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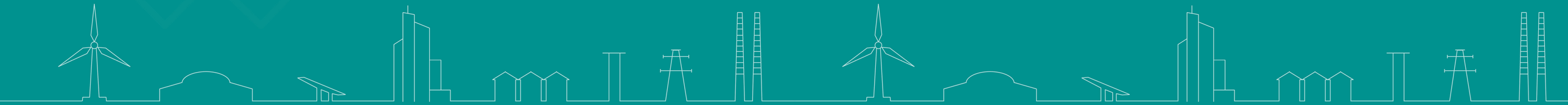
LVIA PHOTOMONTAGES

Gathabawn Wind Farm
Book 3: VP24 - VP37

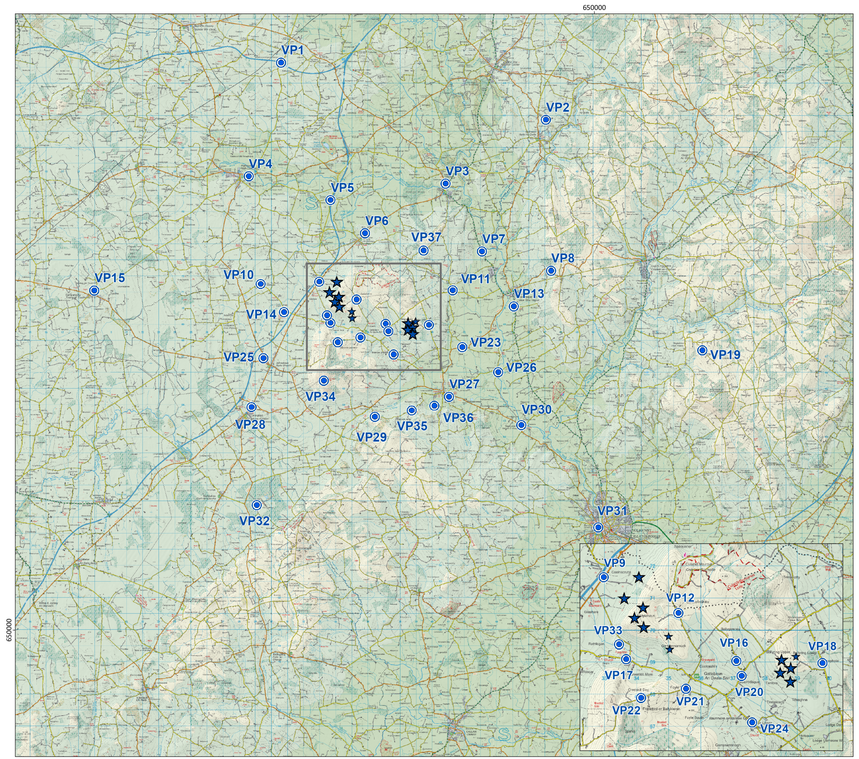
This book contains imagery for the viewpoints chosen for the LVIA study

September 2026



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

Index of Imagery



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Viewpoint Map

Legend

Viewpoints

Turbines

150m

170m



Credits

CYAL50467712 © Tailte Eireann – Surveying
Esri, Garmin, GEBCO, NOAA NGDC, and other contributors

Coordinate System:
IRENET95 Irish Transverse Mercator

0 5 10 km

Scale	Date	Drawn by	Checked by	Approved by
1:168,000 @A3	9/25/2026	LD	JP	CD

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VP24: L1804 at Balleen Lower
Page 1: Baseline (Contextual Wireline and Photo)
Page 2: Baseline (Contextual Wireline and Photo)
Page 3: Contextual Photomontage
Page 4: Wireline
Page 5: Photomontage
Page 6: Wireline
Page 7: Photomontage

VP25: Johnstown GAA Club
Page 1: Baseline (Contextual Wireline and Photo)
Page 2: Wireline
Page 3: Photomontage

VP26: L1818 at Lismaine Bridge
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VP27: St. Lachtain's GAA Club at Freshford
Page 1: Baseline (Contextual Wireline and Photo)
Page 2: Wireline
Page 3: Photomontage

VP28: R639 Regional Road at Urlingford
Page 1: Baseline (Contextual Wireline and Photo)
Page 2: Wireline
Page 3: Photomontage

VP29: L5000 at Kyleballynamoe
Page 1: Baseline (Contextual Wireline and Photo)
Page 2: Wireline
Page 3: Photomontage

VP30: L50104 at Threecastles
Page 1: Baseline (Contextual Wireline and Photo)
Page 2: Wireline
Page 3: Photomontage

VP31: St. Canice's Round Tower
Page 1: Baseline (Contextual Wireline and Photo)
Page 2: Wireline
Page 3: Photomontage

VP32: Kilcooley Abbey
Page 1: Baseline (Contextual Wireline and Photo)
*Please Note: The proposed wind farm is not visible from this viewpoint as it is completely screened by terrain

VP33: Rathlogan Moat Ringfort
Page 1: Baseline (Contextual Wireline and Photo)
Page 2: Baseline (Contextual Wireline and Photo)
Page 3: Contextual Photomontage
Page 4: Wireline
Page 5: Photomontage
Page 6: Wireline
Page 7: Photomontage

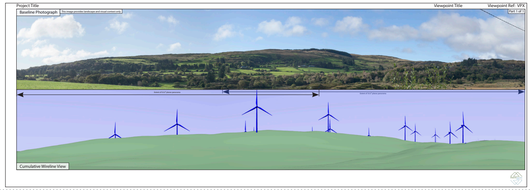
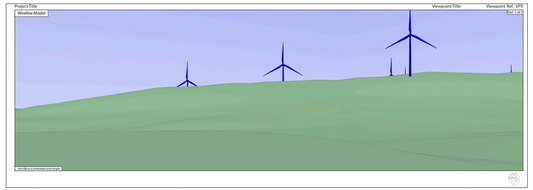
VP34: Clomatagh Hillfort
Page 1: Baseline (Contextual Wireline and Photo)
Page 2: Contextual Photomontage
Page 3: Wireline
Page 4: Photomontage
Page 5: Wireline
Page 6: Photomontage

VP35: Ballylarkin Church
Page 1: Baseline (Contextual Wireline and Photo)
Page 2: Wireline
Page 3: Photomontage

VP36: Upper Court House
Page 1: Baseline (Contextual Wireline and Photo)
Page 2: Wireline
Page 3: Photomontage

VP37: L5753 at Aharney
Page 1: Baseline (Contextual Wireline and Photo)
Page 2: Wireline
Page 3: Photomontage

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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L1804 at Balleen Lower

Viewpoint Ref: VP24a

Baseline Photograph

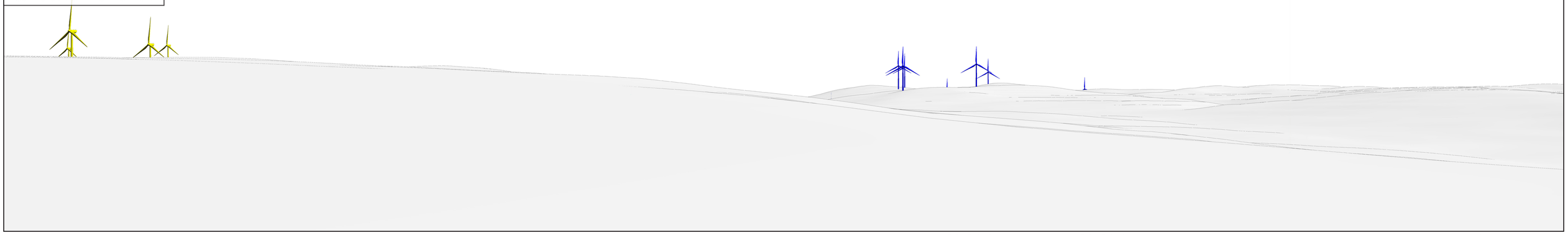
This image provides landscape and visual context only

Part 1 of 2



Cumulative Wireline View

Extent of 53.5° planar panorama (VP24a)



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 GathabawnTurbines | Existing Turbines | Permitted Turbines | In - Planning Turbines | Pre - Planning Turbines



National Grid Cordinate (ITM)	
Easting:	637541
Northing:	667166
Elevation:	152.14 m

Turbine Tip Height 1:	170m
Turbine Hub Height 1:	102m
Turbine Rotor Diameter 1:	136m

Turbine Tip Height 2:	150m
Turbine Hub Height 2:	82m
Turbine Rotor Diameter 2:	136m

Date and Time:	2026/07/08 14:09
Camera:	Canon 5D Mark II
Lens:	Fixed 50mm
Camera Height:	1.7m (AGL)

Direction (clockwise from Grid N):	312 °
Distance to Nearest Visible Turbine:	1.7 km
Nearest Turbine:	T11
Horizontal Field of View: 90 ° (cylindrical projection)	
Principal Distance:	522 mm

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Gathabawn Wind Farm - Landscape and Visual Impact Assessment

L1804 at Balleen Lower

Viewpoint Ref: VP24b

Baseline Photograph

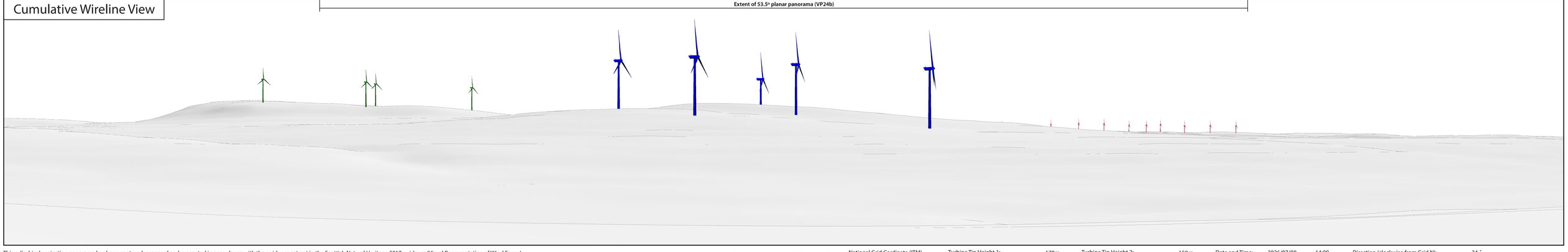
This image provides landscape and visual context only

Part 2 of 2



Cumulative Wireline View

Extent of 53.5° planar panorama (VP24b)



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 GathabawnTurbines | Existing Turbines | Permitted Turbines | In - Planning Turbines | Pre - Planning Turbines



National Grid Cordinate (ITM)	
Easting:	637541
Northing:	667166
Elevation:	152.14 m

Turbine Tip Height 1:	170m
Turbine Hub Height 1:	102m
Turbine Rotor Diameter 1:	136m

Turbine Tip Height 2:	150m
Turbine Hub Height 2:	82m
Turbine Rotor Diameter 2:	136m

Date and Time:	2026/07/08 14:09
Camera:	Canon 5D Mark II
Lens:	Fixed 50mm
Camera Height:	1.7m (AGL)

Direction (clockwise from Grid N):	34 °
Distance to Nearest Visible Turbine:	1.7 km
Nearest Turbine:	T11
Horizontal Field of View: 90 ° (cylindrical projection)	
Principal Distance:	522 mm

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Contextual Photomontage

Part 1 of 1



Extent of 53.5° planar panorama (VP24a)

Extent of 90° cylindrical panorama (VP24a)

Extent of 53.5° planar panorama (VP24b)

Extent of 90° cylindrical panorama (VP24b)



National Grid Cordinate (ITM)
Easting: 637541
Northing: 667166
Elevation: 152.14m

Horizontal Field of View: 180 ° (cylindrical projection)
Turbine Tip Height 1: 170m
Turbine Hub Height 1: 102m
Turbine Rotor Diameter 1: 136m
Turbine Tip Height 2: 150m
Turbine Hub Height 2: 82m
Turbine Rotor Diameter 2: 136m

Date and Time: 08/07/2026 14:09
Camera: Canon 5D Mark II
Lens: Fixed 50mm
Camera Height: 1.7m (AGL)

