



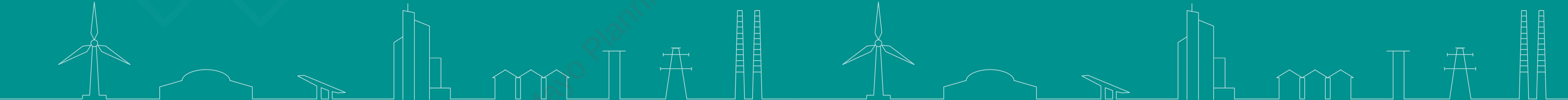
macroworks

LVIA PHOTOMONTAGES

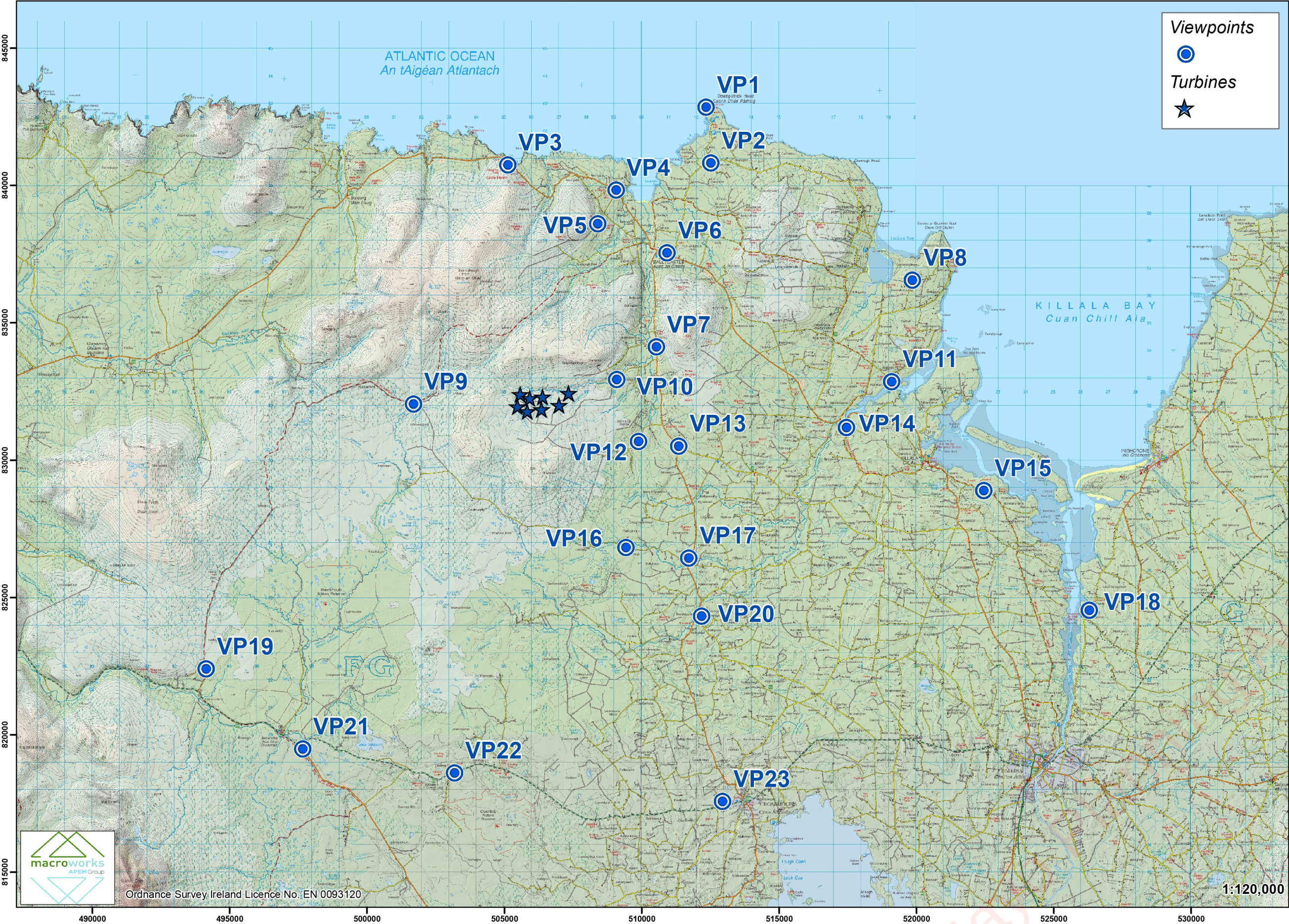
Keerglen Wind Farm
Book 1: VP1 - VP12

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

June 2024



LVIA viewpoint locations selected for the Keerglen Wind Farm project



VP1: Downpatrick Head

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

VP2: Local Road intersection at Muingrevagh

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

VP3: Céide Fields

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

VP4: R314 at Doonfeeny Upper

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

VP5: Local Road at Ballyknock

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

VP6: R314 at Ballycastle

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

VP7: R315 at Ballinglen

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

VP8: Local Road at Carrowtrasna

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

VP9: Western Way at Altderg

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

VP10: Local Road to east of site at Keerglen

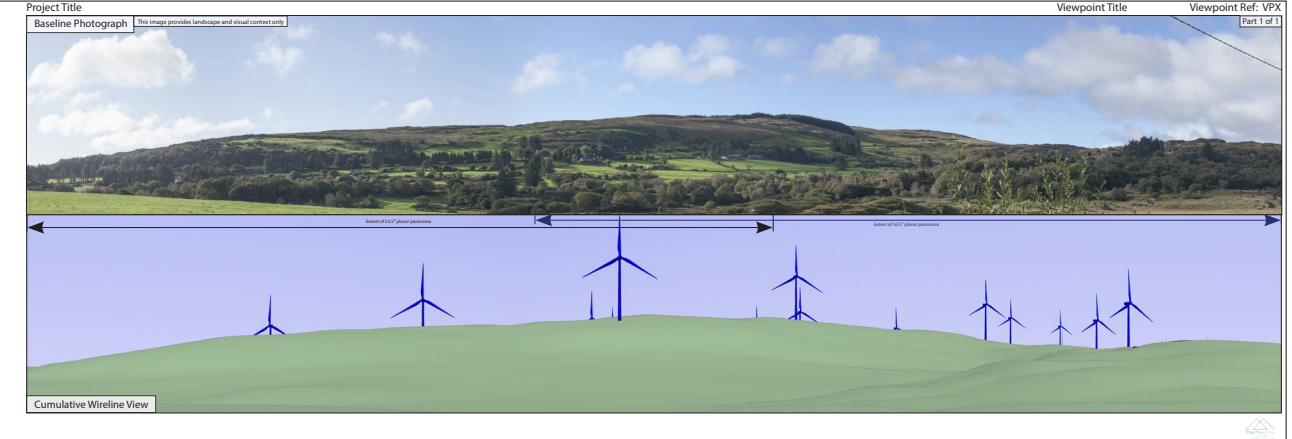
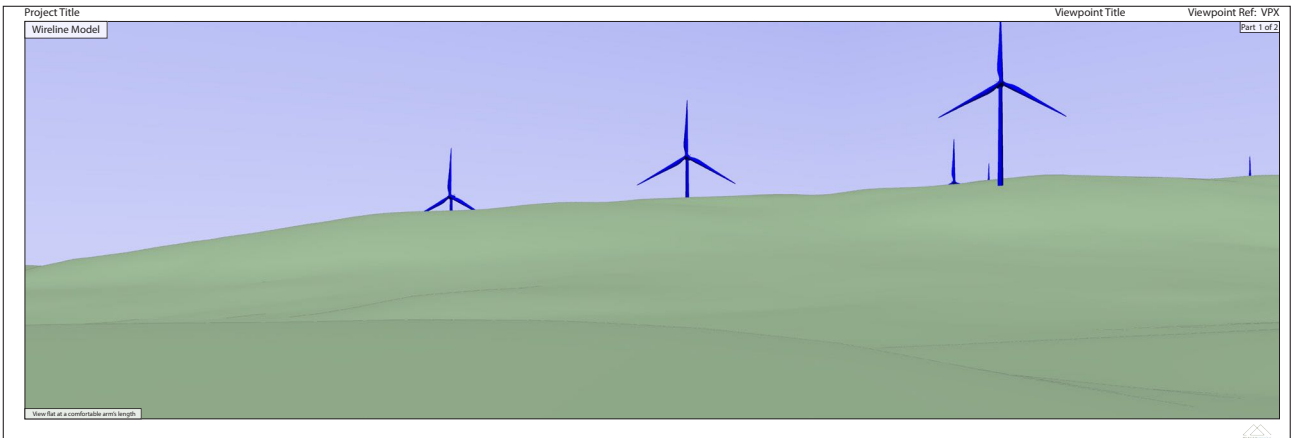
Page 1: Baseline (Contextual Wireline and Photo)
Page 2: Wireline
Page 3: Photomontage

