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:	671576
Northing:	720375
Elevation:	125.5 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:	26/04/2024	13:04
Camera:	Canon 5D Mark II	
Lens:	Fixed 50mm	
Camera Height:	1.7m (AGL)	

Direction (clockwise from Grid N):	7 °
Distance to Nearest Visible Turbine:	14.1 km
Nearest Turbine:	T2

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Local road at Drinnanstown North

Viewpoint Ref: VP27

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:	671576
Northing:	720375
Elevation:	125.5 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:	26/04/2024 13:04
Camera:	Canon 5D Mark II
Lens:	Fixed 50mm
Camera Height:	1.7m (AGL)

Direction (clockwise from Grid N):	7 °
Distance to Nearest Visible Turbine:	14.1 km
Nearest Turbine:	T2

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