Direction (clockwise from Grid N): 353 °
Distance to Nearest Visible Turbine: 1.7 km
Nearest Turbine: T11

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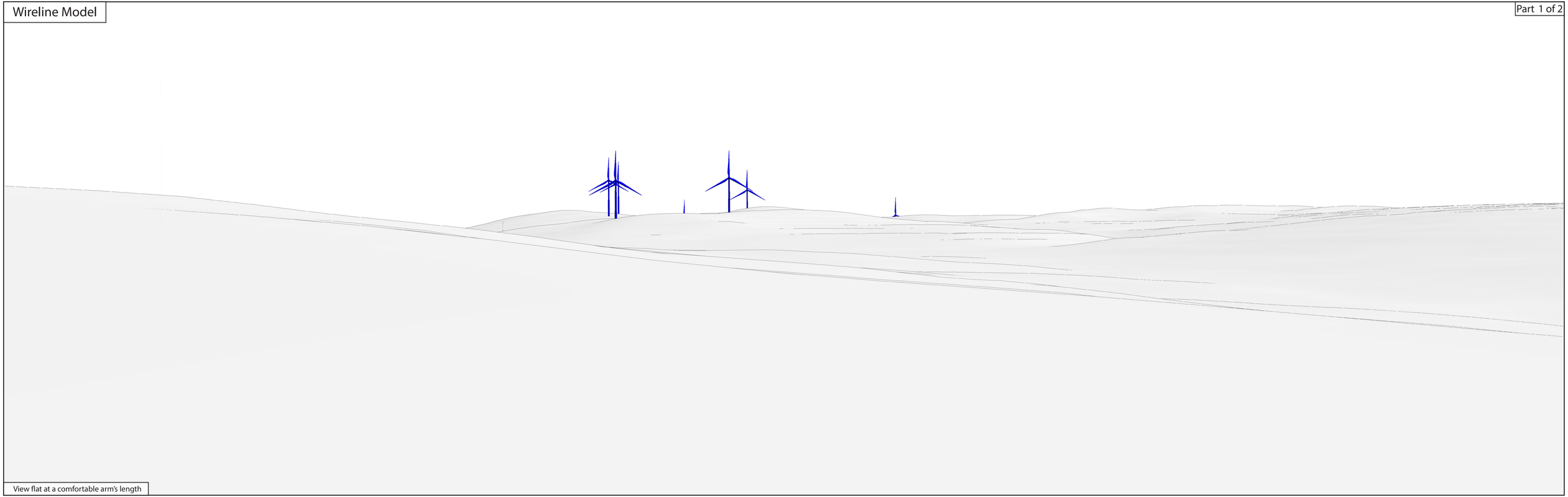
Wireline Model

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 GathabawnTurbines | Existing Turbines | Permitted Turbines | In - Planning Turbines | Pre - Planning Turbines



National Grid Cordinate (ITM)	
Easting:	637541
Northing:	667166
Elevation:	152.14 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:	08/07/2026 14:09
Camera:	Canon 5D Mark II
Lens:	Fixed 50mm
Camera Height:	1.7m (AGL)

Direction (clockwise from Grid N):	312 °
Distance to Nearest Visible Turbine:	1.7 km
Nearest Turbine:	T11

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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:	637541
Northing:	667166
Elevation:	152.14 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:	08/07/2026 14:09
Camera:	Canon 5D Mark II
Lens:	Fixed 50mm
Camera Height:	1.7m (AGL)

Direction (clockwise from Grid N):	312 °
Distance to Nearest Visible Turbine:	1.7 km
Nearest Turbine:	T11

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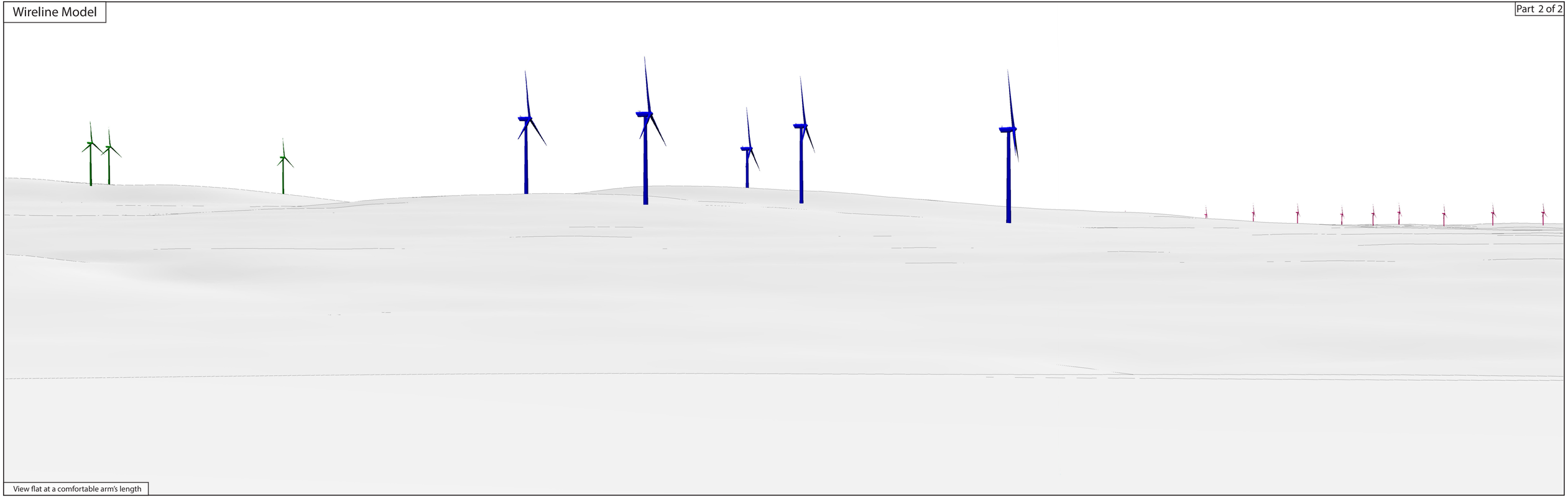
Wireline Model

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 GathabawnTurbines | Existing Turbines | Permitted Turbines | In - Planning Turbines | Pre - Planning Turbines



National Grid Cordinate (ITM)	
Easting:	637541
Northing:	667166
Elevation:	152.14 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:	08/07/2026 14:09
Camera:	Canon 5D Mark II
Lens:	Fixed 50mm
Camera Height:	1.7m (AGL)

Direction (clockwise from Grid N):	34 °
Distance to Nearest Visible Turbine:	1.7 km
Nearest Turbine:	T11

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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:	637541
Northing:	667166
Elevation:	152.14 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:	08/07/2026 14:09
Camera:	Canon 5D Mark II
Lens:	Fixed 50mm
Camera Height:	1.7m (AGL)

Direction (clockwise from Grid N):	34 °
Distance to Nearest Visible Turbine:	1.7 km
Nearest Turbine:	T11

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Johnstown GAA Club

Viewpoint Ref: VP25

Baseline Photograph

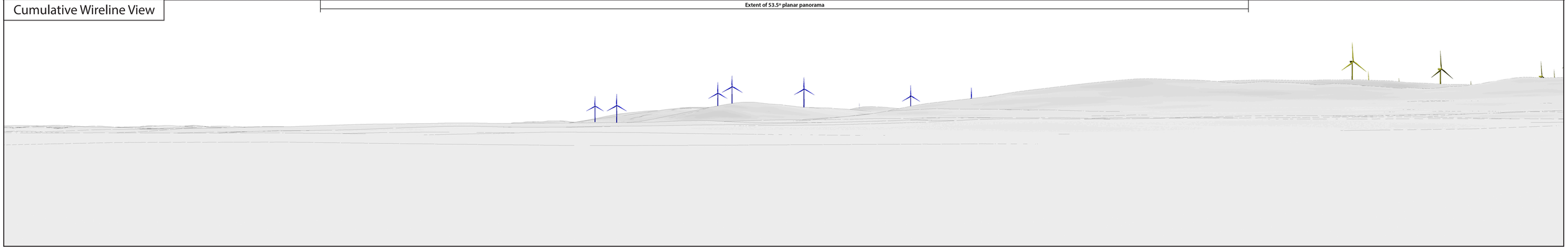
This image provides landscape and visual context only

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 GathabawnTurbines | Existing Turbines | Permitted Turbines | In - Planning Turbines | Pre - Planning Turbines



National Grid Cordinate (ITM)	
Easting:	629444
Northing:	666943
Elevation:	135.44 m

Turbine Tip Height 1:	170m
Turbine Hub Height 1:	102m
Turbine Rotor Diameter 1:	136m

Turbine Tip Height 2:	150m
Turbine Hub Height 2:	82m
Turbine Rotor Diameter 2:	136m

Date and Time:	2026/07/09 13:55
Camera:	Canon 5D Mark II
Lens:	Fixed 50mm
Camera Height:	1.7m (AGL)

Direction (clockwise from Grid N):	55 °
Distance to Nearest Visible Turbine:	5.6 km
Nearest Turbine:	T4
Horizontal Field of View: 90 ° (cylindrical projection)	
Principal Distance:	522 mm

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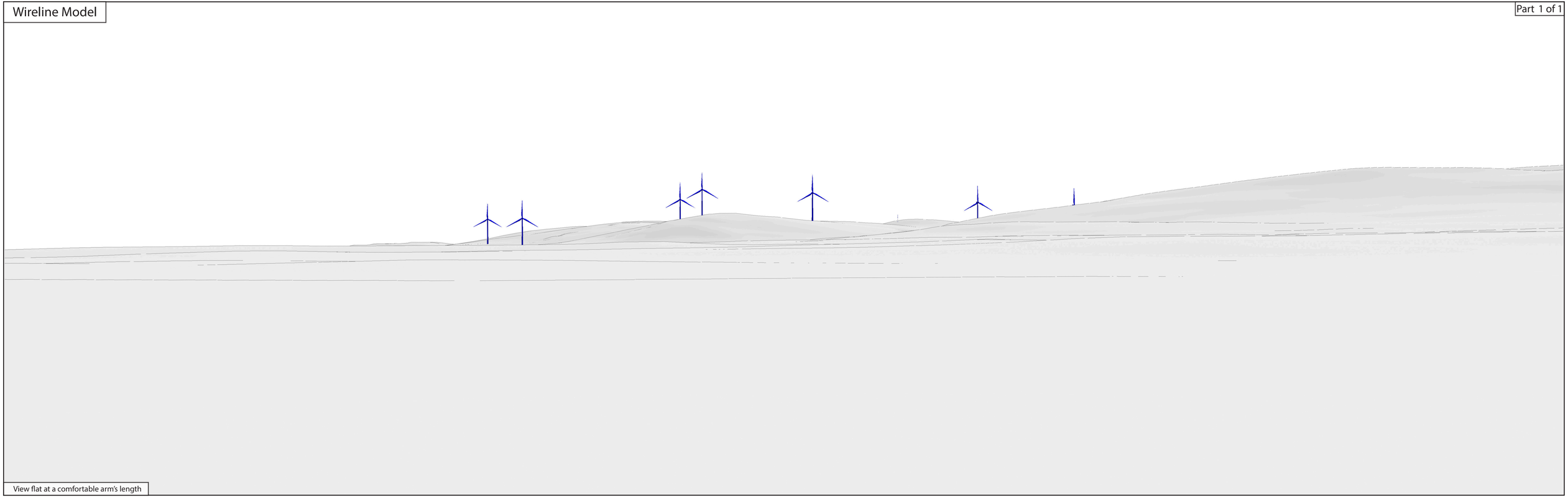
Johnstown GAA Club

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 GathabawnTurbines | Existing Turbines | Permitted Turbines | In - Planning Turbines | Pre - Planning Turbines



National Grid Cordinate (ITM)	
Easting:	629444
Northing:	666943
Elevation:	135.44 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:	09/07/2026 13:55
Camera:	Canon 5D Mark II
Lens:	Fixed 50mm
Camera Height:	1.7m (AGL)

Direction (clockwise from Grid N):	55 °
Distance to Nearest Visible Turbine:	5.6 km
Nearest Turbine:	T4