VP11: Templemurry Graveyard

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

VP12: Local Road south of site at Glenedagh Oughter

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

How photomontages are presented for each viewpoint Sheet 1: 90° Baseline panorama and matching wireline 	What is Displayed 90° Baseline Panorama Photograph and matching Cumulative Wireline (Cylindrical Projection - to be viewed curved): The top image depicts a 90° (included angle) Baseline panorama generated from captured photography. The bottom image depicts a 90° (included angle) matching computer generated wireline. This image includes the proposed wind farm development and includes other cumulative wind farm developments (existing and/or permitted 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 53.5° Panoramic Photomontage/Wireline Views within the depicted 90° Baseline views. Information relating to the viewpoint, proposed development and photography capture are included. A small thumbnail map is included which indicates the location of the viewpoint and the direction and extent of the depicted view. A coloured legend referencing turbines are also included to help distinguish the proposed turbines from the other cumulative turbines.	Rationale As required by the SNH guidelines, the purpose of the baseline panorama and wireline is to provide wider landscape and visual context to help the viewer understand where development sits within the wider landscape. The wireline also illustrates cumulative effects and provides the viewer with the full cumulative context. The baseline panorama is not intended to represent how large or small the turbines will appear in reality or how close they will appear to the viewer.
Sheet 2 (provided where necessary): Contextual Panoramic Photomontage View (120° - 180°) 	Contextual Panoramic Photomontage View (ranging from 120° to 180°) (Cylindrical Projection - to be viewed curved): The image demonstrates a contextual panoramic photomontage view (ranging from 120° to 180° included angle) which is generated from captured photography. It includes the proposed wind farm development and includes only other existing cumulative wind farm developments. Extent bars indicate the extent of both the 53.5° Panoramic Photomontage/Wireline Views and the 90° Baseline Views within the depicted Contextual Panoramic Photomontage View. Information relating to the viewpoint, proposed development and photography capture are included. A small thumbnail map is included which indicates the location of the viewpoint and the direction and extent of the depicted view.	An additional page not required by the guidelines, this contextual photomontage view is included to give a broader context to the viewer. It is generally included where there are multiple 90° and 53.5° views, which are required by the guidelines for a particular viewpoint.
Sheet 3: 53.5° Wireline View 	53.5° Wireline View (Planar Projection - to be viewed flat) This image shows a 53.5° (included angle) Wireline View which matches the 53.5° Panoramic Photomontage View. It includes the proposed wind farm development and includes other cumulative wind farm developments (existing and/or permitted 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: 53.5° Panoramic Photomontage View 	53.5° Panoramic Photomontage View (Planar Projection - to be viewed flat): This image demonstrates a 53.5° (included angle) photomontage generated from captured photography. It includes the proposed wind farm development and includes only other existing cumulative wind farm developments. Information relating to the viewpoint, proposed development and photography capture are included. A small thumbnail map is included which indicates the location of the viewpoint and the direction and extent of the depicted view.	As required by the SNH guidelines, the A1 panorama is intended to provide the best impression of the apparent size of the turbines and the distance to the development from the viewpoint location. Only images at this scale, held at a comfortable arms length, should be used when trying to understand the size of the development and its distance from the viewpoint.

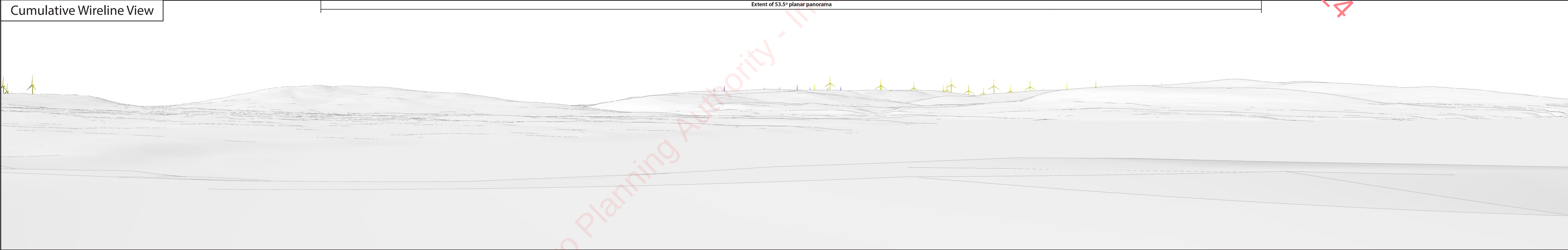
Baseline Photograph

This image provides landscape and visual context only

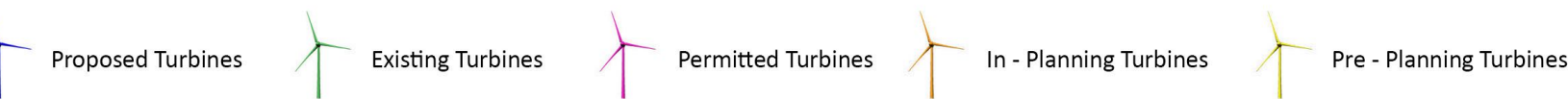


Cumulative Wireline View

Extent of 53.5° planar panorama



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



National Grid Coordinate (ITM)
Easting: 512347
Northing: 842855
Elevation: 36.2 m

Horizontal Field of View: 90 ° (cylindrical projection)
Principal Distance: 522 mm
Turbine Tip Height: 180m
Turbine Hub Height: 105m
Turbine Rotor Diameter: 150m

Date and Time: 06/04/2023 11:10
Camera: Canon 5D Mark II
Lens: Fixed 50mm
Camera Height: 1.7m (AGL)

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

210 °
11.6 km
T8



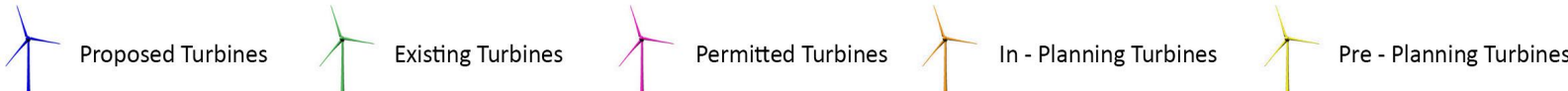
Wireline Model

Part 1 of 1



View flat at a comfortable arm's length

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



National Grid Cordinate (ITM)
Easting: 512347
Northing: 842855
Elevation: 36.2 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: 2023/04/06 11:10
Camera: Canon 5D Mark II
Lens: Fixed 50mm
Camera Height: 1.7m (AGL)

Direction (clockwise from Grid N): 210 °
Distance to Nearest Visible Turbine: 11.6 km
Nearest Turbine: T8



Photomontage

Part 1 of 1



View flat at a comfortable arm's length

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



National Grid Coordinate (ITM)
Easting: 512347
Northing: 842855
Elevation: 36.2 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: 2023/04/06 11:10
Camera: Canon 5D Mark II
Lens: Fixed 50mm
Camera Height: 1.7m (AGL)

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

210 °
11.6 km
T8



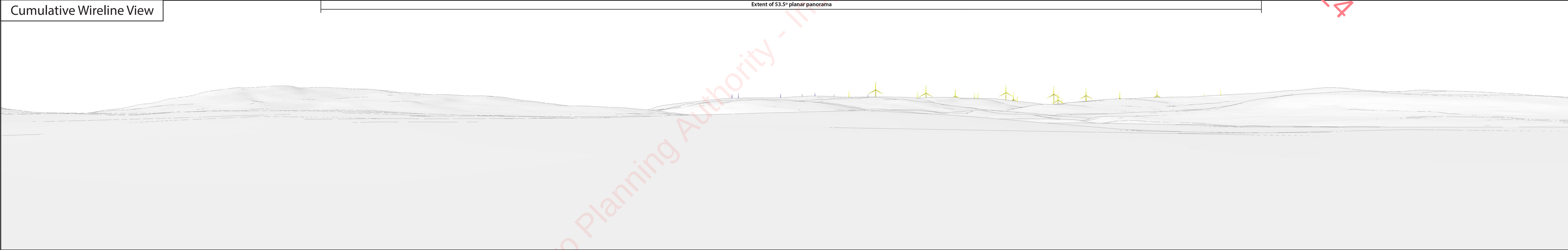
Baseline Photograph

This image provides landscape and visual context only

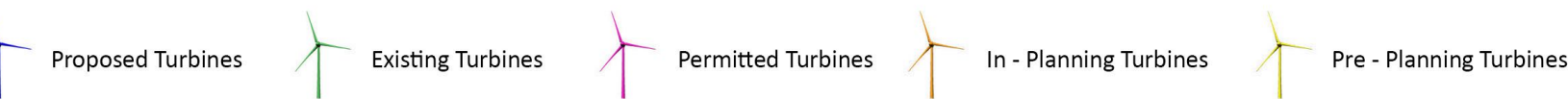


Cumulative Wireline View

Extent of 53.5° planar panorama



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



National Grid Cordinate (ITM)
Easting: 512524
Northing: 840824
Elevation: 21.8 m

Horizontal Field of View: 90 ° (cylindrical projection)
Principal Distance: 522 mm
Turbine Tip Height: 180m
Turbine Hub Height: 105m
Turbine Rotor Diameter: 150m

Date and Time: 06/04/2023 10:53
Camera: Canon 5D Mark II
Lens: Fixed 50mm
Camera Height: 1.7m (AGL)

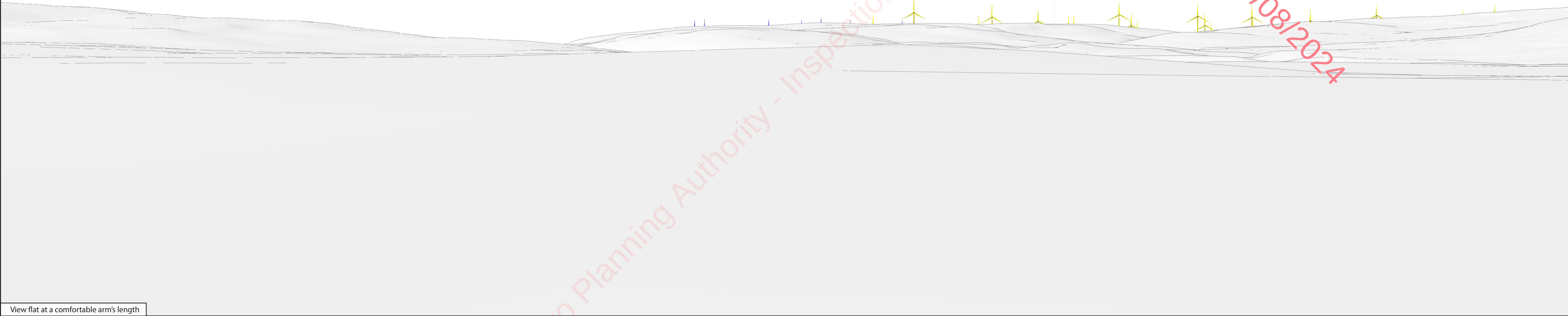
Direction (clockwise from Grid N):
Distance to Nearest Visible Turbine:
Nearest Turbine:

215 °
9.9 km
T8



Wireline Model

Part 1 of 1



View flat at a comfortable arm's length

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

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



National Grid Cordinate (ITM)
Easting: 512524
Northing: 840824
Elevation: 21.8 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: 2023/04/06 10:53
Camera: Canon 5D Mark II
Lens: Fixed 50mm
Camera Height: 1.7m (AGL)

Direction (clockwise from Grid N): 215 °
Distance to Nearest Visible Turbine: 9.9 km
Nearest Turbine: T8



Photomontage

Part 1 of 1



View flat at a comfortable arm's length

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



National Grid Cordinate (ITM)
Easting: 512524
Northing: 840824
Elevation: 21.8 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: 2023/04/06 10:53
Camera: Canon 5D Mark II
Lens: Fixed 50mm
Camera Height: 1.7m (AGL)

