

# Cnoc Raithní (Knockranny) Wind Farm

Volume III Appendix 4.5: LVIA and Comparative Photomontages  
Book 2: VP13 - VP21 and Comparative Photomontages

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

May 2023



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## LVIA viewpoint locations selected for the Cnoc Raithní (Knockranny) Wind Farm



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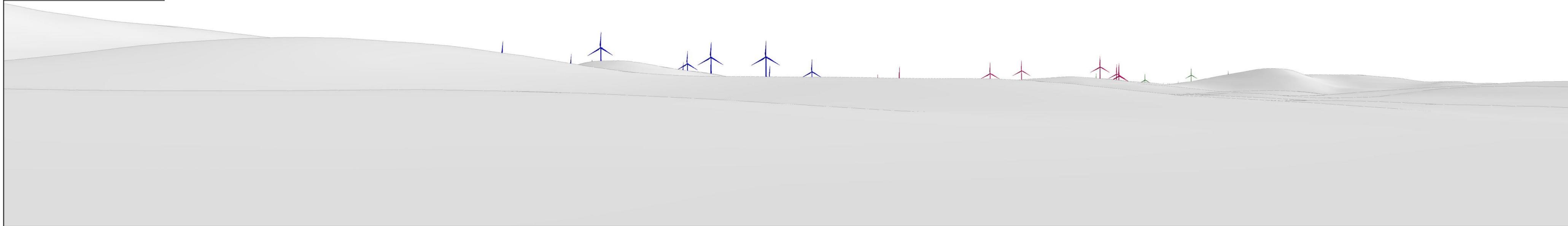
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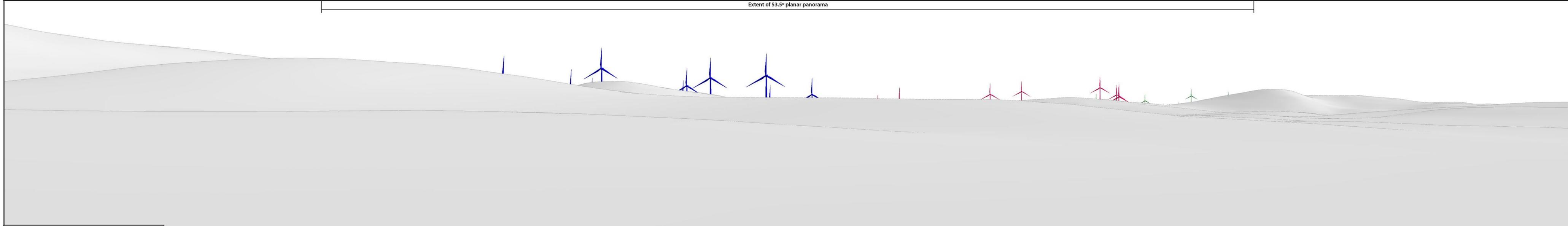
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**Cumulative Wireline View** This image shows the permitted development



Extent of 53.5° planar panorama



**Cumulative Wireline View** This image shows the proposed development

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'. In this instance, the above 90° (cylindrical projection) images are displayed as wireline views for comparative purposes so that a full and robust assessment can be made of the project.

- Proposed Development / Permitted Development Turbines
- Existing Turbines
- Permitted/ Under Construction Turbines



National Grid Cordinate (ITM)  
 Easting: 518978  
 Northing: 735239  
 Elevation: 20.2 m

Horizontal Field of View: 90° (cylindrical projection)  
 Principal Distance: 522 mm  
 Permitted Turbine Tip Height: 130.5 / 140.5m  
 Permitted Turbine Hub Height: 80 / 90m  
 Permitted Turbine Rotor Diameter: 101m

Horizontal Field of View: 90° (cylindrical projection)  
 Principal Distance: 522 mm  
 Proposed Turbine Tip Height: 150m  
 Proposed Turbine Hub Height: 82m  
 Proposed Turbine Rotor Diameter: 136m