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Johnstown GAA Club

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:	629444
Northing:	666943
Elevation:	135.44 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:	09/07/2026 13:55
Camera:	Canon 5D Mark II
Lens:	Fixed 50mm
Camera Height:	1.7m (AGL)

Direction (clockwise from Grid N):	55 °
Distance to Nearest Visible Turbine:	5.6 km
Nearest Turbine:	T4

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L1818 at Lismaine Bridge

Viewpoint Ref: VP26

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 GathabawnTurbines | Existing Turbines | Permitted Turbines | In - Planning Turbines | Pre - Planning Turbines



National Grid Cordinate (ITM)	
Easting:	644049
Northing:	666057
Elevation:	60.97 m

Turbine Tip Height 1:	170m
Turbine Hub Height 1:	102m
Turbine Rotor Diameter 1:	136m

Turbine Tip Height 2:	150m
Turbine Hub Height 2:	82m
Turbine Rotor Diameter 2:	136m

Date and Time:	2026/07/08 12:45
Camera:	Canon 5D Mark II
Lens:	Fixed 50mm
Camera Height:	1.7m (AGL)

Direction (clockwise from Grid N):	323 °
Distance to Nearest Visible Turbine:	5.8 km
Nearest Turbine:	T12
Horizontal Field of View: 90 ° (cylindrical projection)	
Principal Distance:	522 mm

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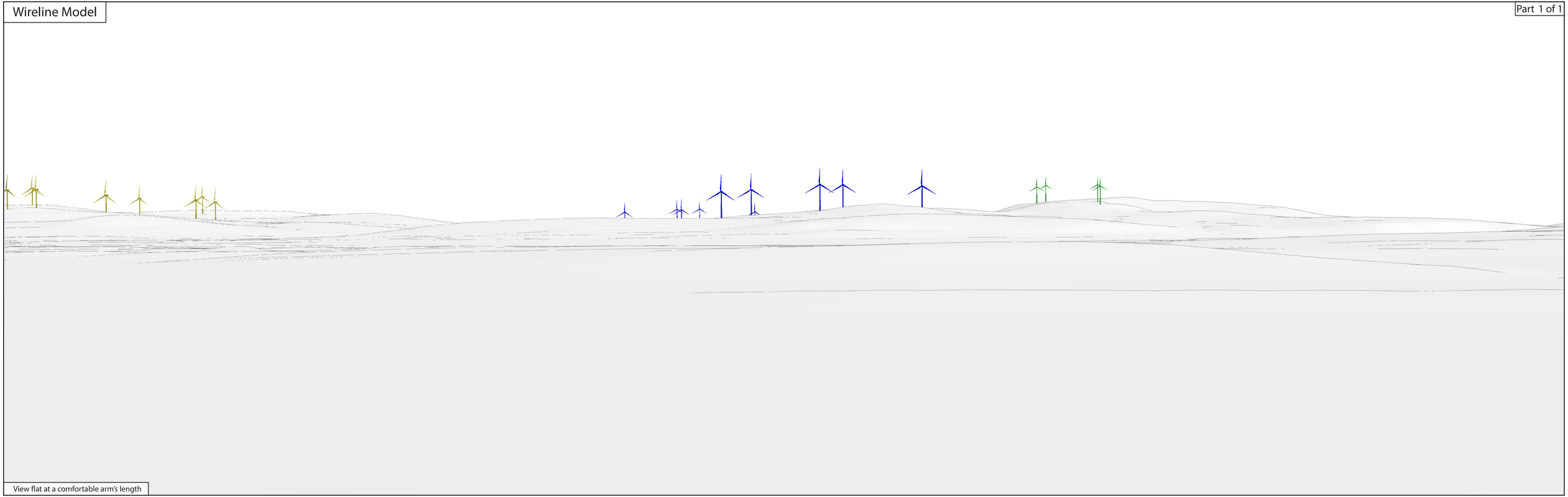
Wireline Model

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 GathabawnTurbines | Existing Turbines | Permitted Turbines | In - Planning Turbines | Pre - Planning Turbines



National Grid Cordinate (ITM)	
Easting:	644049
Northing:	666057
Elevation:	60.97 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:	08/07/2026 12:45
Camera:	Canon 5D Mark II
Lens:	Fixed 50mm
Camera Height:	1.7m (AGL)

Direction (clockwise from Grid N):	305 °
Distance to Nearest Visible Turbine:	5.8 km
Nearest Turbine:	T12

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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:	644049
Northing:	666057
Elevation:	60.97 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:	08/07/2026 12:45
Camera:	Canon 5D Mark II
Lens:	Fixed 50mm
Camera Height:	1.7m (AGL)

Direction (clockwise from Grid N):	305 °
Distance to Nearest Visible Turbine:	5.8 km
Nearest Turbine:	T12

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St. Lachtain's GAA Club at Freshford

Viewpoint Ref: VP27

Baseline Photograph

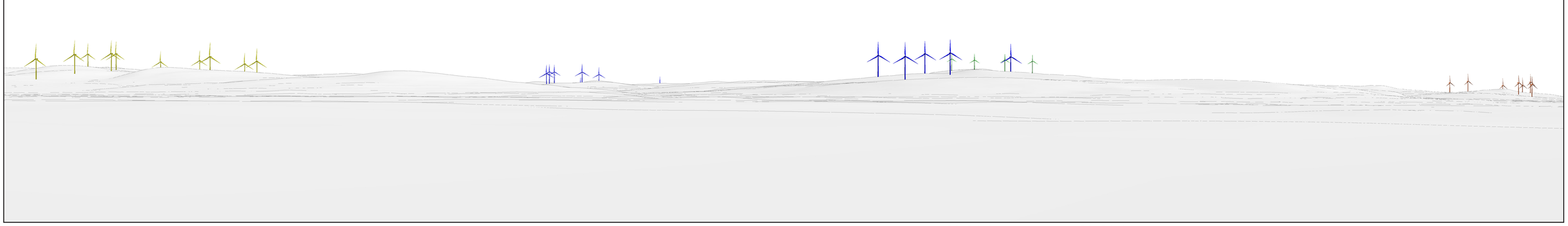
This image provides landscape and visual context only

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 GathabawnTurbines | Existing Turbines | Permitted Turbines | In - Planning Turbines | Pre - Planning Turbines



National Grid Cordinate (ITM)	
Easting:	640995
Northing:	664543
Elevation:	74.90 m

Turbine Tip Height 1:	170m
Turbine Hub Height 1:	102m
Turbine Rotor Diameter 1:	136m

Turbine Tip Height 2:	150m
Turbine Hub Height 2:	82m
Turbine Rotor Diameter 2:	136m

Date and Time:	2026/07/08 13:26
Camera:	Canon 5D Mark II
Lens:	Fixed 50mm
Camera Height:	1.7m (AGL)

Direction (clockwise from Grid N):	323 °
Distance to Nearest Visible Turbine:	4.5 km
Nearest Turbine:	T12
Horizontal Field of View: 90 ° (cylindrical projection)	
Principal Distance:	522 mm

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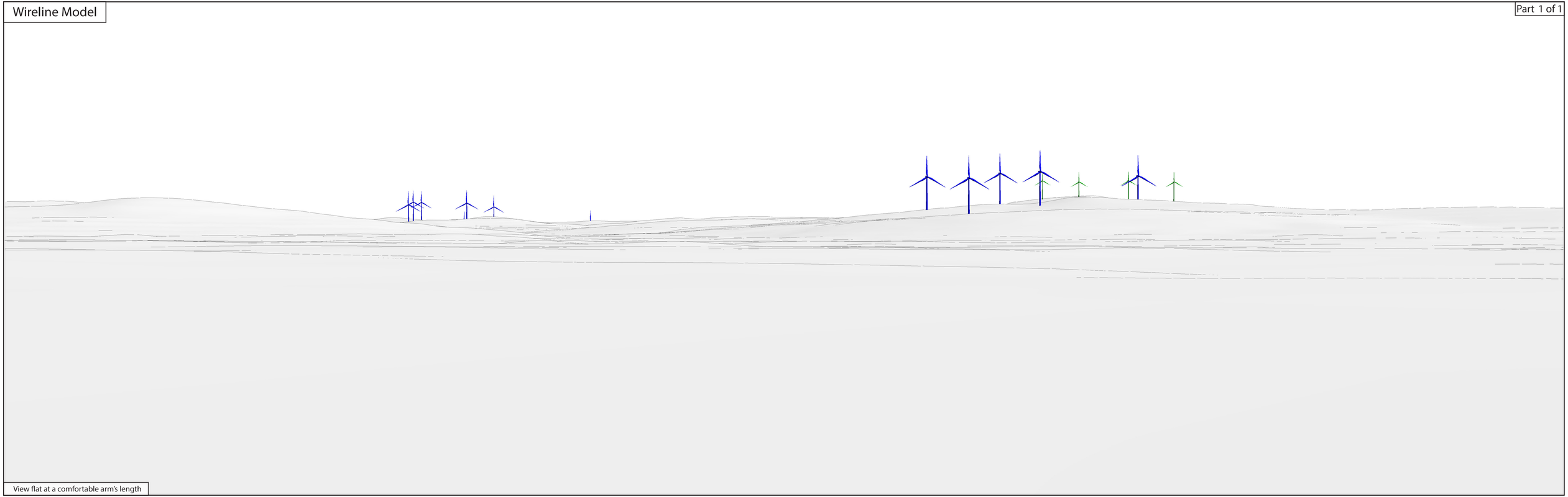
St. Lachtain's GAA Club at Freshford

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 GathabawnTurbines | Existing Turbines | Permitted Turbines | In - Planning Turbines | Pre - Planning Turbines



National Grid Cordinate (ITM)	
Easting:	640995
Northing:	664543
Elevation:	74.9 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:	08/07/2026 13:26
Camera:	Canon 5D Mark II
Lens:	Fixed 50mm
Camera Height:	1.7m (AGL)

Direction (clockwise from Grid N):	323 °
Distance to Nearest Visible Turbine:	4.5 km
Nearest Turbine:	T12

macroworks APEM Group

St. Lachtain's GAA Club at Freshford

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:	640995
Northing:	664543
Elevation:	74.9 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:	08/07/2026 13:26
Camera:	Canon 5D Mark II
Lens:	Fixed 50mm
Camera Height:	1.7m (AGL)

Direction (clockwise from Grid N):	323 °
Distance to Nearest Visible Turbine:	4.5 km
Nearest Turbine:	T12

macroworks APEM Group

R639 Regional Road at Urlingford

Viewpoint Ref: VP28

Baseline Photograph

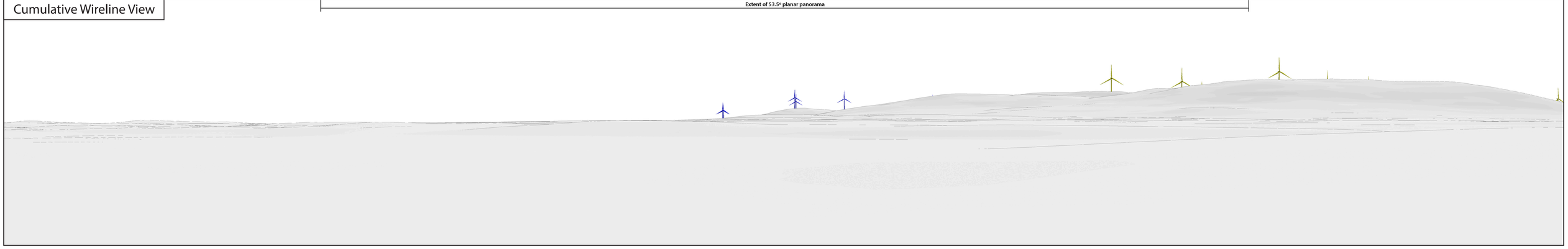
This image provides landscape and visual context only

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 GathabawnTurbines | Existing Turbines | Permitted Turbines | In - Planning Turbines | Pre - Planning Turbines



National Grid Cordinate (ITM)	
Easting:	628710
Northing:	663898
Elevation:	124.27 m