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

215 °
9.9 km
T8



Baseline Photograph

This image provides landscape and visual context only



Cumulative Wireline View

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



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
- Pre - Planning Turbines



National Grid Cordinate (ITM)
Easting: 505118
Northing: 840751
Elevation: 132.1 m

Horizontal Field of View: 90 ° (cylindrical projection)
Principal Distance: 522 mm
Turbine Tip Height: 180m
Turbine Hub Height: 105m
Turbine Rotor Diameter: 150m

Date and Time: 06/04/2023 12:16
Camera: Canon 5D Mark II
Lens: Fixed 50mm
Camera Height: 1.7m (AGL)

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

157 °
N/A km
T1



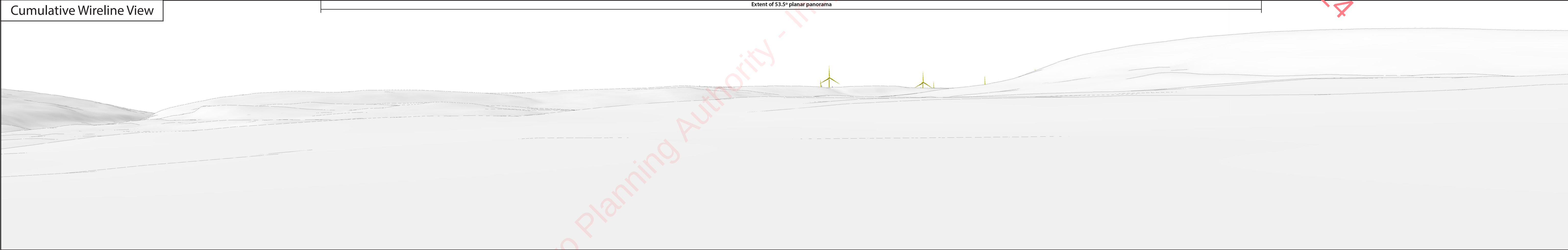
Baseline Photograph

This image provides landscape and visual context only

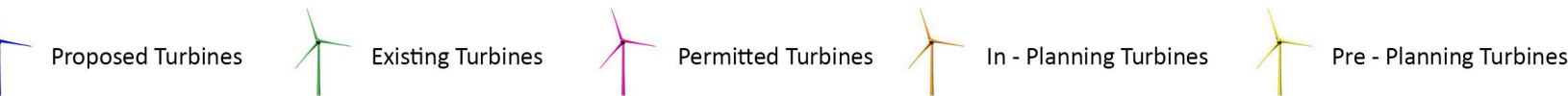


Cumulative Wireline View

Extent of 53.5° planar panorama



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



National Grid Cordinate (ITM)
Easting: 509062
Northing: 839839
Elevation: 36.6 m

Horizontal Field of View: 90 ° (cylindrical projection)
Principal Distance: 522 mm
Turbine Tip Height: 180m
Turbine Hub Height: 105m
Turbine Rotor Diameter: 150m

Date and Time: 06/04/2023 12:31
Camera: Canon 5D Mark II
Lens: Fixed 50mm
Camera Height: 1.7m (AGL)

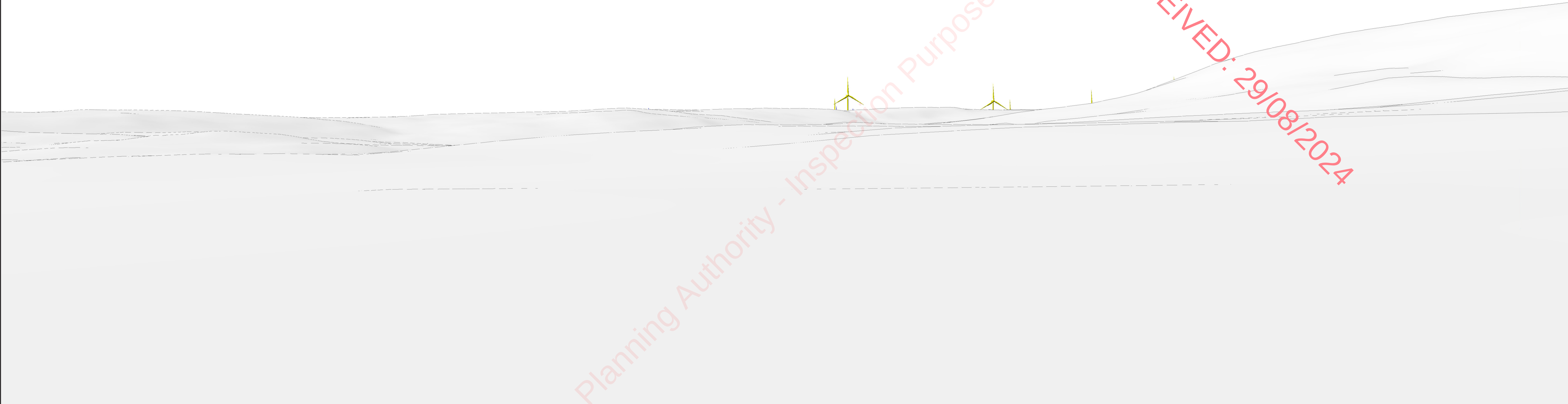
Direction (clockwise from Grid N):
Distance to Nearest Visible Turbine:
Nearest Turbine:

200 °
8.2 km
T8



Wireline Model

Part 1 of 1



View flat at a comfortable arm's length

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

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



National Grid Cordinate (ITM)
Easting: 509062
Northing: 839839
Elevation: 36.6 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: 2023/04/06 12:31
Camera: Canon 5D Mark II
Lens: Fixed 50mm
Camera Height: 1.7m (AGL)

Direction (clockwise from Grid N): 200 °
Distance to Nearest Visible Turbine: 8.2 km
Nearest Turbine: T8



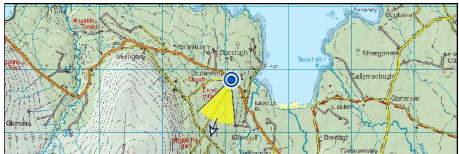
Photomontage

Part 1 of 1



View flat at a comfortable arm's length

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



National Grid Coordinate (ITM)
Easting: 509062
Northing: 839839
Elevation: 36.6 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: 2023/04/06 12:31
Camera: Canon 5D Mark II
Lens: Fixed 50mm
Camera Height: 1.7m (AGL)

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

200 °
8.2 km
T8



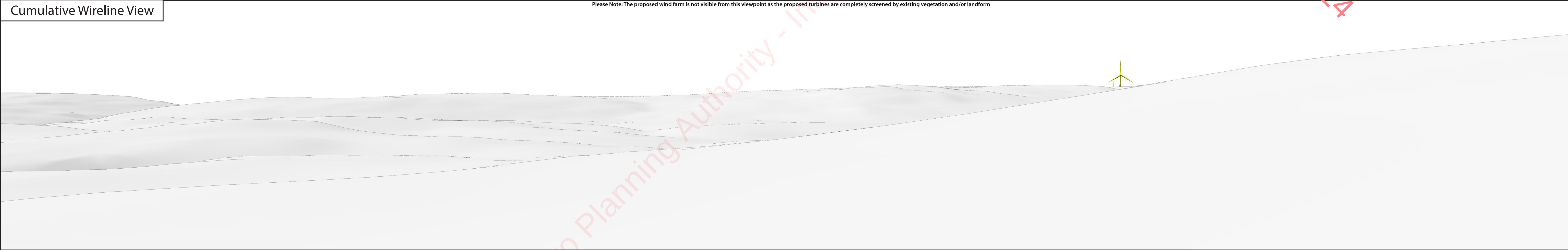
Baseline Photograph

This image provides landscape and visual context only



Cumulative Wireline View

Please Note: The proposed wind farm is not visible from this viewpoint as the proposed turbines are completely screened by existing vegetation and/or landform



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
-  Pre - Planning Turbines



National Grid Cordinate (ITM)
Easting: 508397
Northing: 838614
Elevation: 81.1 m

Horizontal Field of View: 90 ° (cylindrical projection)
Principal Distance: 522 mm
Turbine Tip Height: 180m
Turbine Hub Height: 105m
Turbine Rotor Diameter: 150m

Date and Time: 23/03/2022 10:47
Camera: Canon 5D Mark II
Lens: Fixed 50mm
Camera Height: 1.7m (AGL)

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

182 °
N/A km
T8



Baseline Photograph

This image provides landscape and visual context only

Part 1 of 1

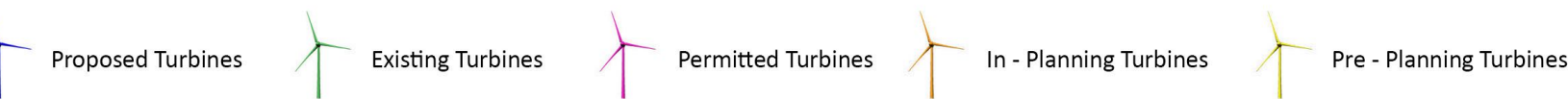


Cumulative Wireline View

Please Note: The proposed wind farm is not visible from this viewpoint as the proposed wind turbines are completely screened by existing infrastructure and/or landform



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



National Grid Coordinate (ITM)
Easting: 510928
Northing: 837551
Elevation: 58.5 m

Horizontal Field of View: 90 ° (cylindrical projection)
Principal Distance: 522 mm
Turbine Tip Height: 180m
Turbine Hub Height: 105m
Turbine Rotor Diameter: 150m

Date and Time: 08/09/2023 13:56
Camera: Canon 5D Mark II
Lens: Fixed 50mm
Camera Height: 1.7m (AGL)

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

218 °
N/A km
T8



Keerglen Wind Farm - Landscape and Visual Impact Assessment

R315 at Ballinglen

Viewpoint Ref: VP7

Baseline Photograph

This image provides landscape and visual context only

Part 1 of 1



Cumulative Wireline View

Extent of 53.3° 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
- Pre - Planning Turbines



National Grid Coordinate (ITM)
Easting: 510526
Northing: 834127
Elevation: 51.9 m

Horizontal Field of View: 90 ° (cylindrical projection)
Principal Distance: 522 mm
Turbine Tip Height: 180m
Turbine Hub Height: 105m
Turbine Rotor Diameter: 150m