Date and Time: 02/03/2023 12:16  
 Camera: Canon 5D Mark II  
 Lens: Fixed 50mm  
 Camera Height: 1.7m (AGL)

Direction (clockwise from Grid N): 257°  
 Distance to Nearest Visible Permitted Turbine: 3 km  
 Nearest Permitted Turbine: T8  
 Distance to Nearest Visible Proposed Turbine: 3 km  
 Nearest Proposed Turbine: T8



Permitted Development (Imminent Baseline) Photomontage



Proposed Development Photomontage



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'. In this instance, the above 90° (cylindrical projection) images are displayed as photomontage views for comparative purposes so that a full and robust assessment can be made of the project.



National Grid Coordinate (ITM)  
 Easting: 518978  
 Northing: 735239  
 Elevation: 20.2 m

Horizontal Field of View: 90° (cylindrical projection)  
 Principal Distance: 522 mm  
 Permitted Turbine Tip Height: 130.5 / 140.5m  
 Permitted Turbine Hub Height: 80 / 90m  
 Permitted Turbine Rotor Diameter: 101m

Horizontal Field of View: 90° (cylindrical projection)  
 Principal Distance: 522 mm  
 Proposed Turbine Tip Height: 150m  
 Proposed Turbine Hub Height: 82m  
 Proposed Turbine Rotor Diameter: 136m

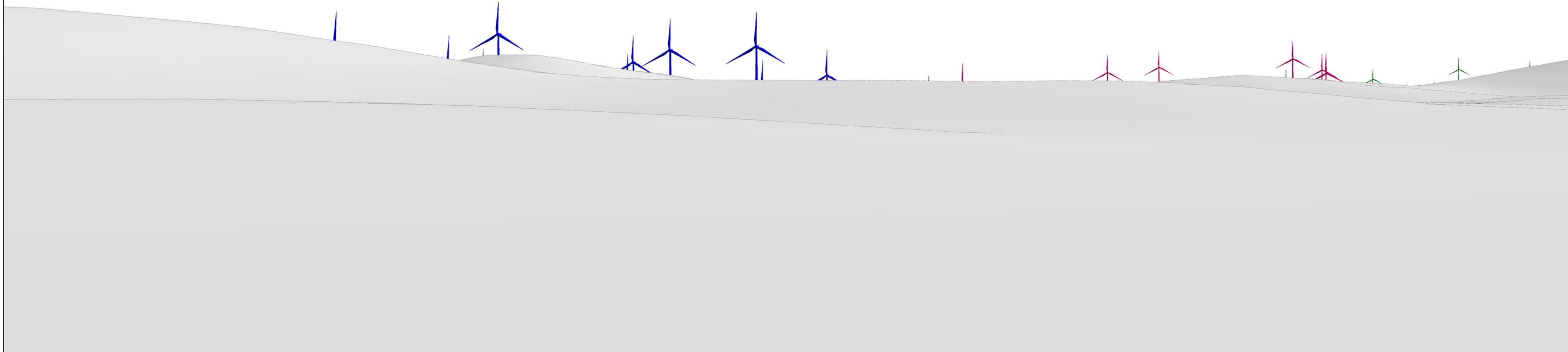
Date and Time: 02/03/2023 12:16  
 Camera: Canon 5D Mark II  
 Lens: Fixed 50mm  
 Camera Height: 1.7m (AGL)

Direction (clockwise from Grid N): 257°  
 Distance to Nearest Visible Permitted Turbine: 3 km  
 Nearest Permitted Turbine: T8  
 Distance to Nearest Visible Proposed Turbine: 3 km  
 Nearest Proposed Turbine: T8



Proposed Development Wireline - 53.5°

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 Development Turbines
-  Existing Turbines
-  Permitted/ Under Construction Turbines