Turbine Tip Height 1:	170m
Turbine Hub Height 1:	102m
Turbine Rotor Diameter 1:	136m

Turbine Tip Height 2:	150m
Turbine Hub Height 2:	82m
Turbine Rotor Diameter 2:	136m

Date and Time:	2026/07/09 13:37
Camera:	Canon 5D Mark II
Lens:	Fixed 50mm
Camera Height:	1.7m (AGL)

Direction (clockwise from Grid N):	38 °
Distance to Nearest Visible Turbine:	8.3 km
Nearest Turbine:	T5
Horizontal Field of View: 90 ° (cylindrical projection)	
Principal Distance:	522 mm

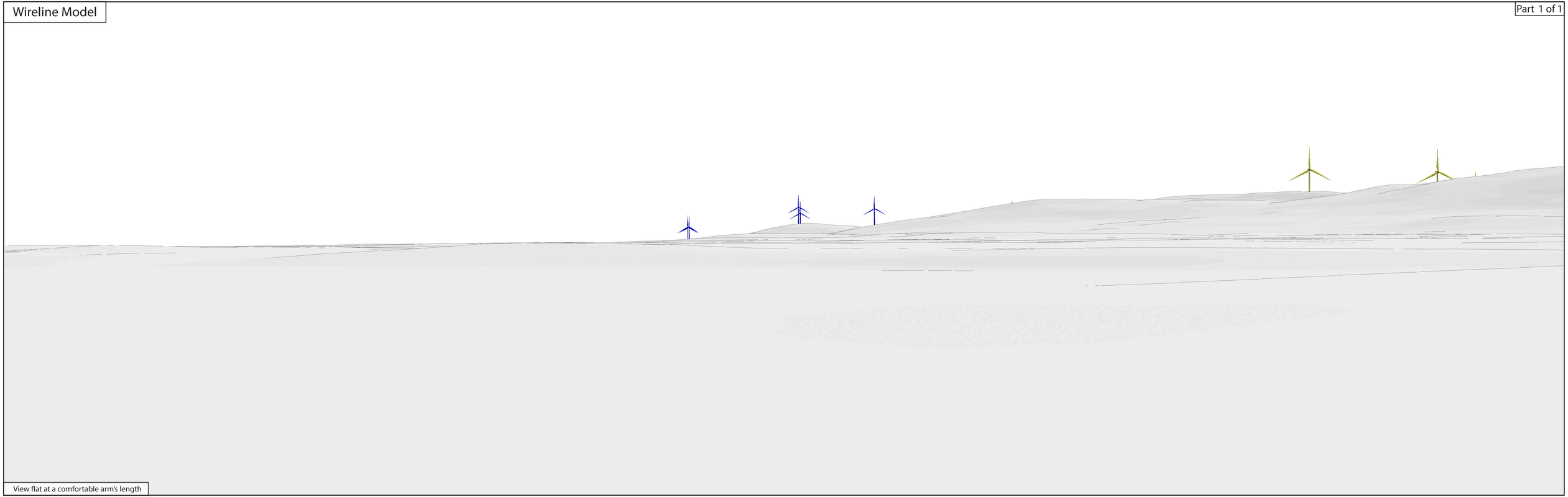
macroworks APEM Group

R639 Regional Road at Urlingford

Viewpoint Ref: VP28

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 GathabawnTurbines | Existing Turbines | Permitted Turbines | In - Planning Turbines | Pre - Planning Turbines



National Grid Cordinate (ITM)	
Easting:	628710
Northing:	663898
Elevation:	124.27 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:	09/07/2026 13:37
Camera:	Canon 5D Mark II
Lens:	Fixed 50mm
Camera Height:	1.7m (AGL)

Direction (clockwise from Grid N):	38 °
Distance to Nearest Visible Turbine:	8.3 km
Nearest Turbine:	T5

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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:	628710
Northing:	663898
Elevation:	124.27 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:	09/07/2026 13:37
Camera:	Canon 5D Mark II
Lens:	Fixed 50mm
Camera Height:	1.7m (AGL)

Direction (clockwise from Grid N):	38 °
Distance to Nearest Visible Turbine:	8.3 km
Nearest Turbine:	T5

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Gathabawn Wind Farm - Landscape and Visual Impact Assessment

L5000 at Kyleballynamoe

Viewpoint Ref: VP29

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 GathabawnTurbines | Existing Turbines | Permitted Turbines | In - Planning Turbines | Pre - Planning Turbines



National Grid Cordinate (ITM)	
Easting:	636376
Northing:	663281
Elevation:	159.02 m

Turbine Tip Height 1:	170m
Turbine Hub Height 1:	102m
Turbine Rotor Diameter 1:	136m

Turbine Tip Height 2:	150m
Turbine Hub Height 2:	82m
Turbine Rotor Diameter 2:	136m

Date and Time:	2026/09/17 12:16
Camera:	Canon 5D Mark II
Lens:	Fixed 50mm
Camera Height:	1.7m (AGL)

Direction (clockwise from Grid N):	9 °
Distance to Nearest Visible Turbine:	5.7 km
Nearest Turbine:	T12
Horizontal Field of View: 90 ° (cylindrical projection)	
Principal Distance:	522 mm

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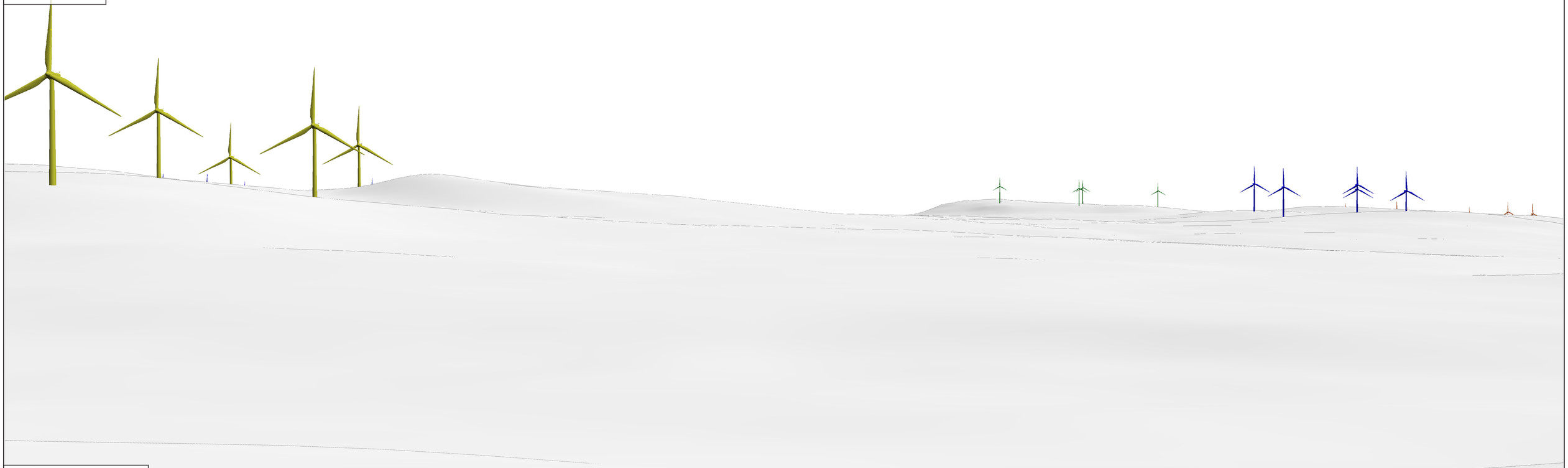
L5000 at Kyleballynamoe

Viewpoint Ref: VP29

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 GathabawnTurbines | Existing Turbines | Permitted Turbines | In - Planning Turbines | Pre - Planning Turbines



National Grid Cordinate (ITM)	
Easting:	636376
Northing:	663281
Elevation:	159.02 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:	17/09/2026 12:16
Camera:	Canon 5D Mark II
Lens:	Fixed 50mm
Camera Height:	1.7m (AGL)

Direction (clockwise from Grid N):	2 °
Distance to Nearest Visible Turbine:	5.7 km
Nearest Turbine:	T12

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:	636376
Northing:	663281
Elevation:	159.02 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:	17/09/2026 12:16
Camera:	Canon 5D Mark II
Lens:	Fixed 50mm
Camera Height:	1.7m (AGL)

Direction (clockwise from Grid N):	2 °
Distance to Nearest Visible Turbine:	5.7 km
Nearest Turbine:	T12

macroworks APEM Group

Baseline Photograph

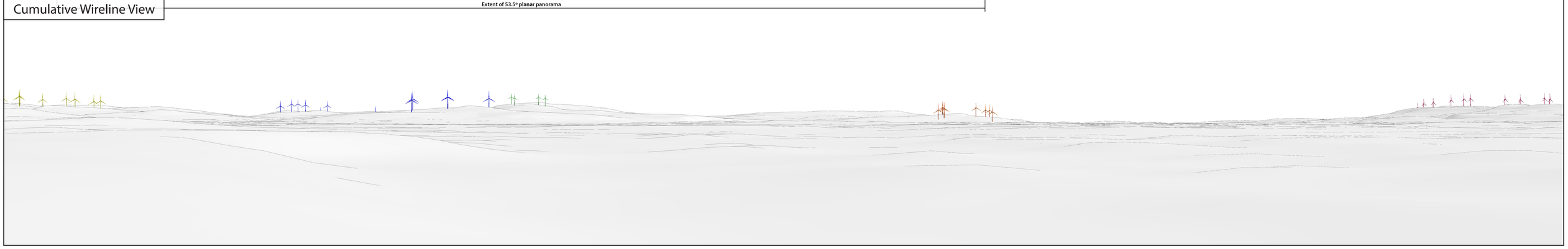
This image provides landscape and visual context only

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 GathabawnTurbines | Existing Turbines | Permitted Turbines | In - Planning Turbines | Pre - Planning Turbines



National Grid Cordinate (ITM)	
Easting:	645483
Northing:	662772
Elevation:	63.03 m

Turbine Tip Height 1:	170m
Turbine Hub Height 1:	102m
Turbine Rotor Diameter 1:	136m

Turbine Tip Height 2:	150m
Turbine Hub Height 2:	82m
Turbine Rotor Diameter 2:	136m

Date and Time:	2026/07/08 13:07
Camera:	Canon 5D Mark II
Lens:	Fixed 50mm
Camera Height:	1.7m (AGL)

Direction (clockwise from Grid N):	335 °
Distance to Nearest Visible Turbine:	8.8 km
Nearest Turbine:	T12
Horizontal Field of View: 90 ° (cylindrical projection)	
Principal Distance:	522 mm

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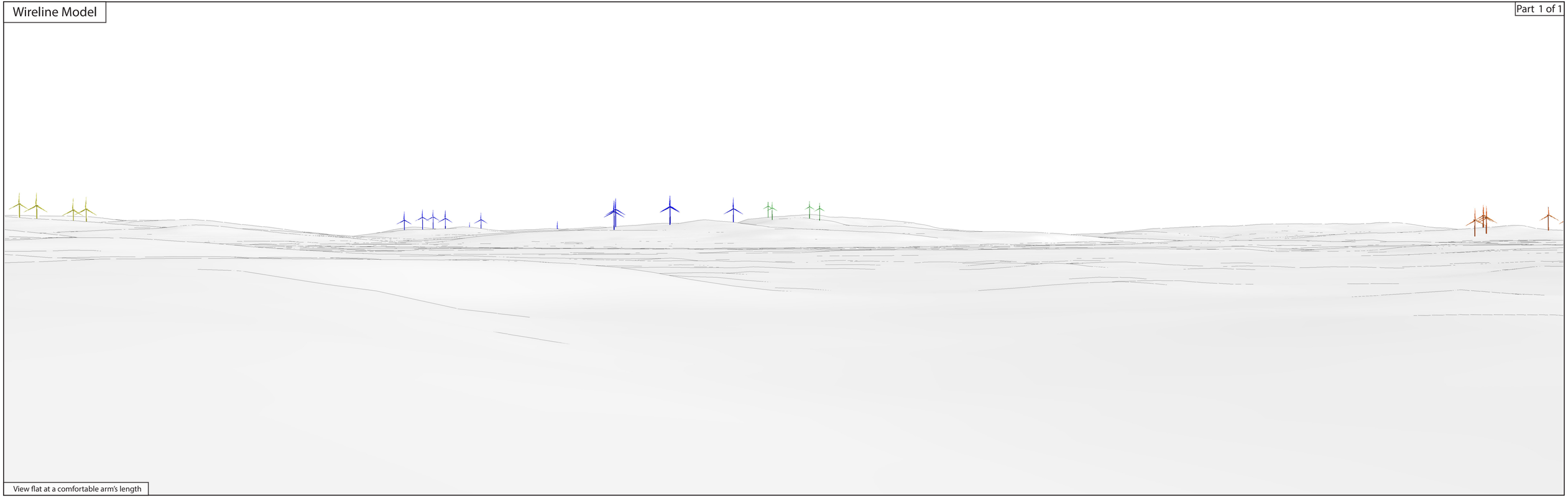
Wireline Model