Date and Time: 08/09/2023 12:35
Camera: Canon 5D Mark II
Lens: Fixed 50mm
Camera Height: 1.7m (AGL)

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

244 °
3.6 km
T8





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
- Pre - Planning Turbines



National Grid Coordinate (ITM)
Easting: 510526
Northing: 834127
Elevation: 51.9 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: 2023/09/08 12:35
Camera: Canon 5D Mark II
Lens: Fixed 50mm
Camera Height: 1.7m (AGL)

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

244°
3.6 km
T8





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



National Grid Coordinate (ITM)
Easting: 510526
Northing: 834127
Elevation: 51.9 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: 2023/09/08 12:35
Camera: Canon 5D Mark II
Lens: Fixed 50mm
Camera Height: 1.7m (AGL)

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

244 °
3.6 km
T8



Keerglen Wind Farm - Landscape and Visual Impact Assessment

Local Road at Carrowtrasna

Viewpoint Ref: VP8



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



National Grid Coordinate (ITM)
Easting: 519859
Northing: 836561
Elevation: 51.7 m

Horizontal Field of View: 90° (cylindrical projection)
Principal Distance: 522 mm
Turbine Tip Height: 180m
Turbine Hub Height: 105m
Turbine Rotor Diameter: 150m

Date and Time: 23/03/2022 11:44
Camera: Canon 5D Mark II
Lens: Fixed 50mm
Camera Height: 1.7m (AGL)

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

251°
13.2 km
T8





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
- Pre - Planning Turbines



National Grid Coordinate (ITM)
Easting: 519859
Northing: 836561
Elevation: 51.7 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: 2022/03/23 11:44
Camera: Canon 5D Mark II
Lens: Fixed 50mm
Camera Height: 1.7m (AGL)

Direction (clockwise from Grid N): 251°
Distance to Nearest Visible Turbine: 13.2 km
Nearest Turbine: T8





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



National Grid Coordinate (ITM)
Easting: 519859
Northing: 836561
Elevation: 51.7 m

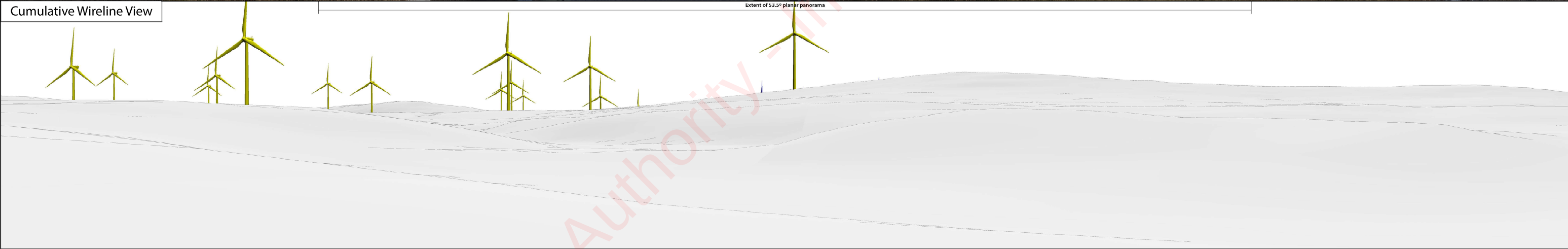
Horizontal Field of View: 53.5° (planar projection)
Principal Distance: 812.5 mm
Paper size: (half A1) 841 x 297 mm
Correct printed image size: 820 x 260 mm

Date and Time: 2022/03/23 11:44
Camera: Canon 5D Mark II
Lens: Fixed 50mm
Camera Height: 1.7m (AGL)

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

251°
13.2 km
T8





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
- Pre-Planning Turbines



National Grid Coordinate (ITM)
Easting: 501687
Northing: 832046
Elevation: 121.9 m

Horizontal Field of View: 90° (cylindrical projection)
Principal Distance: 522 mm
Turbine Tip Height: 180m
Turbine Hub Height: 105m
Turbine Rotor Diameter: 150m

Date and Time: 06/11/2020 12:20
Camera: Canon 5D Mark II
Lens: Fixed 50mm
Camera Height: 1.7m (AGL)

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

87°
3.9 km
T2





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
- Pre - Planning Turbines



National Grid Coordinate (ITM)
Easting: 501687
Northing: 832046
Elevation: 121.9 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: 2020/11/06 12:20
Camera: Canon 5D Mark II
Lens: Fixed 50mm
Camera Height: 1.7m (AGL)

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

87°
3.9 km
T2





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



National Grid Coordinate (ITM)
Easting: 501687
Northing: 832046
Elevation: 121.9 m

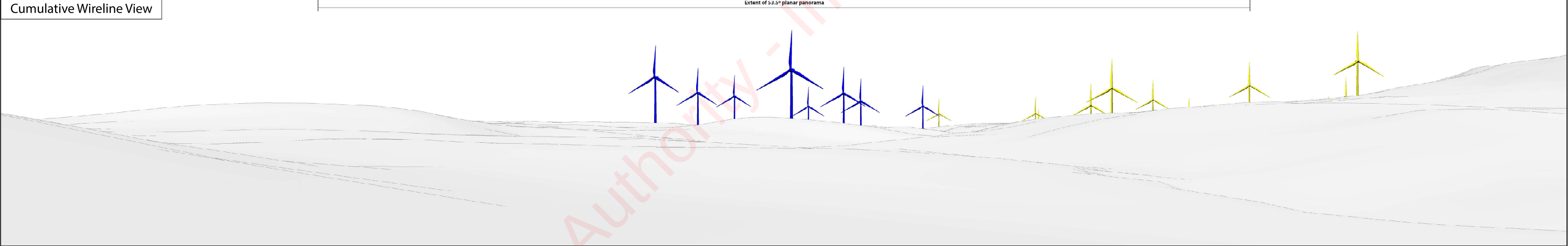
Horizontal Field of View: 53.5° (planar projection)
Principal Distance: 812.5 mm
Paper size: (half A1) 841 x 297 mm
Correct printed image size: 820 x 260 mm

Date and Time: 2020/11/06 12:20
Camera: Canon 5D Mark II
Lens: Fixed 50mm
Camera Height: 1.7m (AGL)

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

87°
3.9 km
T2





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
- Pre - Planning Turbines



National Grid Coordinate (ITM)
Easting: 509087
Northing: 832938
Elevation: 78.2 m

Horizontal Field of View: 90 ° (cylindrical projection)
Principal Distance: 522 mm
Turbine Tip Height: 180m
Turbine Hub Height: 105m
Turbine Rotor Diameter: 150m

Date and Time: 23/03/2022 10:06
Camera: Canon 5D Mark II
Lens: Fixed 50mm
Camera Height: 1.7m (AGL)

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

253 °
1.8 km
T8





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
- Pre - Planning Turbines



National Grid Cordinate (ITM)
Easting: 509087
Northing: 832938
Elevation: 78.2 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: 2022/03/23 10:06
Camera: Canon 5D Mark II
Lens: Fixed 50mm
Camera Height: 1.7m (AGL)

Direction (clockwise from Grid N): 253 °
Distance to Nearest Visible Turbine: 1.8 km
Nearest Turbine: T8





View flat at a comfortable arm's length

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



National Grid Coordinate (ITM)
Easting: 509087
Northing: 832938
Elevation: 78.2 m

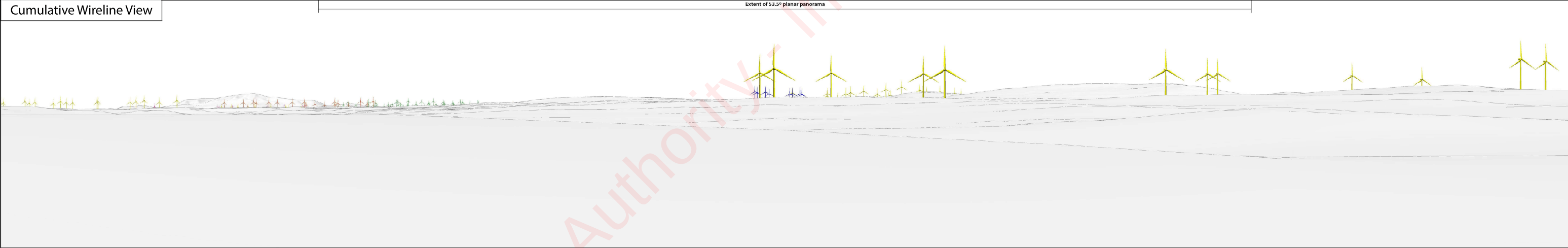
Horizontal Field of View: 53.5° (planar projection)
Principal Distance: 812.5 mm
Paper size: (half A1) 841 x 297 mm
Correct printed image size: 820 x 260 mm

Date and Time: 2022/03/23 10:06
Camera: Canon 5D Mark II
Lens: Fixed 50mm
Camera Height: 1.7m (AGL)

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

253 °
1.8 km
T8





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
- Pre - Planning Turbines



National Grid Coordinate (ITM)
Easting: 519108
Northing: 832862
Elevation: 12.1 m