National Grid Coordinate (ITM)  
 Easting: 518978  
 Northing: 735239  
 Elevation: 20.2 m

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

Date and Time: 02/03/2023 12:16  
 Camera: Canon 5D Mark II  
 Lens: Fixed 50mm  
 Camera Height: 1.7m (AGL)

Direction (clockwise from Grid N): 257 °  
 Distance to Nearest Visible Turbine: 3 km  
 Nearest Turbine: T8



Proposed Development Photomontage - 53.5°

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: 518978  
 Northing: 735239  
 Elevation: 20.2 m

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

Date and Time: 02/03/2023 12:16  
 Camera: Canon 5D Mark II  
 Lens: Fixed 50mm  
 Camera Height: 1.7m (AGL)

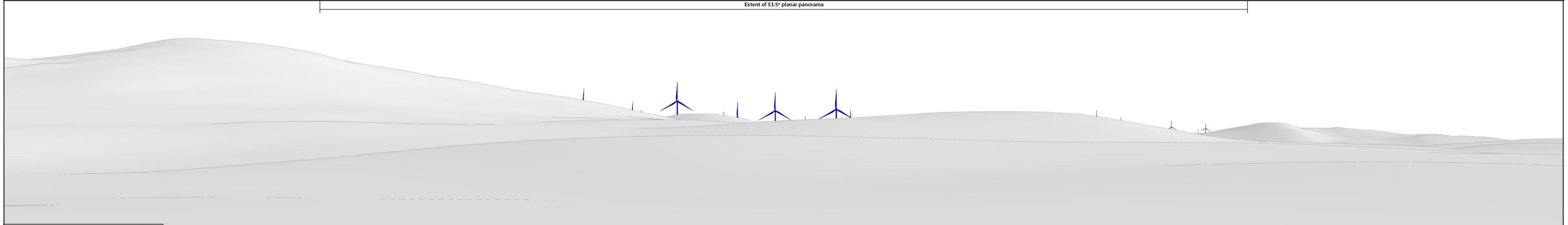
Direction (clockwise from Grid N): 257°  
 Distance to Nearest Visible Turbine: 3 km  
 Nearest Turbine: T8



Cumulative Wireline View This image shows the permitted development



Extent of 53.5° planar panorama



Cumulative Wireline View This image shows the proposed development

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'. In this instance, the above 90° (cylindrical projection) images are displayed as wireline views for comparative purposes so that a full and robust assessment can be made of the project.

- Proposed Development / Permitted Development Turbines
- Existing Turbines
- Permitted/ Under Construction Turbines



National Grid Coordinate (ITM)  
 Easting: 519310  
 Northing: 734923  
 Elevation: 16.6 m

Horizontal Field of View: 90° (cylindrical projection)  
 Principal Distance: 522 mm  
 Permitted Turbine Tip Height: 130.5 / 140.5m  
 Permitted Turbine Hub Height: 80 / 90m  
 Permitted Turbine Rotor Diameter: 101m

Horizontal Field of View: 90° (cylindrical projection)  
 Principal Distance: 522 mm  
 Proposed Turbine Tip Height: 150m  
 Proposed Turbine Hub Height: 82m  
 Proposed Turbine Rotor Diameter: 136m

Date and Time: 02/03/2023 12:08  
 Camera: Canon 5D Mark II  
 Lens: Fixed 50mm  
 Camera Height: 1.7m (AGL)

Direction (clockwise from Grid N): 260°  
 Distance to Nearest Visible Permitted Turbine: 3.2 km  
 Nearest Permitted Turbine: T8°  
 Distance to Nearest Visible Proposed Turbine: 3.2 km  
 Nearest Proposed Turbine: T8



Permitted Development (Imminent Baseline) Photomontage



Proposed Development Photomontage



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National Grid Coordinate (ITM)  
 Easting: 519310  
 Northing: 734923  
 Elevation: 16.6 m