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 GathabawnTurbines | Existing Turbines | Permitted Turbines | In - Planning Turbines | Pre - Planning Turbines



National Grid Cordinate (ITM)	
Easting:	645483
Northing:	662772
Elevation:	63.03 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:	08/07/2026 13:07
Camera:	Canon 5D Mark II
Lens:	Fixed 50mm
Camera Height:	1.7m (AGL)

Direction (clockwise from Grid N):	318 °
Distance to Nearest Visible Turbine:	8.8 km
Nearest Turbine:	T12

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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:	645483
Northing:	662772
Elevation:	63.03 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:	08/07/2026 13:07
Camera:	Canon 5D Mark II
Lens:	Fixed 50mm
Camera Height:	1.7m (AGL)

Direction (clockwise from Grid N):	318 °
Distance to Nearest Visible Turbine:	8.8 km
Nearest Turbine:	T12

macroworks APEM Group

St. Canice's Round Tower

Viewpoint Ref: VP31

Baseline Photograph

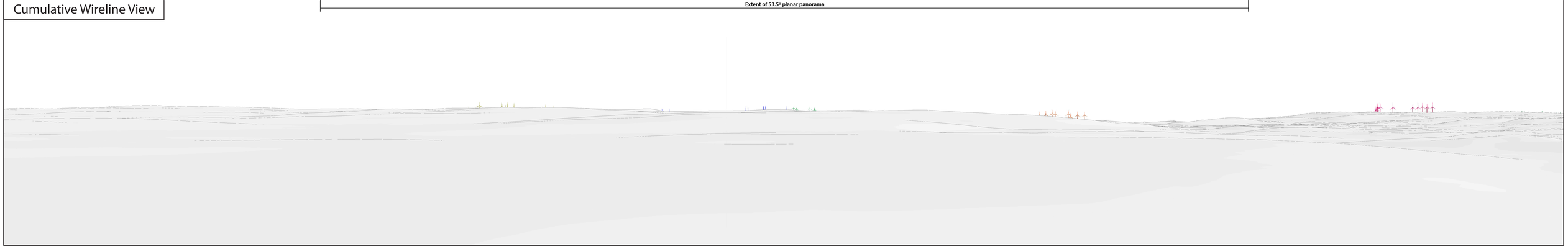
This image provides landscape and visual context only

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 GathabawnTurbines | Existing Turbines | Permitted Turbines | In - Planning Turbines | Pre - Planning Turbines



National Grid Cordinate (ITM)	
Easting:	650257
Northing:	656406
Elevation:	56.08 m

Turbine Tip Height 1:	170m
Turbine Hub Height 1:	102m
Turbine Rotor Diameter 1:	136m

Turbine Tip Height 2:	150m
Turbine Hub Height 2:	82m
Turbine Rotor Diameter 2:	136m

Date and Time:	2019/06/18 10:24
Camera:	Canon 5D Mark II
Lens:	Fixed 50mm
Camera Height:	1.7m (AGL)

Direction (clockwise from Grid N):	318 °
Distance to Nearest Visible Turbine:	16.7 km
Nearest Turbine:	T12
Horizontal Field of View: 90 ° (cylindrical projection)	
Principal Distance:	522 mm

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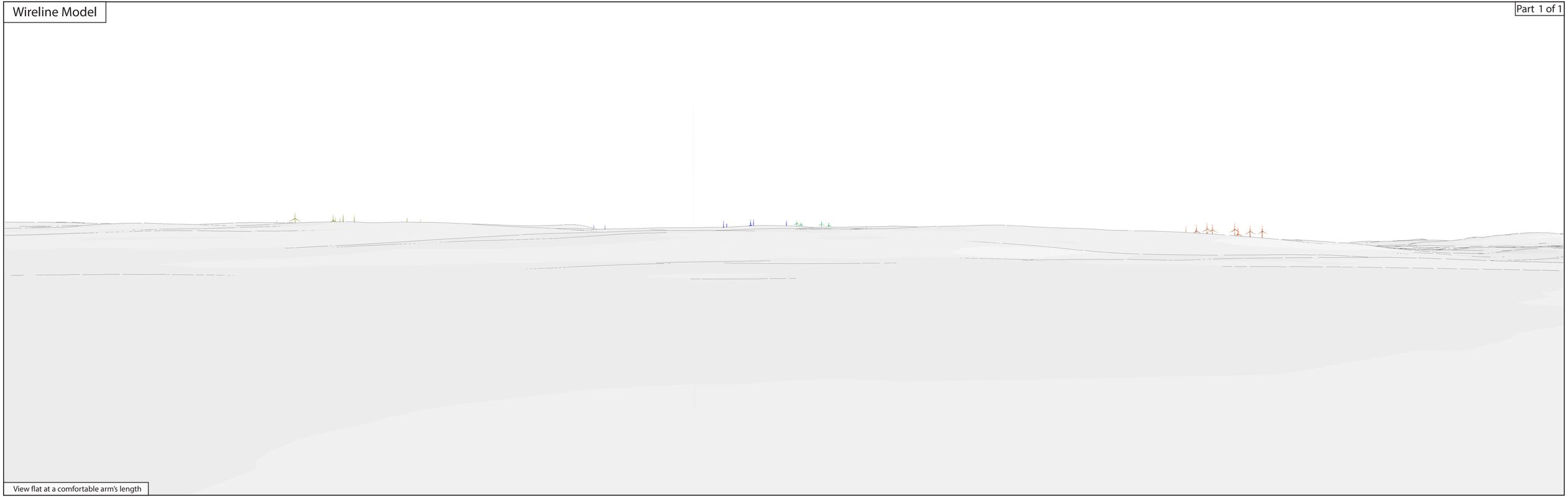
St. Canice's Round Tower

Viewpoint Ref: VP31

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 GathabawnTurbines | Existing Turbines | Permitted Turbines | In - Planning Turbines | Pre - Planning Turbines



National Grid Cordinate (ITM)	
Easting:	650257
Northing:	656406
Elevation:	56.08 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:	18/06/2019 10:24
Camera:	Canon 5D Mark II
Lens:	Fixed 50mm
Camera Height:	1.7m (AGL)

Direction (clockwise from Grid N):	318 °
Distance to Nearest Visible Turbine:	16.7 km
Nearest Turbine:	T12

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St. Canice's Round Tower

Viewpoint Ref: VP31

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:	650257
Northing:	656406
Elevation:	56.08 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:	18/06/2019 10:24
Camera:	Canon 5D Mark II
Lens:	Fixed 50mm
Camera Height:	1.7m (AGL)

Direction (clockwise from Grid N):	318 °
Distance to Nearest Visible Turbine:	16.7 km
Nearest Turbine:	T12

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Gathabawn Wind Farm - Landscape and Visual Impact Assessment

Kilcooley Abbey

Viewpoint Ref: VP32

Baseline Photograph

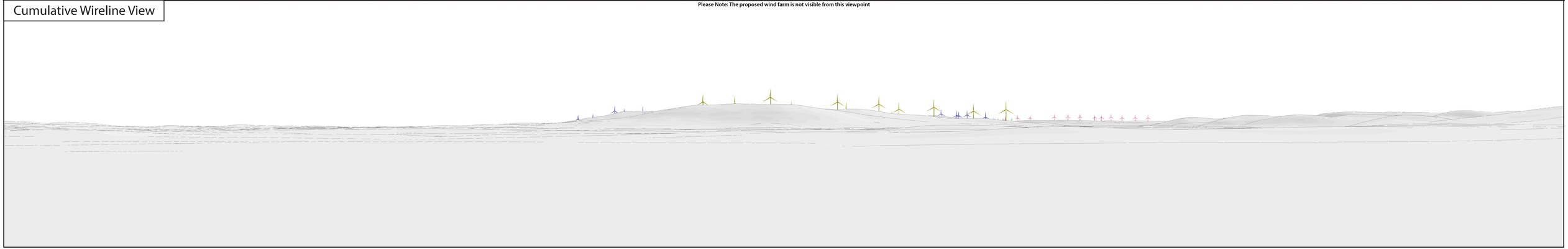
This image provides landscape and visual context only

Part 1 of 1



Cumulative Wireline View

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



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

Proposed GathabawnTurbines | Existing Turbines | Permitted Turbines | In - Planning Turbines | Pre - Planning Turbines



National Grid Cordinate (ITM)	
Easting:	629037
Northing:	657800
Elevation:	144.11 m

Turbine Tip Height 1:	170m
Turbine Hub Height 1:	102m
Turbine Rotor Diameter 1:	136m

Turbine Tip Height 2:	150m
Turbine Hub Height 2:	82m
Turbine Rotor Diameter 2:	136m

Date and Time:	2021/09/24 10:38
Camera:	Canon 5D Mark II
Lens:	Fixed 50mm
Camera Height:	1.7m (AGL)

Direction (clockwise from Grid N):	31 °
Distance to Nearest Visible Turbine:	13.1 km
Nearest Turbine:	T6
Horizontal Field of View: 90 ° (cylindrical projection)	
Principal Distance:	522 mm

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Rathlogan Moat Ringfort

Viewpoint Ref: VP33a

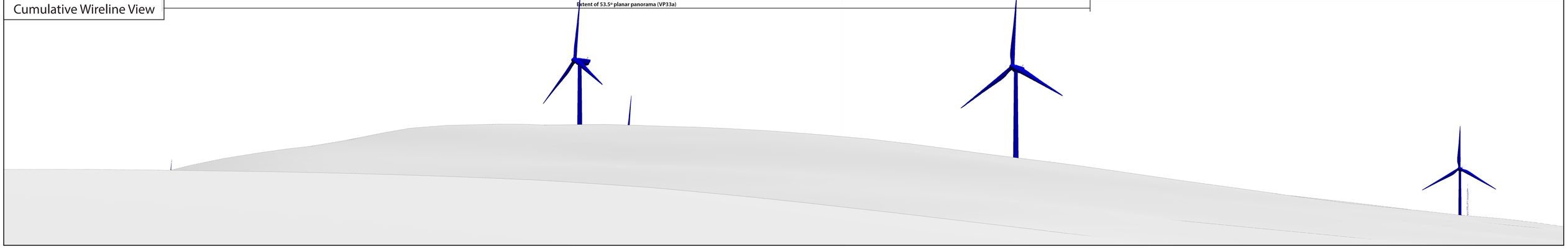
Baseline Photograph

This image provides landscape and visual context only

Part 1 of 2



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 GathabawnTurbines | Existing Turbines | Permitted Turbines | In - Planning Turbines | Pre - Planning Turbines



National Grid Cordinate (ITM)	
Easting:	633402
Northing:	669601
Elevation:	139.57 m

Turbine Tip Height 1:	170m
Turbine Hub Height 1:	102m
Turbine Rotor Diameter 1:	136m

Turbine Tip Height 2:	150m
Turbine Hub Height 2:	82m
Turbine Rotor Diameter 2:	136m

Date and Time:	2022/08/11 17:48
Camera:	Canon 5D Mark II
Lens:	Fixed 50mm
Camera Height:	1.7m (AGL)