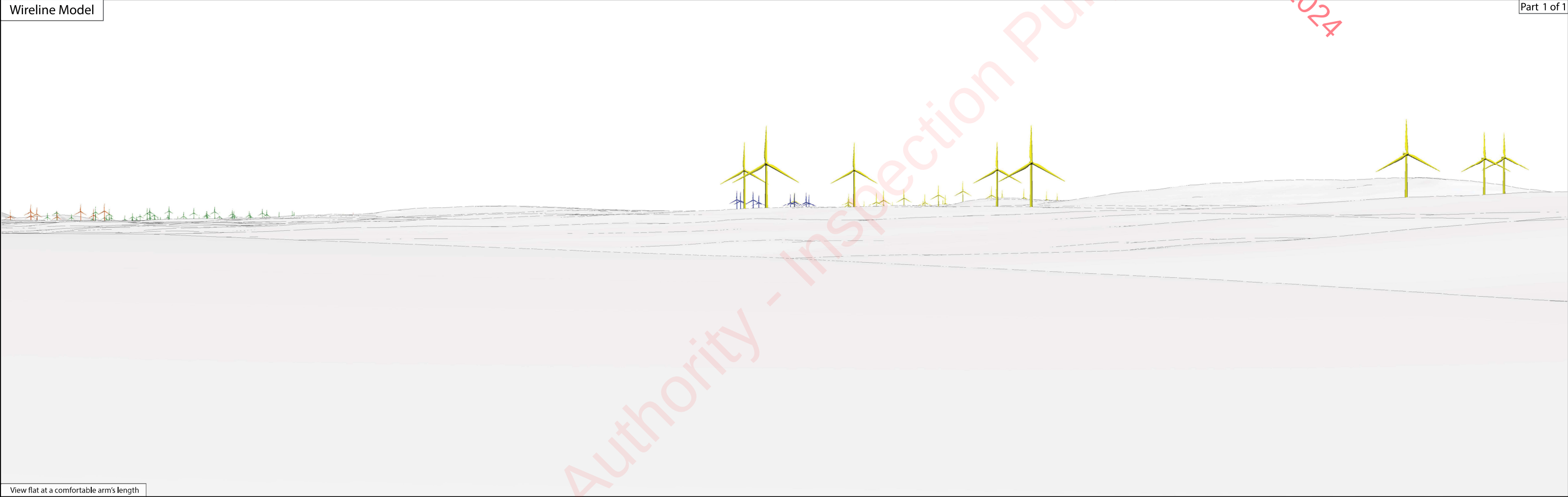
Horizontal Field of View: 90 ° (cylindrical projection)
Principal Distance: 522 mm
Turbine Tip Height: 180m
Turbine Hub Height: 105m
Turbine Rotor Diameter: 150m

Date and Time: 06/04/2023 09:31
Camera: Canon 5D Mark II
Lens: Fixed 50mm
Camera Height: 1.7m (AGL)

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

267 °
11.8 km
T8





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
- Pre - Planning Turbines



National Grid Coordinate (ITM)
Easting: 519108
Northing: 832862
Elevation: 12.1 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: 2023/04/06 09:31
Camera: Canon 5D Mark II
Lens: Fixed 50mm
Camera Height: 1.7m (AGL)

Direction (clockwise from Grid N): 267°
Distance to Nearest Visible Turbine: 11.8 km
Nearest Turbine: T8





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



National Grid Coordinate (ITM)
Easting: 519108
Northing: 832862
Elevation: 12.1 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: 2023/04/06 09:31
Camera: Canon 5D Mark II
Lens: Fixed 50mm
Camera Height: 1.7m (AGL)

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

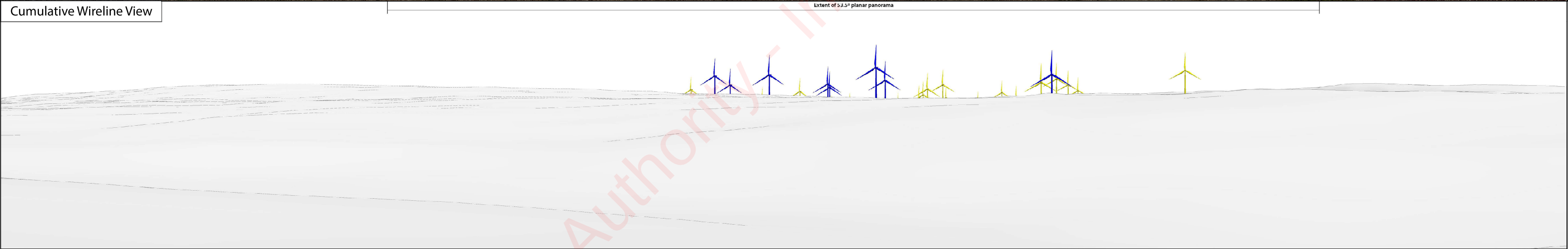
267°
11.8 km
T8



Keerglen Wind Farm - Landscape and Visual Impact Assessment

Local Road south of site at Glenedagh Oughter

Viewpoint Ref: VP12



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
- Pre - Planning Turbines



National Grid Coordinate (ITM)
Easting: 509874
Northing: 830687
Elevation: 70.5 m

Horizontal Field of View: 90 ° (cylindrical projection)
Principal Distance: 522 mm
Turbine Tip Height: 180m
Turbine Hub Height: 105m
Turbine Rotor Diameter: 150m

Date and Time: 23/03/2022 09:47
Camera: Canon 5D Mark II
Lens: Fixed 50mm
Camera Height: 1.7m (AGL)

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

289 °
3.1 km
T8





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
- Pre - Planning Turbines



National Grid Coordinate (ITM)
Easting: 509874
Northing: 830687
Elevation: 70.5 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: 2022/03/23 09:47
Camera: Canon 5D Mark II
Lens: Fixed 50mm
Camera Height: 1.7m (AGL)

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

293 °
3.1 km
T8





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: 509874
Northing: 830687
Elevation: 70.5 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: 2022/03/23 09:47
Camera: Canon 5D Mark II
Lens: Fixed 50mm
Camera Height: 1.7m (AGL)

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

293 °
3.1 km
T8





RECEIVED: 29/08/2024

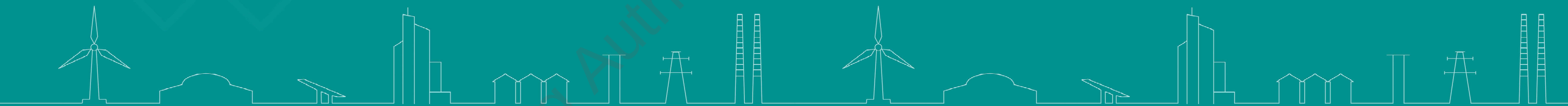
macroworks

LVIA PHOTOMONTAGES

Keerglen Wind Farm
Book 2: VP13 - VP23 and Comparative Views

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

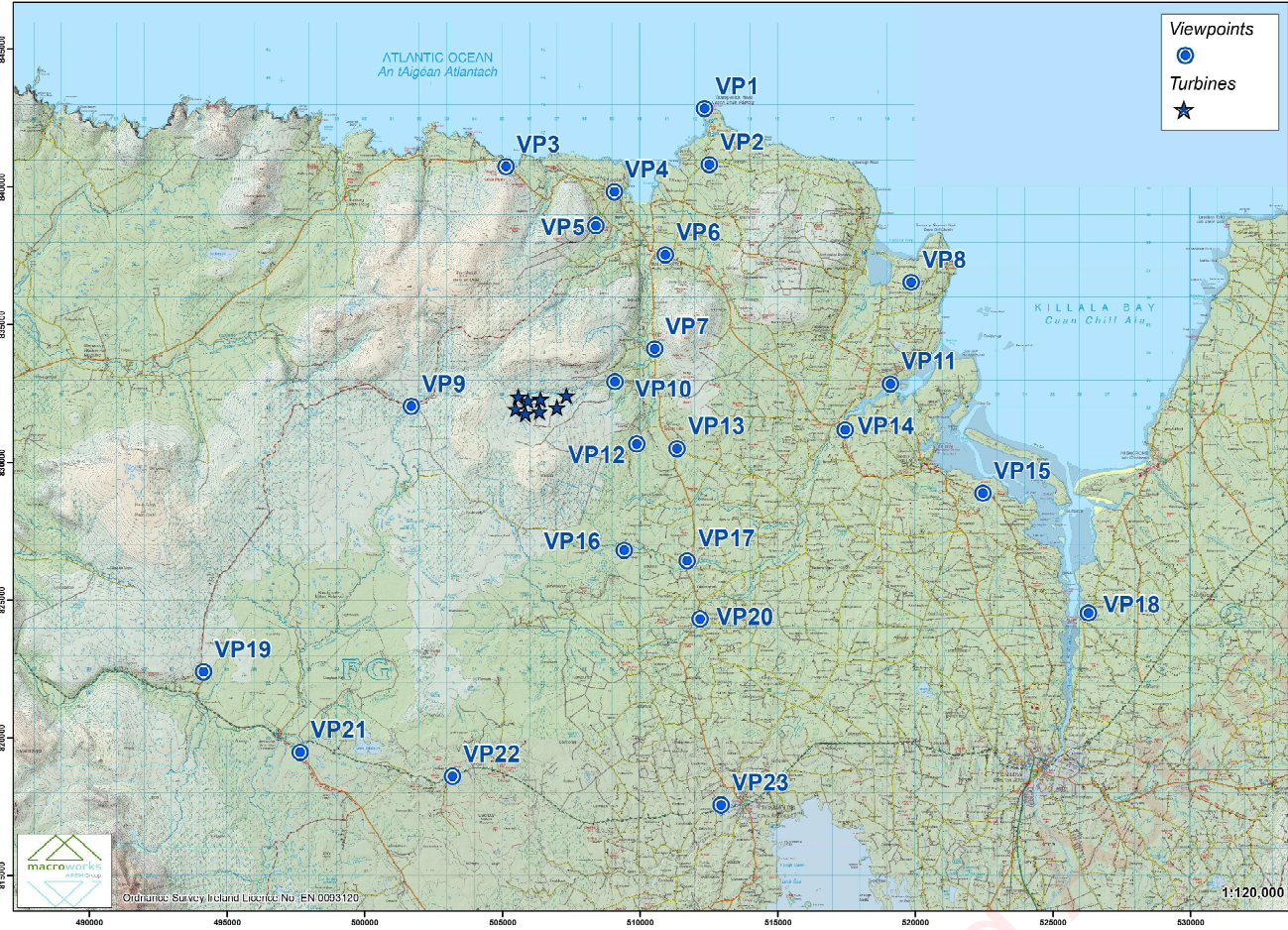
June 2024



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

Index of Imagery

LVIA viewpoint locations selected for the Keerglen Wind Farm project



VP13: R315 at Creevagh More

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

VP14: Local Road at Castlereagh (Eurovelo)

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

VP15: Western Way at Moyne Abbey

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

VP16: Local Road at Carnlough

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

VP17: R315 at Garanard

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

VP18: L2605 at Killanly

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

VP19: Western way at Ballmonnelly

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

VP20: Moygownagh New Cemetery

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

VP21: Junction of N59 / and R312 (Western Way)

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

VP22: N59 at Dooleeg More

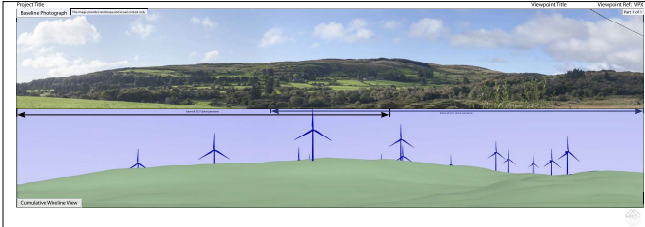
Page 1: Baseline (Contextual Wireline and Photo)
Page 2: Wireline
Page 3: Photomontage