Horizontal Field of View: 90° (cylindrical projection)  
 Principal Distance: 522 mm  
 Permitted Turbine Tip Height: 130.5 / 140.5m  
 Permitted Turbine Hub Height: 80 / 90m  
 Permitted Turbine Rotor Diameter: 101m

Horizontal Field of View: 90° (cylindrical projection)  
 Principal Distance: 522 mm  
 Proposed Turbine Tip Height: 150m  
 Proposed Turbine Hub Height: 82m  
 Proposed Turbine Rotor Diameter: 136m

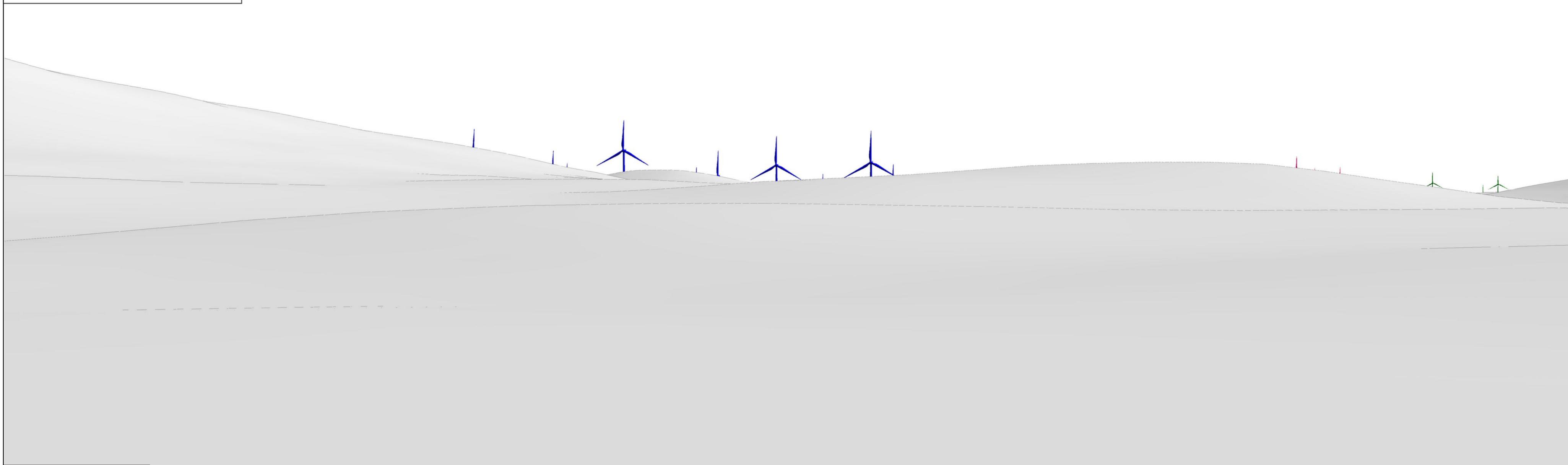
Date and Time: 02/03/2023 12:08  
 Camera: Canon 5D Mark II  
 Lens: Fixed 50mm  
 Camera Height: 1.7m (AGL)

Direction (clockwise from Grid N): 260°  
 Distance to Nearest Visible Permitted Turbine: 3.2 km  
 Nearest Permitted Turbine: T8  
 Distance to Nearest Visible Proposed Turbine: 3.2 km  
 Nearest Proposed Turbine: T8



Proposed Development Wireline - 53.5°

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 Development Turbines
- Existing Turbines
- Permitted/ Under Construction Turbines



National Grid Coordinate (ITM)  
 Easting: 519310  
 Northing: 734923  
 Elevation: 16.6 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: 02/03/2023 12:08  
 Camera: Canon 5D Mark II  
 Lens: Fixed 50mm  
 Camera Height: 1.7m (AGL)

Direction (clockwise from Grid N): 260 °  
 Distance to Nearest Visible Turbine: 3.2 km  
 Nearest Turbine: T8