Direction (clockwise from Grid N):	33 °
Distance to Nearest Visible Turbine:	0.9 km
Nearest Turbine:	T5
Horizontal Field of View: 90 ° (cylindrical projection)	
Principal Distance:	522 mm

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Rathlogan Moat Ringfort

Viewpoint Ref: VP33b

Baseline Photograph

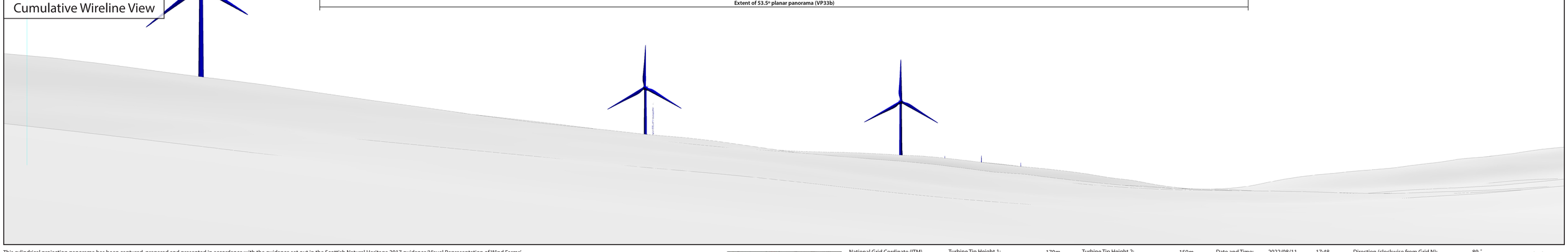
This image provides landscape and visual context only

Part 2 of 2



Extent of 53.5° planar panorama (VP33b)

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 GathabawnTurbines | Existing Turbines | Permitted Turbines | In - Planning Turbines | Pre - Planning Turbines



National Grid Cordinate (ITM)	
Easting:	633402
Northing:	669601
Elevation:	139.57 m

Turbine Tip Height 1:	170m
Turbine Hub Height 1:	102m
Turbine Rotor Diameter 1:	136m

Turbine Tip Height 2:	150m
Turbine Hub Height 2:	82m
Turbine Rotor Diameter 2:	136m

Date and Time:	2022/08/11 17:48
Camera:	Canon 5D Mark II
Lens:	Fixed 50mm
Camera Height:	1.7m (AGL)

Direction (clockwise from Grid N):	89 °
Distance to Nearest Visible Turbine:	0.9 km
Nearest Turbine:	T5
Horizontal Field of View: 90 ° (cylindrical projection)	
Principal Distance:	522 mm

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Contextual Photomontage

Part 1 of 1





National Grid Cordinate (ITM)
Easting: 633402
Northing: 669601
Elevation: 139.57m

Horizontal Field of View: 180 ° (cylindrical projection)
Turbine Tip Height 1: 170m
Turbine Hub Height 1: 102m
Turbine Rotor Diameter 1: 136m
Turbine Tip Height 2: 150m
Turbine Hub Height 2: 82m
Turbine Rotor Diameter 2: 136m

Date and Time: 11/08/2022 17:48
Camera: Canon 5D Mark II
Lens: Fixed 50mm
Camera Height: 1.7m (AGL)

Direction (clockwise from Grid N): 62 °
Distance to Nearest Visible Turbine: 0.9 km
Nearest Turbine: T5

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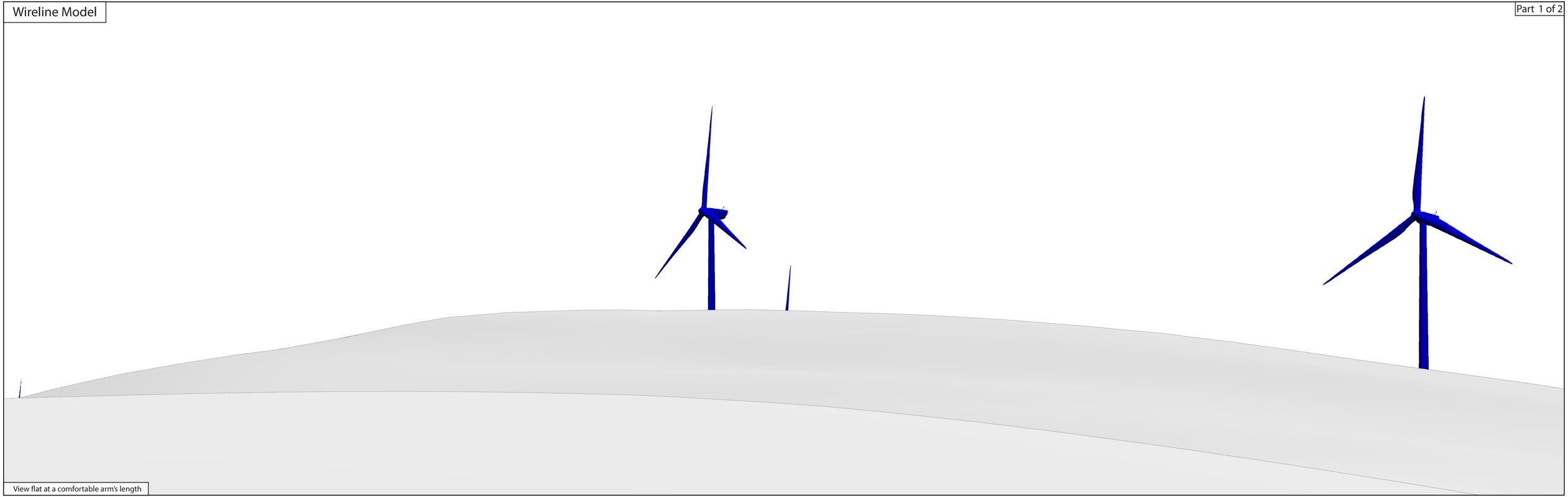
Rathlogan Moat Ringfort

Viewpoint Ref: VP33a

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 GathabawnTurbines | Existing Turbines | Permitted Turbines | In - Planning Turbines | Pre - Planning Turbines



National Grid Cordinate (ITM)	
Easting:	633402
Northing:	669601
Elevation:	139.57 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:	11/08/2022 17:48
Camera:	Canon 5D Mark II
Lens:	Fixed 50mm
Camera Height:	1.7m (AGL)

Direction (clockwise from Grid N):	33 °
Distance to Nearest Visible Turbine:	0.9 km
Nearest Turbine:	T5

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Rathlogan Moat Ringfort

Viewpoint Ref: VP33a

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:	633402
Northing:	669601
Elevation:	139.57 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:	11/08/2022 17:48
Camera:	Canon 5D Mark II
Lens:	Fixed 50mm
Camera Height:	1.7m (AGL)

Direction (clockwise from Grid N):	33 °
Distance to Nearest Visible Turbine:	0.9 km
Nearest Turbine:	T5

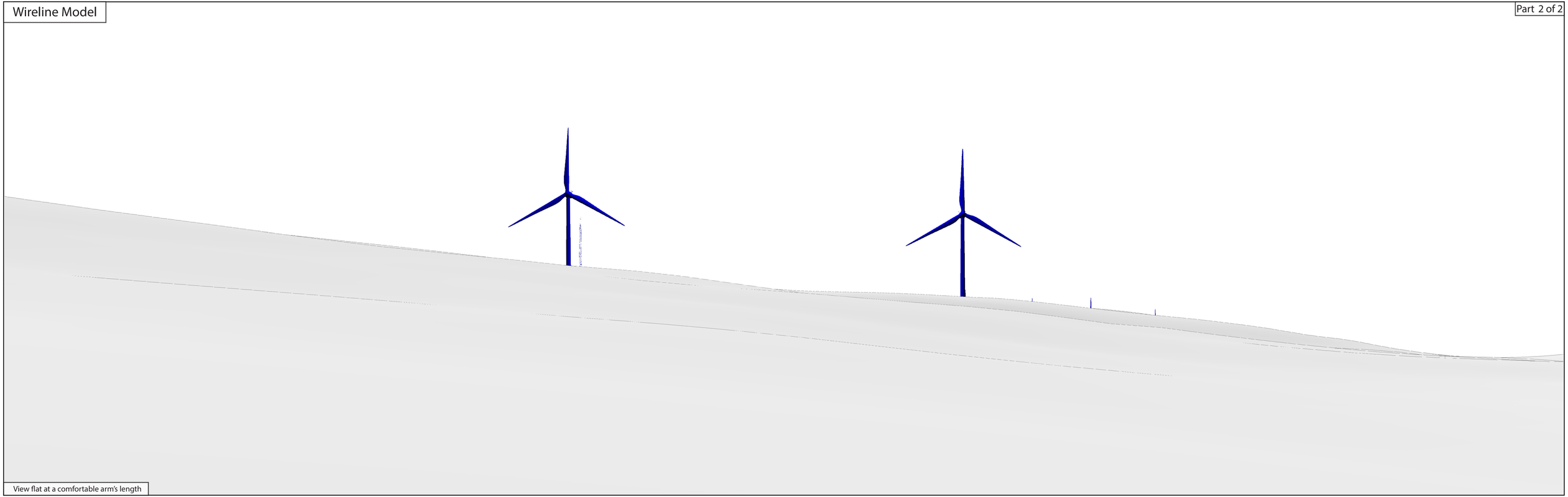
macroworks APEM Group

Rathlogan Moat Ringfort

Viewpoint Ref: VP33b

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 GathabawnTurbines | Existing Turbines | Permitted Turbines | In - Planning Turbines | Pre - Planning Turbines



National Grid Cordinate (ITM)	
Easting:	633402
Northing:	669601
Elevation:	139.57 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:	11/08/2022 17:48
Camera:	Canon 5D Mark II
Lens:	Fixed 50mm
Camera Height:	1.7m (AGL)

Direction (clockwise from Grid N):	89 °
Distance to Nearest Visible Turbine:	0.9 km
Nearest Turbine:	T5

macroworks APEM Group

Rathlogan Moat Ringfort

Viewpoint Ref: VP33b

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:	633402
Northing:	669601
Elevation:	139.57 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:	11/08/2022 17:48
Camera:	Canon 5D Mark II
Lens:	Fixed 50mm
Camera Height:	1.7m (AGL)

Direction (clockwise from Grid N):	89 °
Distance to Nearest Visible Turbine:	0.9 km
Nearest Turbine:	T5

macroworks APEM Group

Clomatagh Hillfort

Viewpoint Ref: VP34

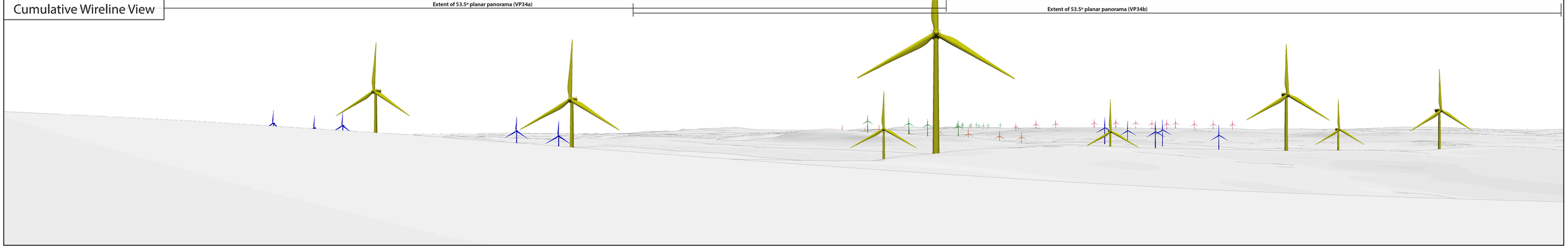
Baseline Photograph

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 GathabawnTurbines | Existing Turbines | Permitted Turbines | In - Planning Turbines | Pre - Planning Turbines



National Grid Cordinate (ITM)	
Easting:	633211
Northing:	665538
Elevation:	345.43 m

Turbine Tip Height 1:	170m
Turbine Hub Height 1:	102m
Turbine Rotor Diameter 1:	136m