VP23: St . Tiernan's Cemetery Crossmolina

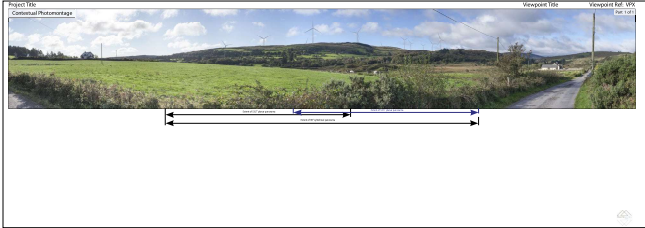
Page 1: Baseline (Contextual Wireline and Photo)
Page 2: Wireline
Page 3: Photomontage

How photomontages are presented for each viewpoint

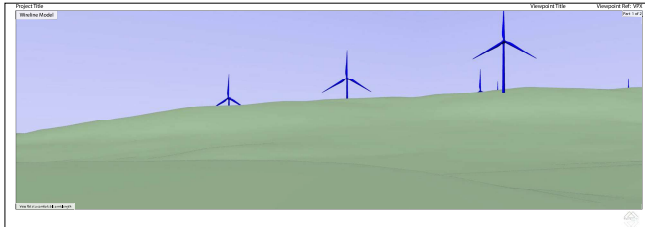
Sheet 1: 90° Baseline panorama and matching wireline



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



Sheet 3: 53.5° Wireline View



Sheet 4: 53.5° Panoramic Photomontage View



What is Displayed

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

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

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

Information relating to the viewpoint, proposed development and photography capture are included. A small thumbnail map is included which indicates the location of the viewpoint and the direction and extent of the depicted view. A coloured legend referencing turbines are also included to help distinguish the proposed turbines from the other cumulative turbines.

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

The image demonstrates a contextual panoramic photomontage view (ranging from 120° to 180° included angle) which is generated from captured photography. It includes the proposed wind farm development and includes only other existing cumulative wind farm developments. Extent bars indicate the extent of both the 53.5° Panoramic Photomontage/Wireline Views and the 90° Baseline Views within the depicted Contextual Panoramic Photomontage View.

Information relating to the viewpoint, proposed development and photography capture are included. A small thumbnail map is included which indicates the location of the viewpoint and the direction and extent of the depicted view.

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

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

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

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

Information relating to the viewpoint, proposed development and photography capture are included. A small thumbnail map is included which indicates the location of the viewpoint and the direction and extent of the depicted view.

Rationale

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

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

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.**

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.**



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
- Pre - Planning Turbines



National Grid Cordinate (ITM)
Easting: 511351
Northing: 830514
Elevation: 49.5 m

Horizontal Field of View: 90 ° (cylindrical projection)
Principal Distance: 522 mm
Turbine Tip Height: 180m
Turbine Hub Height: 105m
Turbine Rotor Diameter: 150m

Date and Time: 23/03/2022 09:39
Camera: Canon 5D Mark II
Lens: Fixed 50mm
Camera Height: 1.7m (AGL)

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

288 °
4.4 km
T8





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
- Pre - Planning Turbines



National Grid Cordinate (ITM)
Easting: 511351
Northing: 830514
Elevation: 49.5 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: 2022/03/23 09:39
Camera: Canon 5D Mark II
Lens: Fixed 50mm
Camera Height: 1.7m (AGL)

Direction (clockwise from Grid N): 288°
Distance to Nearest Visible Turbine: 4.4 km
Nearest Turbine: T8





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: 511351
Northing: 830514
Elevation: 49.5 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: 2022/03/23 09:39
Camera: Canon 5D Mark II
Lens: Fixed 50mm
Camera Height: 1.7m (AGL)

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

288°
4.4 km
T8



Keerglen Wind Farm - Landscape and Visual Impact Assessment

Local Road at Castlereagh (Eurovelo)

Viewpoint Ref: VP14



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
- Pre-Planning Turbines



National Grid Coordinate (ITM)
Easting: 517461
Northing: 831194
Elevation: 24.2 m

Horizontal Field of View: 90 ° (cylindrical projection)
Principal Distance: 522 mm
Turbine Tip Height: 180m
Turbine Hub Height: 105m
Turbine Rotor Diameter: 150m

Date and Time: 23/03/2022 12:08
Camera: Canon 5D Mark II
Lens: Fixed 50mm
Camera Height: 1.7m (AGL)

Direction (clockwise from Grid N): 275 °
Distance to Nearest Visible Turbine: 10.2 km
Nearest Turbine: T8





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
- Pre - Planning Turbines



National Grid Cordinate (ITM)
Easting: 517461
Northing: 831194
Elevation: 24.2 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: 2022/03/23 12:08
Camera: Canon 5D Mark II
Lens: Fixed 50mm
Camera Height: 1.7m (AGL)

Direction (clockwise from Grid N): 275 °
Distance to Nearest Visible Turbine: 10.2 km
Nearest Turbine: T8





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: 517461
Northing: 831194
Elevation: 24.2 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: 2022/03/23 12:08
Camera: Canon 5D Mark II
Lens: Fixed 50mm
Camera Height: 1.7m (AGL)

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

275°
10.2 km
T8





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
- Pre - Planning Turbines



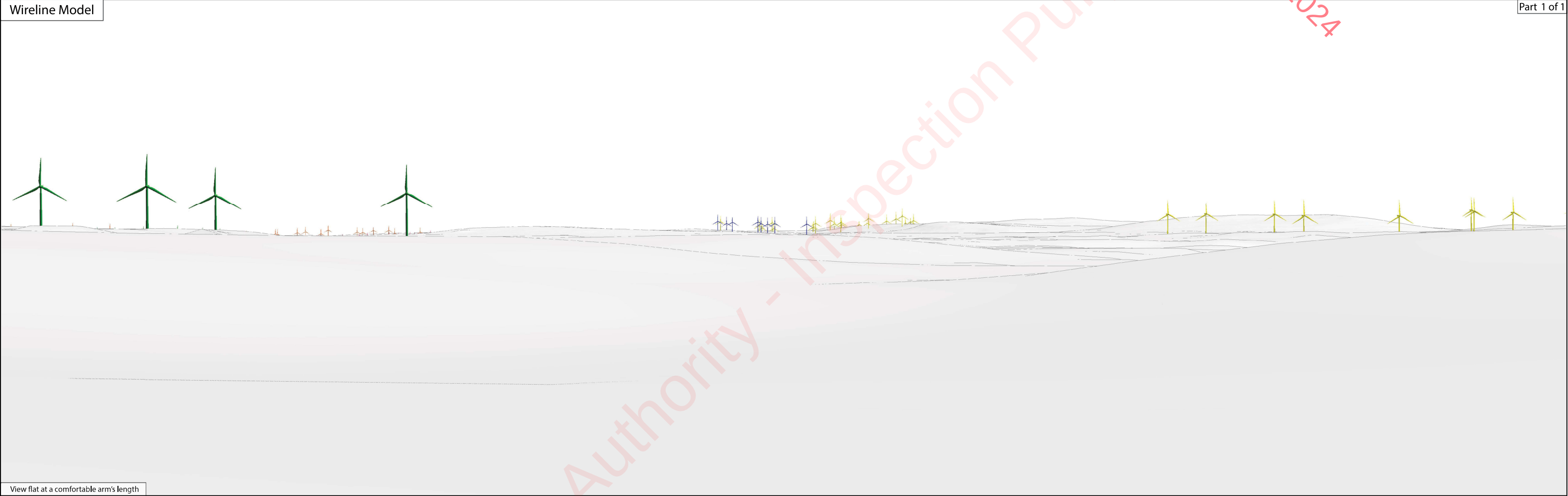
National Grid Coordinate (ITM)
Easting: 522460
Northing: 828892
Elevation: 22.4 m

Horizontal Field of View: 90 ° (cylindrical projection)
Principal Distance: 522 mm
Turbine Tip Height: 180m
Turbine Hub Height: 105m
Turbine Rotor Diameter: 150m

Date and Time: 23/03/2022 12:29
Camera: Canon 5D Mark II
Lens: Fixed 50mm
Camera Height: 1.7m (AGL)

Direction (clockwise from Grid N): 282 °
Distance to Nearest Visible Turbine: 15.5 km
Nearest Turbine: T8





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
- Pre - Planning Turbines



National Grid Coordinate (ITM)
Easting: 522460
Northing: 828892
Elevation: 22.4 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: 2022/03/23 12:29
Camera: Canon 5D Mark II
Lens: Fixed 50mm
Camera Height: 1.7m (AGL)

Direction (clockwise from Grid N): 282°
Distance to Nearest Visible Turbine: 15.5 km
Nearest Turbine: T8





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: 522460
Northing: 828892
Elevation: 22.4 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: 2022/03/23 12:29
Camera: Canon 5D Mark II
Lens: Fixed 50mm
Camera Height: 1.7m (AGL)

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

282°
15.5 km
T8



Keerglen Wind Farm - Landscape and Visual Impact Assessment

Local Road at Carnlough

Viewpoint Ref: VP16



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
- Pre-Planning Turbines



National Grid Coordinate (ITM)
Easting: 509420
Northing: 826821
Elevation: 80.5 m