Proposed Development Photomontage - 53.5°

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: 519310  
 Northing: 734923  
 Elevation: 16.6 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: 02/03/2023 12:08  
 Camera: Canon 5D Mark II  
 Lens: Fixed 50mm  
 Camera Height: 1.7m (AGL)

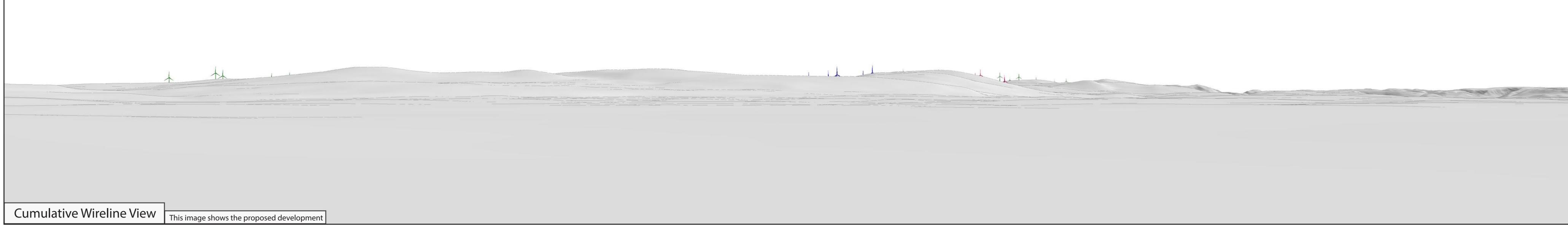
Direction (clockwise from Grid N): 260°  
 Distance to Nearest Visible Turbine: 3.2 km  
 Nearest Turbine: T8



Cumulative Wireline View This image shows the permitted development



Cumulative Wireline View This image shows the proposed development



Cumulative Wireline View This image shows the proposed development

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'. In this instance, the above 90° (cylindrical projection) images are displayed as wireline views for comparative purposes so that a full and robust assessment can be made of the project.

 Proposed Development / Permitted Development Turbines
  Existing Turbines
  Permitted/ Under Construction Turbines



National Grid Coordinate (ITM)  
 Easting: 524114  
 Northing: 732327  
 Elevation: 10.6 m

Horizontal Field of View: 90° (cylindrical projection)  
 Principal Distance: 522 mm  
 Permitted Turbine Tip Height: 130.5 / 140.5m  
 Permitted Turbine Hub Height: 80 / 90m  
 Permitted Turbine Rotor Diameter: 101m

Horizontal Field of View: 90° (cylindrical projection)  
 Principal Distance: 522 mm  
 Proposed Turbine Tip Height: 150m  
 Proposed Turbine Hub Height: 82m  
 Proposed Turbine Rotor Diameter: 136m

Date and Time: 02/03/2023 11:06  
 Camera: Canon 5D Mark II  
 Lens: Fixed 50mm  
 Camera Height: 1.7m (AGL)

Direction (clockwise from Grid N): 277°  
 Distance to Nearest Visible Permitted Turbine: 8.1 km  
 Nearest Permitted Turbine: T1  
 Distance to Nearest Visible Proposed Turbine: 8.1 km  
 Nearest Proposed Turbine: T1



Permitted Development (Imminent Baseline) Photomontage



Proposed Development Photomontage



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National Grid Coordinate (ITM)  
 Easting: 524114  
 Northing: 732327  
 Elevation: 10.6 m

Horizontal Field of View: 90° (cylindrical projection)  
 Principal Distance: 522 mm  
 Permitted Turbine Tip Height: 130.5 / 140.5m  
 Permitted Turbine Hub Height: 80 / 90m  
 Permitted Turbine Rotor Diameter: 101m

Horizontal Field of View: 90° (cylindrical projection)  
 Principal Distance: 522 mm  
 Proposed Turbine Tip Height: 150m  
 Proposed Turbine Hub Height: 82m  
 Proposed Turbine Rotor Diameter: 136m