Turbine Tip Height 2:	150m
Turbine Hub Height 2:	82m
Turbine Rotor Diameter 2:	136m

Date and Time:	2021/10/11 12:43
Camera:	Canon 5D Mark II
Lens:	Fixed 50mm
Camera Height:	1.7m (AGL)

Direction (clockwise from Grid N):	34 ˚
Distance to Nearest Visible Turbine:	4.3 km
Nearest Turbine:	T6
Horizontal Field of View: 90 ˚ (cylindrical projection)	
Principal Distance:	522 mm

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Clomatagh Hillfort

Viewpoint Ref: VP34

Contextual Photomontage

Part 1 of 1





National Grid Cordinate (ITM)
Easting: 633211
Northing: 665538
Elevation: 345.43m

Horizontal Field of View: 180 ° (cylindrical projection)
Turbine Tip Height 1: 170m
Turbine Hub Height 1: 102m
Turbine Rotor Diameter 1: 136m
Turbine Tip Height 2: 150m
Turbine Hub Height 2: 82m
Turbine Rotor Diameter 2: 136m

Date and Time: 11/10/2021 12:43
Camera: Canon 5D Mark II
Lens: Fixed 50mm
Camera Height: 1.7m (AGL)

Direction (clockwise from Grid N): 45 °
Distance to Nearest Visible Turbine: 4.3 km
Nearest Turbine: T6

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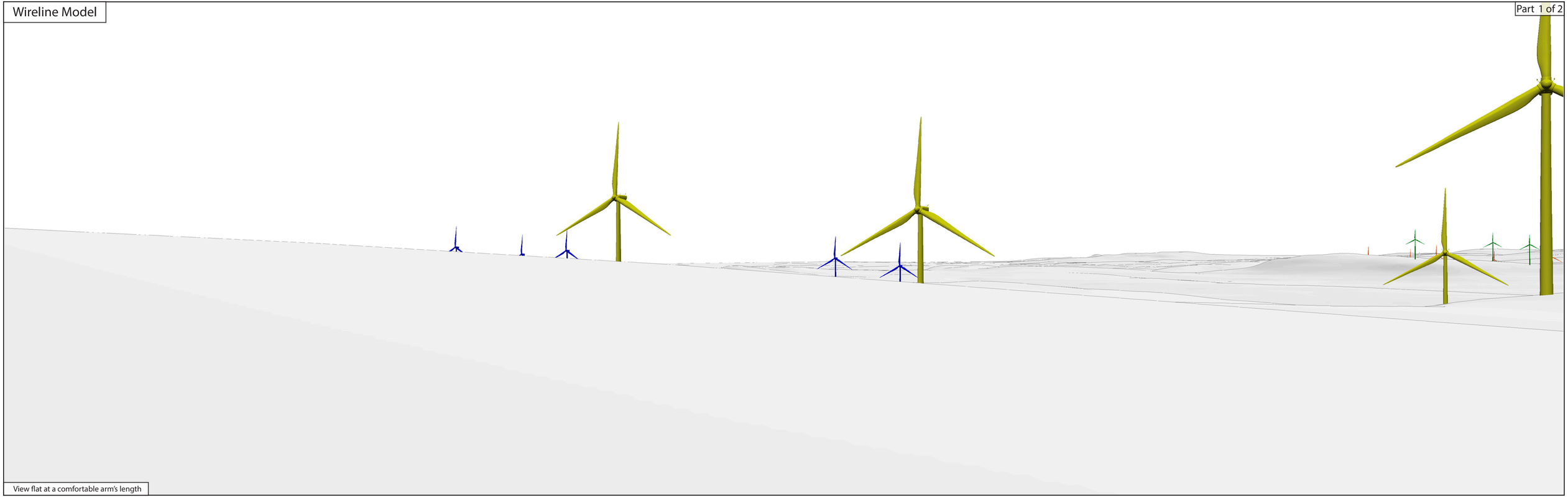
Clomatagh Hillfort

Viewpoint Ref: VP34a

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 GathabawnTurbines | Existing Turbines | Permitted Turbines | In - Planning Turbines | Pre - Planning Turbines



National Grid Cordinate (ITM)	
Easting:	633211
Northing:	665538
Elevation:	345.43 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:	11/10/2021 12:43
Camera:	Canon 5D Mark II
Lens:	Fixed 50mm
Camera Height:	1.7m (AGL)

Direction (clockwise from Grid N):	20 °
Distance to Nearest Visible Turbine:	4.3 km
Nearest Turbine:	T6

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Clomatagh Hillfort

Viewpoint Ref: VP34a

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:	633211
Northing:	665538
Elevation:	345.43 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:	11/10/2021 12:43
Camera:	Canon 5D Mark II
Lens:	Fixed 50mm
Camera Height:	1.7m (AGL)

Direction (clockwise from Grid N):	20 °
Distance to Nearest Visible Turbine:	4.3 km
Nearest Turbine:	T6

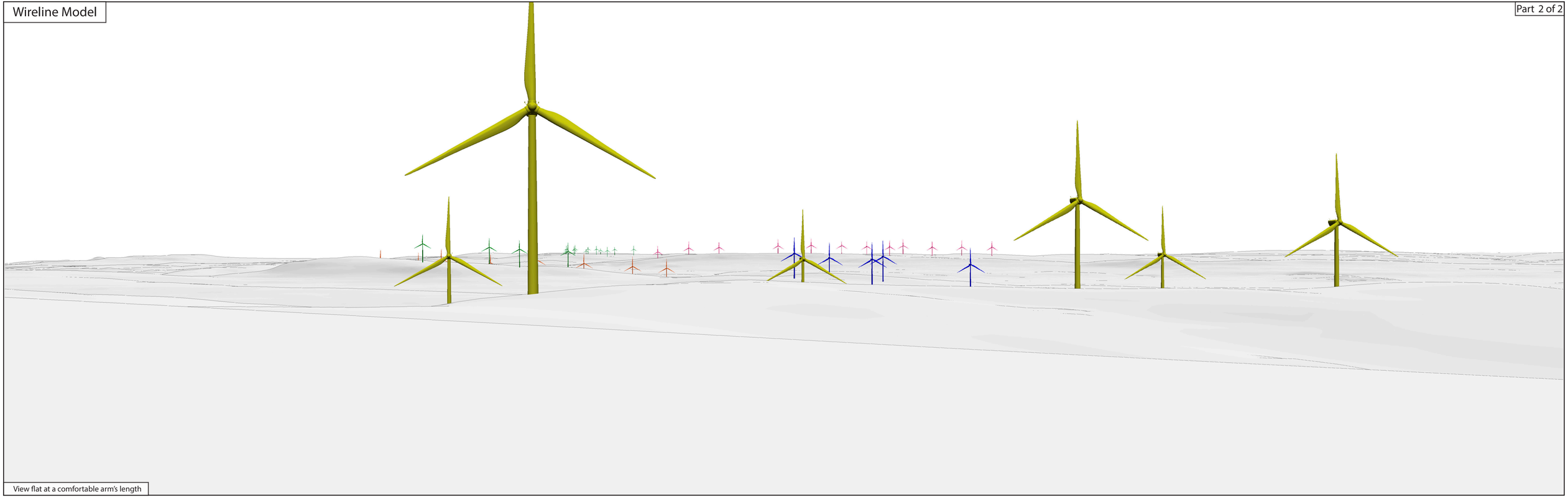
macroworks APEM Group

Clomatagh Hillfort

Viewpoint Ref: VP34b

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 GathabawnTurbines | Existing Turbines | Permitted Turbines | In - Planning Turbines | Pre - Planning Turbines



National Grid Cordinate (ITM)	
Easting:	633211
Northing:	665538
Elevation:	345.43 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:	11/10/2021 12:43
Camera:	Canon 5D Mark II
Lens:	Fixed 50mm
Camera Height:	1.7m (AGL)

Direction (clockwise from Grid N):	55 °
Distance to Nearest Visible Turbine:	4.3 km
Nearest Turbine:	T6

macroworks APEM Group

Clomatagh Hillfort

Viewpoint Ref: VP34b

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:	633211
Northing:	665538
Elevation:	345.43 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:	11/10/2021 12:43
Camera:	Canon 5D Mark II
Lens:	Fixed 50mm
Camera Height:	1.7m (AGL)

Direction (clockwise from Grid N):	55 °
Distance to Nearest Visible Turbine:	4.3 km
Nearest Turbine:	T6

macroworks APEM Group

Ballylarkin Church

Viewpoint Ref: VP35

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 GathabawnTurbines | Existing Turbines | Permitted Turbines | In - Planning Turbines | Pre - Planning Turbines



National Grid Cordinate (ITM)	
Easting:	638676
Northing:	663690
Elevation:	126.57 m

Turbine Tip Height 1:	170m
Turbine Hub Height 1:	102m
Turbine Rotor Diameter 1:	136m

Turbine Tip Height 2:	150m
Turbine Hub Height 2:	82m
Turbine Rotor Diameter 2:	136m

Date and Time:	2021/09/24 09:23
Camera:	Canon 5D Mark II
Lens:	Fixed 50mm
Camera Height:	1.7m (AGL)

Direction (clockwise from Grid N):	7 °
Distance to Nearest Visible Turbine:	4.7 km
Nearest Turbine:	T12
Horizontal Field of View: 90 ° (cylindrical projection)	
Principal Distance:	522 mm

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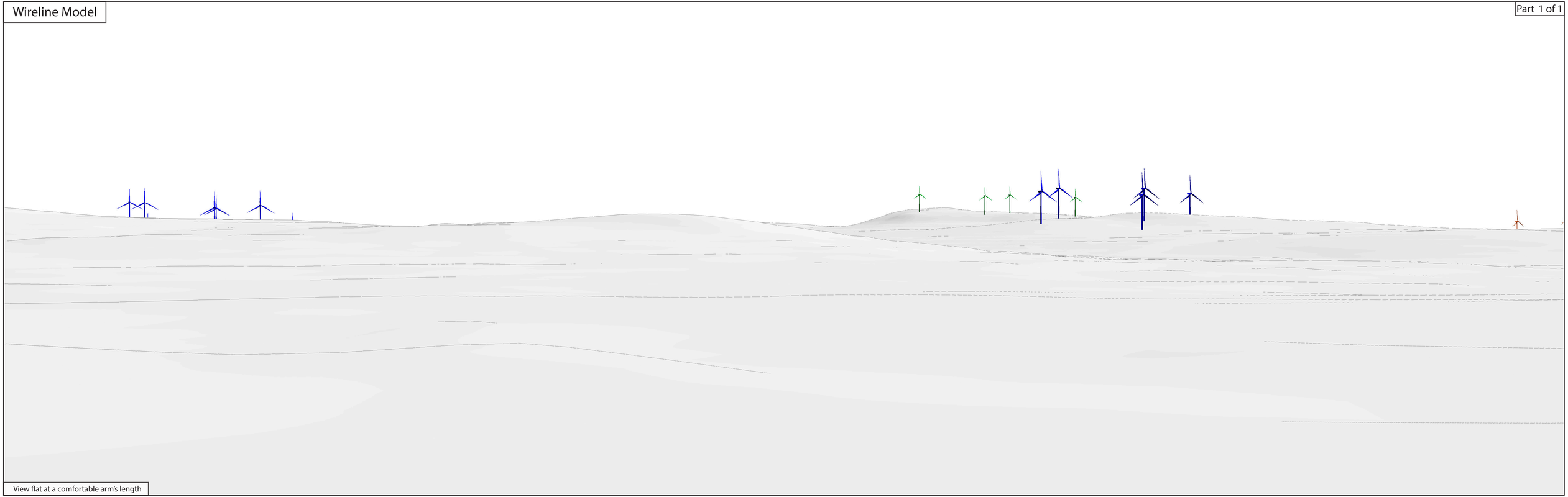
Ballylarkin Church

Viewpoint Ref: VP35

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 GathabawnTurbines | Existing Turbines | Permitted Turbines | In - Planning Turbines | Pre - Planning Turbines