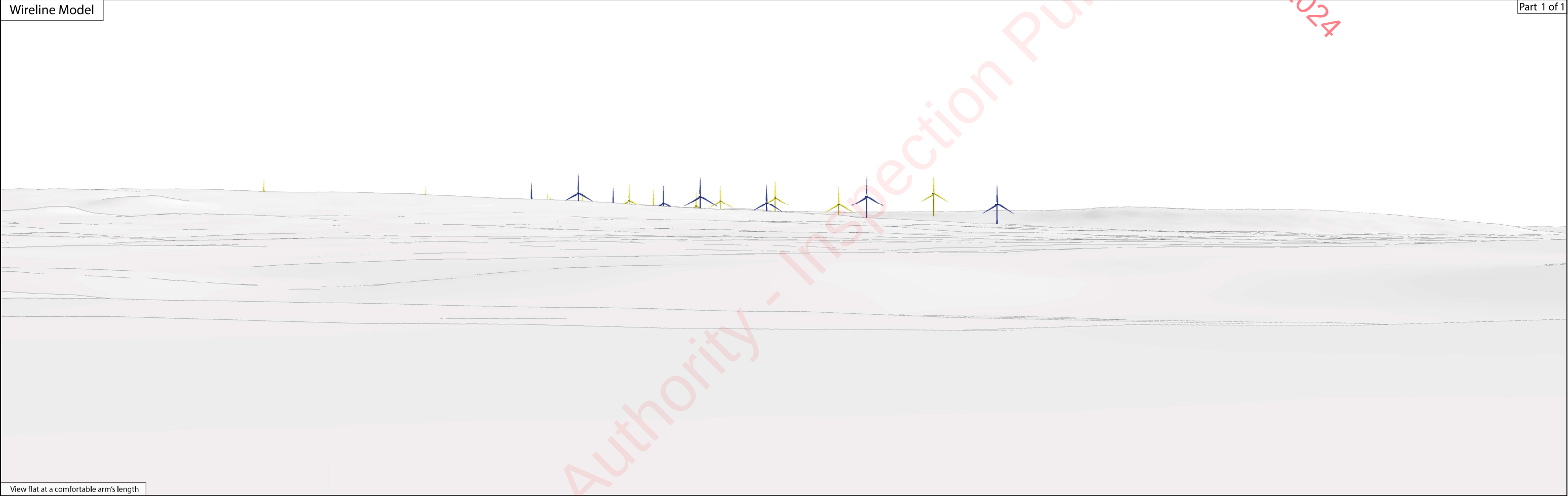
Horizontal Field of View: 90° (cylindrical projection)
Principal Distance: 522 mm
Turbine Tip Height: 180m
Turbine Hub Height: 105m
Turbine Rotor Diameter: 150m

Date and Time: 23/03/2022 09:22
Camera: Canon 5D Mark II
Lens: Fixed 50mm
Camera Height: 1.7m (AGL)

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

331°
5.7 km
T7





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
- Pre - Planning Turbines



National Grid Cordinate (ITM)
Easting: 509420
Northing: 826821
Elevation: 80.5 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: 2022/03/23 09:22
Camera: Canon 5D Mark II
Lens: Fixed 50mm
Camera Height: 1.7m (AGL)

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

331°
5.7 km
T7





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



National Grid Coordinate (ITM)
Easting: 509420
Northing: 826821
Elevation: 80.5 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: 2022/03/23 09:22
Camera: Canon 5D Mark II
Lens: Fixed 50mm
Camera Height: 1.7m (AGL)

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

331°
5.7 km
T7





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
- Pre-Planning Turbines



National Grid Cordinate (ITM)
Easting: 511717
Northing: 826436
Elevation: 55.4 m

Horizontal Field of View: 90 ° (cylindrical projection)
Principal Distance: 522 mm
Turbine Tip Height: 180m
Turbine Hub Height: 105m
Turbine Rotor Diameter: 150m

Date and Time: 23/03/2022 09:14
Camera: Canon 5D Mark II
Lens: Fixed 50mm
Camera Height: 1.7m (AGL)

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

318 °
7.3 km
T7





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
- Pre - Planning Turbines



National Grid Cordinate (ITM)
Easting: 511717
Northing: 826436
Elevation: 55.4 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: 2022/03/23 09:14
Camera: Canon 5D Mark II
Lens: Fixed 50mm
Camera Height: 1.7m (AGL)

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

318°
7.3 km
T7





View flat at a comfortable arm's length

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



National Grid Coordinate (ITM)
Easting: 511717
Northing: 826436
Elevation: 55.4 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: 2022/03/23 09:14
Camera: Canon 5D Mark II
Lens: Fixed 50mm
Camera Height: 1.7m (AGL)

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

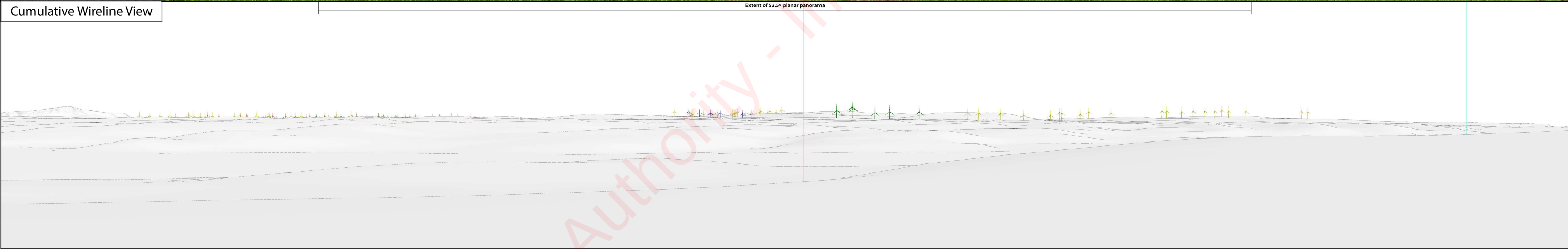
318°
7.3 km
T7



Keerglen Wind Farm - Landscape and Visual Impact Assessment

L2605 at Killanly

Viewpoint Ref: VP18



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
- Pre - Planning Turbines



National Grid Cordinate (ITM)
Easting: 526299
Northing: 824541
Elevation: 23.5 m

Horizontal Field of View: 90 ° (cylindrical projection)
Principal Distance: 522 mm
Turbine Tip Height: 180m
Turbine Hub Height: 105m
Turbine Rotor Diameter: 150m

Date and Time: 09/10/2023 11:44
Camera: Canon 5D Mark II
Lens: Fixed 50mm
Camera Height: 1.7m (AGL)

Direction (clockwise from Grid N): 295 °
Distance to Nearest Visible Turbine: 20.5 km
Nearest Turbine: T8



Wireline Model

Part 1 of 1



View flat at a comfortable arm's length

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

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



National Grid Coordinate (ITM)
Easting: 526299
Northing: 824541
Elevation: 23.5 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: 2023/10/09 11:44
Camera: Canon 5D Mark II
Lens: Fixed 50mm
Camera Height: 1.7m (AGL)

Direction (clockwise from Grid N): 295°
Distance to Nearest Visible Turbine: 20.5 km
Nearest Turbine: T8



Photomontage

Part 1 of 1



View flat at a comfortable arm's length

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



National Grid Cordinate (ITM)
Easting: 526299
Northing: 824541
Elevation: 23.5 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: 2023/10/09 11:44
Camera: Canon 5D Mark II
Lens: Fixed 50mm
Camera Height: 1.7m (AGL)

Direction (clockwise from Grid N): 295°
Distance to Nearest Visible Turbine: 20.5 km
Nearest Turbine: T8





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
- Pre-Planning Turbines



National Grid Coordinate (ITM)
Easting: 494142
Northing: 822400
Elevation: 103.9 m

Horizontal Field of View: 90° (cylindrical projection)
Principal Distance: 522 mm
Turbine Tip Height: 180m
Turbine Hub Height: 105m
Turbine Rotor Diameter: 150m

Date and Time: 06/11/2020 14:13
Camera: Canon 5D Mark II
Lens: Fixed 50mm
Camera Height: 1.7m (AGL)

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

51°
14.8 km
T2





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
- Pre - Planning Turbines



National Grid Cordinate (ITM)
Easting: 494142
Northing: 822400
Elevation: 103.9 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: 2020/11/06 14:13
Camera: Canon 5D Mark II
Lens: Fixed 50mm
Camera Height: 1.7m (AGL)

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

51°
14.8 km
T2





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



National Grid Coordinate (ITM)
Easting: 494142
Northing: 822400
Elevation: 103.9 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: 2020/11/06 14:13
Camera: Canon 5D Mark II
Lens: Fixed 50mm
Camera Height: 1.7m (AGL)

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

51°
14.8 km
T2





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

Pre-Planning Turbines

National Grid Cordinate (ITM)

Easting: 512185

Northing: 824320

Elevation: 48 m

Horizontal Field of View: 90 ° (cylindrical projection)

Principal Distance: 522 mm

Turbine Tip Height: 180m

Turbine Hub Height: 105m

Turbine Rotor Diameter: 150m

Date and Time: 09/10/2023 14:57

Camera: Canon 5D Mark II

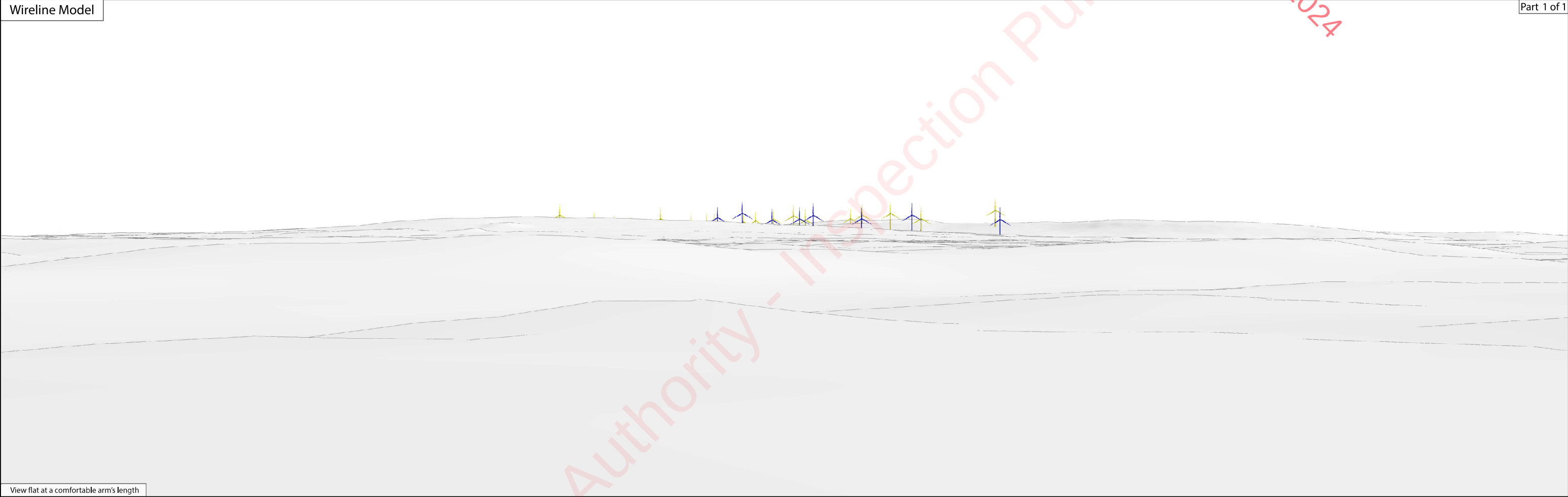
Lens: Fixed 50mm

Camera Height: 1.7m (AGL)