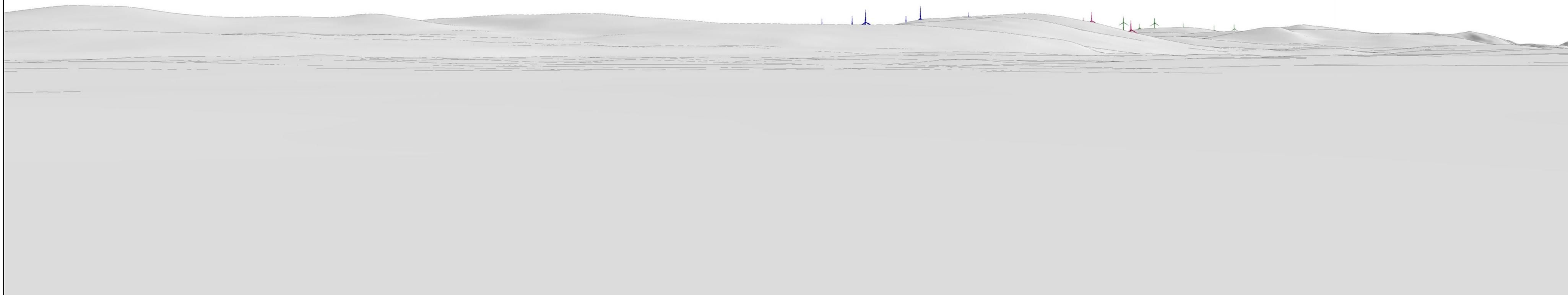
Date and Time: 02/03/2023 11:06  
 Camera: Canon 5D Mark II  
 Lens: Fixed 50mm  
 Camera Height: 1.7m (AGL)

Direction (clockwise from Grid N): 277°  
 Distance to Nearest Visible Permitted Turbine: 8.1 km  
 Nearest Permitted Turbine: T1  
 Distance to Nearest Visible Proposed Turbine: 8.1 km  
 Nearest Proposed Turbine: T1



Proposed Development Wireline - 53.5°

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 Development Turbines
-  Existing Turbines
-  Permitted/ Under Construction Turbines



National Grid Coordinate (ITM)  
 Easting: 524114  
 Northing: 732327  
 Elevation: 10.6 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: 02/03/2023 11:06  
 Camera: Canon 5D Mark II  
 Lens: Fixed 50mm  
 Camera Height: 1.7m (AGL)

Direction (clockwise from Grid N): 277 °  
 Distance to Nearest Visible Turbine: 8.1 km  
 Nearest Turbine: T1



Proposed Development Photomontage - 53.5°

Part 1 of 1



View flat at a comfortable arm's length

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National Grid Coordinate (ITM)  
 Easting: 524114  
 Northing: 732327  
 Elevation: 10.6 m

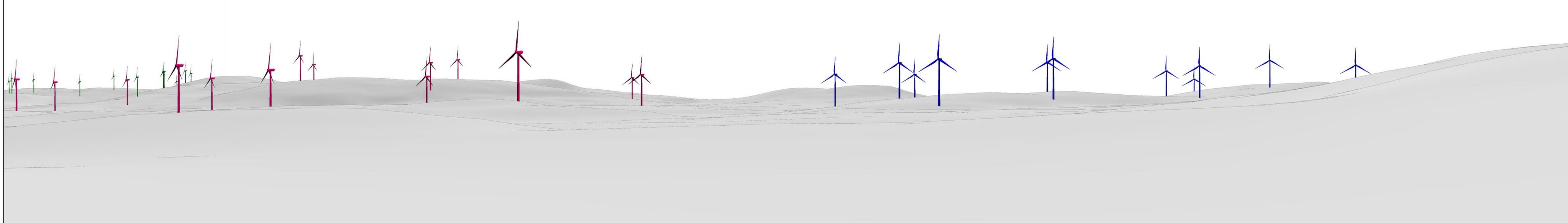
Horizontal Field of View: 53.5° (planar projection)  
 Principal Distance: 812.5 mm  
 Paper size: (half A1) 841 x 297 mm  
 Correct printed image size: 820 x 260 mm