National Grid Cordinate (ITM)	
Easting:	638676
Northing:	663690
Elevation:	126.57 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:	24/09/2021 09:23
Camera:	Canon 5D Mark II
Lens:	Fixed 50mm
Camera Height:	1.7m (AGL)

Direction (clockwise from Grid N):	349 °
Distance to Nearest Visible Turbine:	4.7 km
Nearest Turbine:	T12

macroworks APEM Group

Ballylarkin Church

Viewpoint Ref: VP35

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:	638676
Northing:	663690
Elevation:	126.57 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:	24/09/2021	09:23
Camera:		Canon 5D Mark II
Lens:		Fixed 50mm
Camera Height:		1.7m (AGL)

Direction (clockwise from Grid N):	349 °
Distance to Nearest Visible Turbine:	4.7 km
Nearest Turbine:	T12

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Upper Court House

Viewpoint Ref: VP36

Baseline Photograph

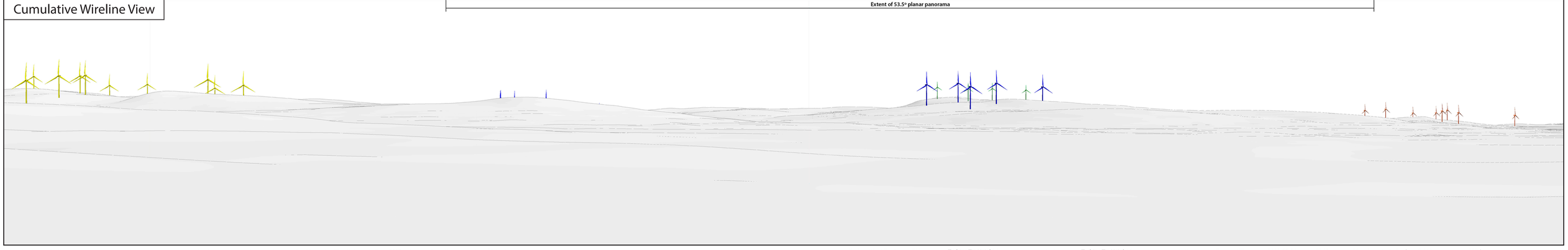
This image provides landscape and visual context only

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 GathabawnTurbines | Existing Turbines | Permitted Turbines | In - Planning Turbines | Pre - Planning Turbines



National Grid Cordinate (ITM)	
Easting:	640072
Northing:	663983
Elevation:	93.94 m

Turbine Tip Height 1:	170m
Turbine Hub Height 1:	102m
Turbine Rotor Diameter 1:	136m

Turbine Tip Height 2:	150m
Turbine Hub Height 2:	82m
Turbine Rotor Diameter 2:	136m

Date and Time:	2021/09/24 09:03
Camera:	Canon 5D Mark II
Lens:	Fixed 50mm
Camera Height:	1.7m (AGL)

Direction (clockwise from Grid N):	358 °
Distance to Nearest Visible Turbine:	4.6 km
Nearest Turbine:	T12
Horizontal Field of View: 90 ° (cylindrical projection)	
Principal Distance:	522 mm

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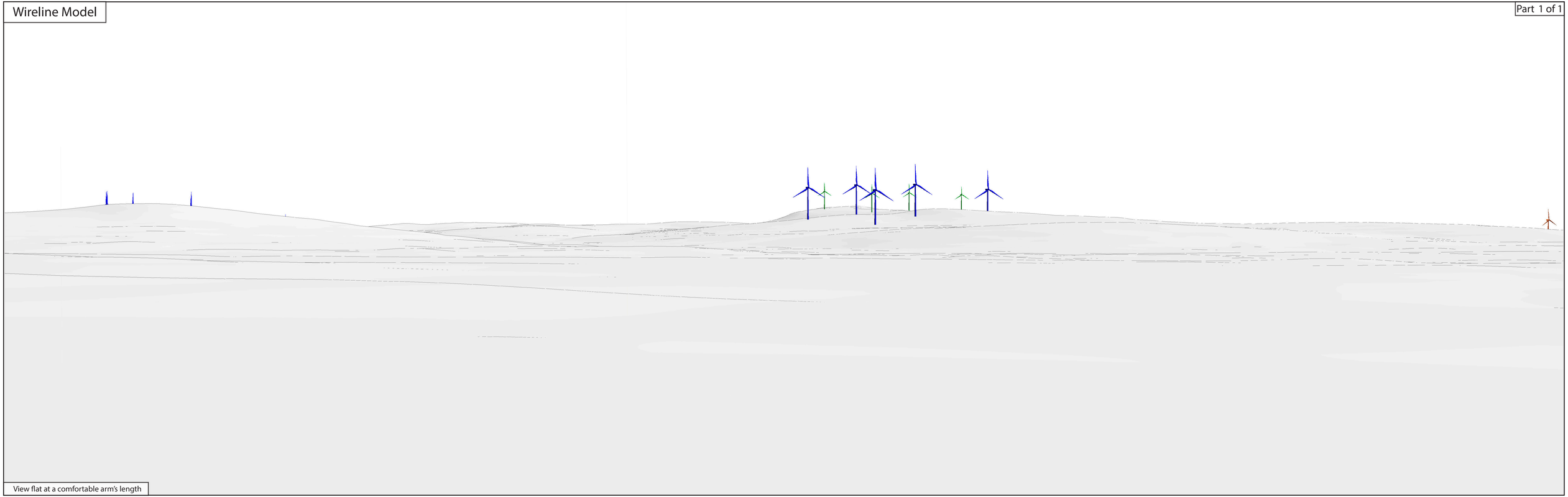
Upper Court House

Viewpoint Ref: VP36

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 GathabawnTurbines | Existing Turbines | Permitted Turbines | In - Planning Turbines | Pre - Planning Turbines



National Grid Cordinate (ITM)	
Easting:	640072
Northing:	663983
Elevation:	93.94 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:	24/09/2021 09:03
Camera:	Canon 5D Mark II
Lens:	Fixed 50mm
Camera Height:	1.7m (AGL)

Direction (clockwise from Grid N):	340 °
Distance to Nearest Visible Turbine:	4.6 km
Nearest Turbine:	T12

macroworks APEM Group

Upper Court House

Viewpoint Ref: VP36

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:	640072
Northing:	663983
Elevation:	93.94 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:	24/09/2021 09:03
Camera:	Canon 5D Mark II
Lens:	Fixed 50mm
Camera Height:	1.7m (AGL)

Direction (clockwise from Grid N):	340 °
Distance to Nearest Visible Turbine:	4.6 km
Nearest Turbine:	T12

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L5753 at Aharney

Viewpoint Ref: VP37

Baseline Photograph

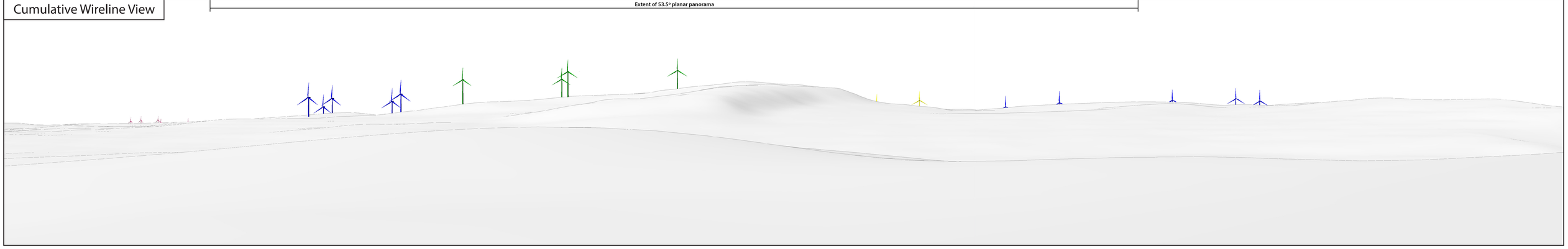
This image provides landscape and visual context only

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 GathabawnTurbines | Existing Turbines | Permitted Turbines | In - Planning Turbines | Pre - Planning Turbines



National Grid Cordinate (ITM)	
Easting:	639413
Northing:	673623
Elevation:	187.63 m

Turbine Tip Height 1:	170m
Turbine Hub Height 1:	102m
Turbine Rotor Diameter 1:	136m

Turbine Tip Height 2:	150m
Turbine Hub Height 2:	82m
Turbine Rotor Diameter 2:	136m

Date and Time:	2026/09/17 12:11
Camera:	Canon 5D Mark II
Lens:	Fixed 50mm
Camera Height:	1.7m (AGL)

Direction (clockwise from Grid N):	214 °
Distance to Nearest Visible Turbine:	4.4 km
Nearest Turbine:	T9
Horizontal Field of View: 90 ° (cylindrical projection)	
Principal Distance:	522 mm

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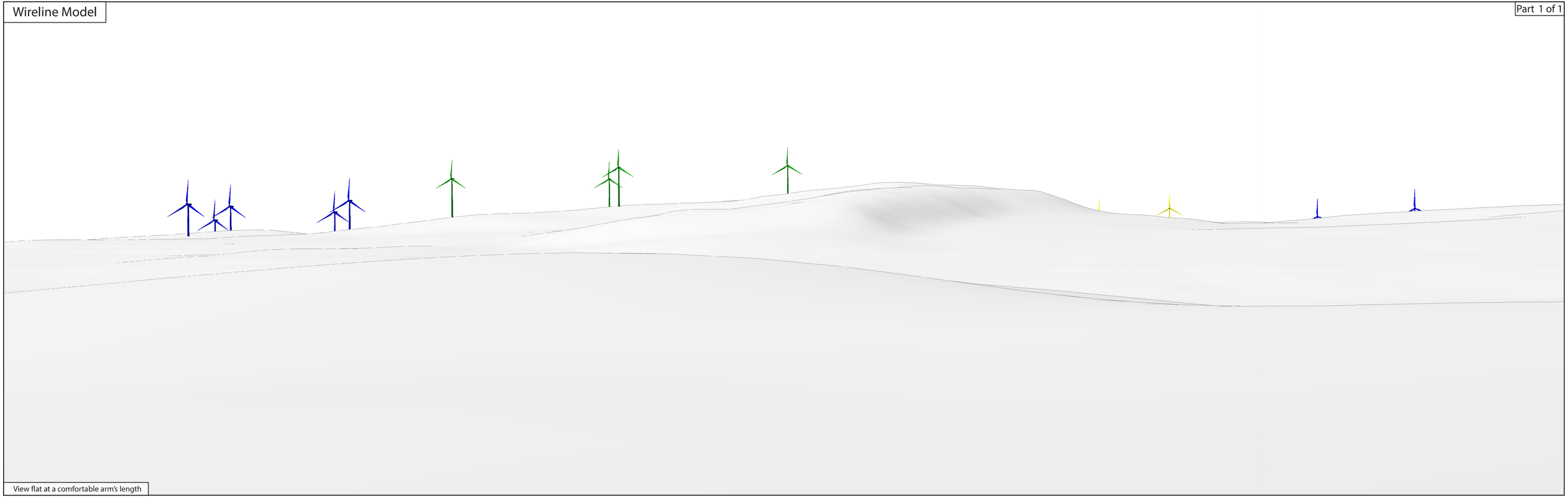
Wireline Model

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 GathabawnTurbines | Existing Turbines | Permitted Turbines | In - Planning Turbines | Pre - Planning Turbines



National Grid Cordinate (ITM)	
Easting:	639413
Northing:	673623
Elevation:	187.63 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:	17/09/2026 12:11
Camera:	Canon 5D Mark II
Lens:	Fixed 50mm
Camera Height:	1.7m (AGL)

Direction (clockwise from Grid N):	208 °
Distance to Nearest Visible Turbine:	4.4 km
Nearest Turbine:	T9

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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:	639413
Northing:	673623
Elevation:	187.63 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:	17/09/2026 12:11
Camera:	Canon 5D Mark II
Lens:	Fixed 50mm
Camera Height:	1.7m (AGL)

Direction (clockwise from Grid N):	208 °
Distance to Nearest Visible Turbine:	4.4 km
Nearest Turbine:	T9

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