Direction (clockwise from Grid N): 321 °

Distance to Nearest Visible Turbine: 9.3 km

Nearest Turbine: T7



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
- Pre - Planning Turbines



National Grid Coordinate (ITM)
Easting: 512185
Northing: 824320
Elevation: 48.0 m

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

Date and Time: 2023/10/09 14:57
Camera: Canon 5D Mark II
Lens: Fixed 50mm
Camera Height: 1.7m (AGL)

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

321 °
9.3 km
T7





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



National Grid Coordinate (ITM)
Easting: 512185
Northing: 824320
Elevation: 48.0 m

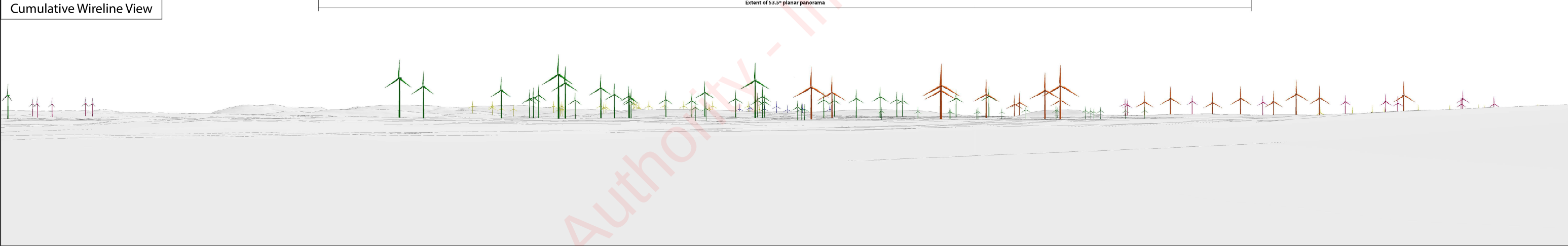
Horizontal Field of View: 53.5° (planar projection)
Principal Distance: 812.5 mm
Paper size: (half A1) 841 x 297 mm
Correct printed image size: 820 x 260 mm

Date and Time: 2023/10/09 14:57
Camera: Canon 5D Mark II
Lens: Fixed 50mm
Camera Height: 1.7m (AGL)

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

321°
9.3 km
T7





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
- Pre-Planning Turbines



National Grid Coordinate (ITM)
Easting: 503183
Northing: 818615
Elevation: 87.9 m

Horizontal Field of View: 90° (cylindrical projection)
Principal Distance: 522 mm
Turbine Tip Height: 180m
Turbine Hub Height: 105m
Turbine Rotor Diameter: 150m

Date and Time: 10/07/2022 11:47
Camera: Canon 5D Mark II
Lens: Fixed 50mm
Camera Height: 1.7m (AGL)

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

34°
14.7 km
T2





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
- Pre - Planning Turbines



National Grid Coordinate (ITM)
Easting: 503183
Northing: 818615
Elevation: 87.9 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: 2022/07/10 11:47
Camera: Canon 5D Mark II
Lens: Fixed 50mm
Camera Height: 1.7m (AGL)

Direction (clockwise from Grid N): 34°
Distance to Nearest Visible Turbine: 14.7 km
Nearest Turbine: T2





View flat at a comfortable arm's length

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



National Grid Coordinate (ITM)
Easting: 503183
Northing: 818615
Elevation: 87.9 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: 2022/07/10 11:47
Camera: Canon 5D Mark II
Lens: Fixed 50mm
Camera Height: 1.7m (AGL)

Direction (clockwise from Grid N): 34°
Distance to Nearest Visible Turbine: 14.7 km
Nearest Turbine: T2





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
- Pre-Planning Turbines



National Grid Coordinate (ITM)
Easting: 497650
Northing: 819490
Elevation: 83.5 m

Horizontal Field of View: 90 ° (cylindrical projection)
Principal Distance: 522 mm
Turbine Tip Height: 180m
Turbine Hub Height: 105m
Turbine Rotor Diameter: 150m

Date and Time: 06/06/2023 12:56
Camera: Canon 5D Mark II
Lens: Fixed 50mm
Camera Height: 1.7m (AGL)

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

14 °
13.4 km
T3





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
- Pre - Planning Turbines



National Grid Coordinate (ITM)
Easting: 497650
Northing: 819490
Elevation: 83.5 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: 2023/06/06 12:56
Camera: Canon 5D Mark II
Lens: Fixed 50mm
Camera Height: 1.7m (AGL)

Direction (clockwise from Grid N): 14°
Distance to Nearest Visible Turbine: 13.4 km
Nearest Turbine: T3





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



National Grid Coordinate (ITM)
Easting: 497650
Northing: 819490
Elevation: 83.5 m

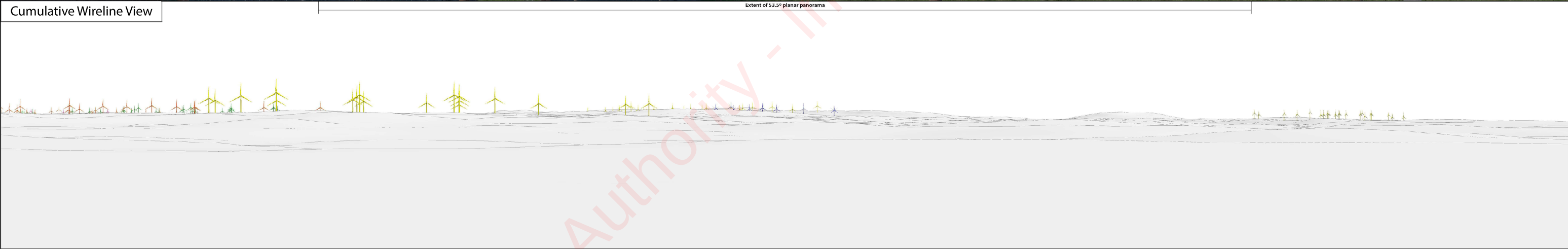
Horizontal Field of View: 53.5° (planar projection)
Principal Distance: 812.5 mm
Paper size: (half A1) 841 x 297 mm
Correct printed image size: 820 x 260 mm

Date and Time: 2023/06/06 12:56
Camera: Canon 5D Mark II
Lens: Fixed 50mm
Camera Height: 1.7m (AGL)

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

14°
13.4 km
T3





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
-  Pre-Planning Turbines



National Grid Coordinate (ITM)
Easting: 512950
Northing: 817580
Elevation: 28.5 m

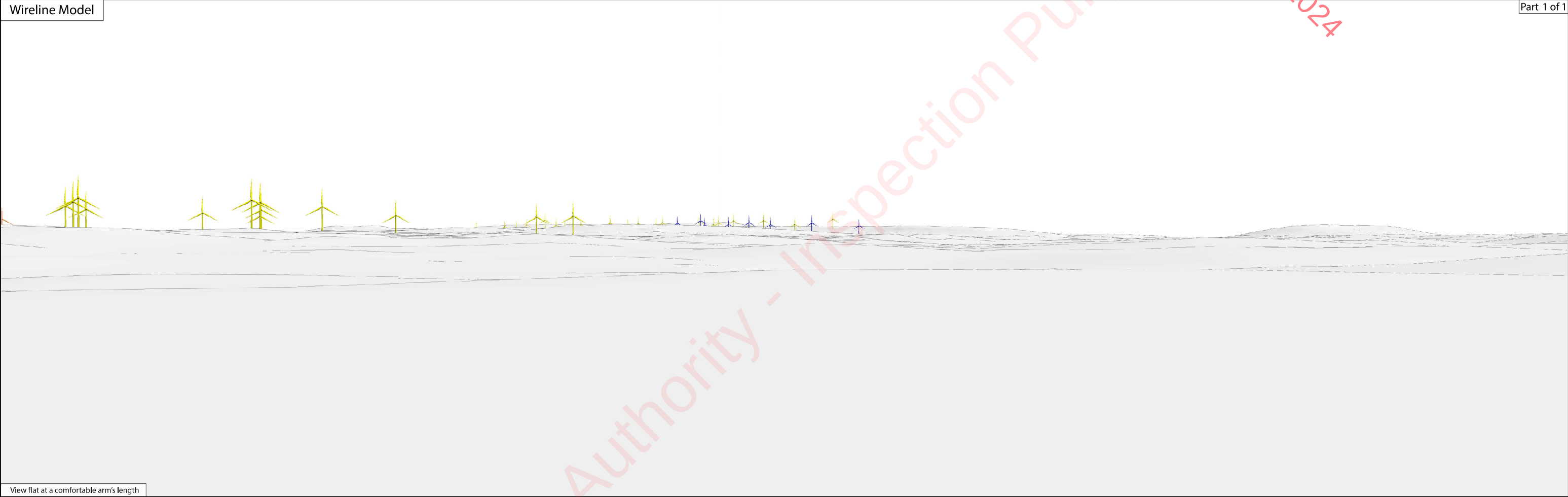
Horizontal Field of View: 90 ° (cylindrical projection)
Principal Distance: 522 mm
Turbine Tip Height: 180m
Turbine Hub Height: 105m
Turbine Rotor Diameter: 150m

Date and Time: 09/10/2023 14:24
Camera: Canon 5D Mark II
Lens: Fixed 50mm
Camera Height: 1.7m (AGL)

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

336 °
15.6 km
T7





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
- Pre - Planning Turbines



National Grid Cordinate (ITM)
Easting: 512950
Northing: 817580
Elevation: 28.5 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: 2023/10/09 14:24
Camera: Canon 5D Mark II
Lens: Fixed 50mm
Camera Height: 1.7m (AGL)

Direction (clockwise from Grid N): 336 °
Distance to Nearest Visible Turbine: 15.6 km
Nearest Turbine: T7





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: 512950
Northing: 817580
Elevation: 28.5 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: 2023/10/09 14:24
Camera: Canon 5D Mark II
Lens: Fixed 50mm
Camera Height: 1.7m (AGL)

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

336 °
15.6 km
T7