Date and Time: 02/03/2023 11:06  
 Camera: Canon 5D Mark II  
 Lens: Fixed 50mm  
 Camera Height: 1.7m (AGL)

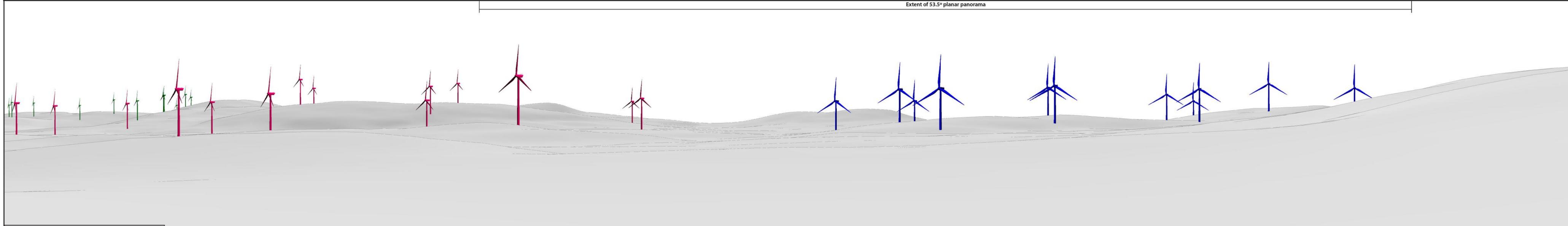
Direction (clockwise from Grid N): 277°  
 Distance to Nearest Visible Turbine: 8.1 km  
 Nearest Turbine: T1



**Cumulative Wireline View** This image shows the permitted development



Extent of 53.5° planar panorama



**Cumulative Wireline View** This image shows the proposed development

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'. In this instance, the above 90° (cylindrical projection) images are displayed as wireline views for comparative purposes so that a full and robust assessment can be made of the project.

- Proposed Development / Permitted Development Turbines
- Existing Turbines
- Permitted/ Under Construction Turbines



National Grid Coordinate (ITM)  
 Easting: 514367  
 Northing: 731469  
 Elevation: 99.5 m

Horizontal Field of View: 90° (cylindrical projection)  
 Principal Distance: 522 mm  
 Permitted Turbine Tip Height: 130.5 / 140.5m  
 Permitted Turbine Hub Height: 80 / 90m  
 Permitted Turbine Rotor Diameter: 101m

Horizontal Field of View: 90° (cylindrical projection)  
 Principal Distance: 522 mm  
 Proposed Turbine Tip Height: 150m  
 Proposed Turbine Hub Height: 82m  
 Proposed Turbine Rotor Diameter: 136m

Date and Time: 02/03/2023 10:35  
 Camera: Canon 5D Mark II  
 Lens: Fixed 50mm  
 Camera Height: 1.7m (AGL)

Direction (clockwise from Grid N): 6°  
 Distance to Nearest Visible Permitted Turbine: 2 km  
 Nearest Permitted Turbine: T7  
 Distance to Nearest Visible Proposed Turbine: 2 km  
 Nearest Proposed Turbine: T7



Permitted Development (Imminent Baseline) Photomontage



Proposed Development Photomontage



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National Grid Coordinate (ITM)  
 Easting: 514367  
 Northing: 731469  
 Elevation: 99.5 m

Horizontal Field of View: 90° (cylindrical projection)  
 Principal Distance: 522 mm  
 Permitted Turbine Tip Height: 130.5 / 140.5m  
 Permitted Turbine Hub Height: 80 / 90m  
 Permitted Turbine Rotor Diameter: 101m

Horizontal Field of View: 90° (cylindrical projection)  
 Principal Distance: 522 mm  
 Proposed Turbine Tip Height: 150m  
 Proposed Turbine Hub Height: 82m  
 Proposed Turbine Rotor Diameter: 136m

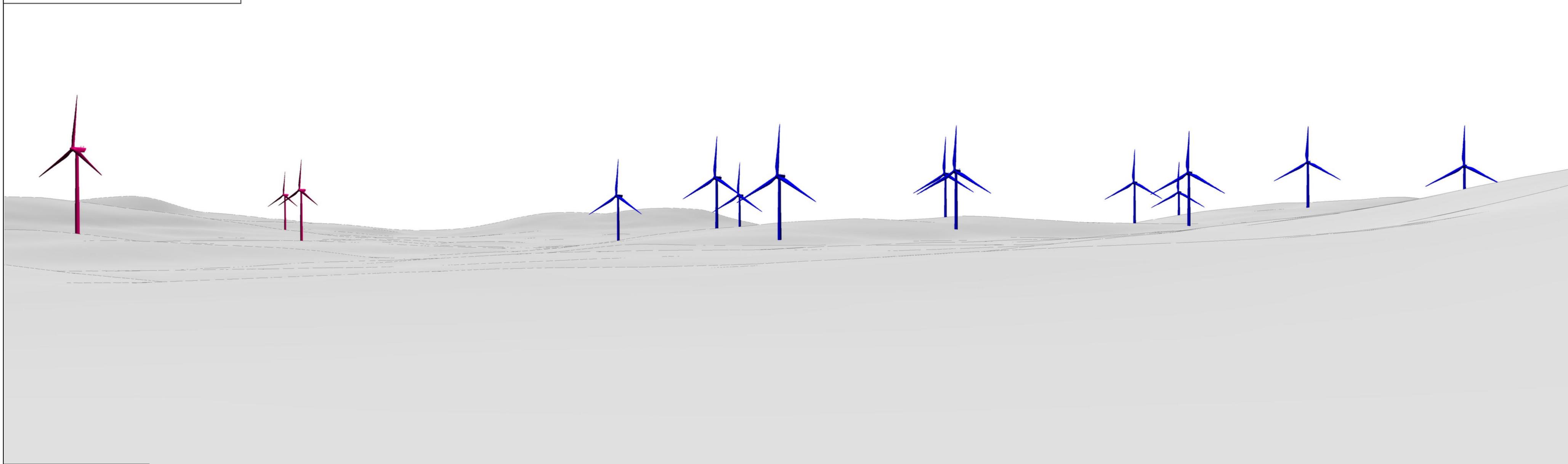
Date and Time: 02/03/2023 10:35  
 Camera: Canon 5D Mark II  
 Lens: Fixed 50mm  
 Camera Height: 1.7m (AGL)

Direction (clockwise from Grid N): 6°  
 Distance to Nearest Visible Permitted Turbine: 2 km  
 Nearest Permitted Turbine: T7  
 Distance to Nearest Visible Proposed Turbine: 2 km  
 Nearest Proposed Turbine: T7



Proposed Development Wireline - 53.5°

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 Development Turbines
- Existing Turbines
- Permitted/ Under Construction Turbines



National Grid Coordinate (ITM)  
 Easting: 514367  
 Northing: 731469  
 Elevation: 99.5 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: 02/03/2023 10:35  
 Camera: Canon 5D Mark II  
 Lens: Fixed 50mm  
 Camera Height: 1.7m (AGL)

Direction (clockwise from Grid N): 15 °  
 Distance to Nearest Visible Turbine: 2 km  
 Nearest Turbine: T7



Proposed Development Photomontage - 53.5°

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: 514367  
 Northing: 731469  
 Elevation: 99.5 m

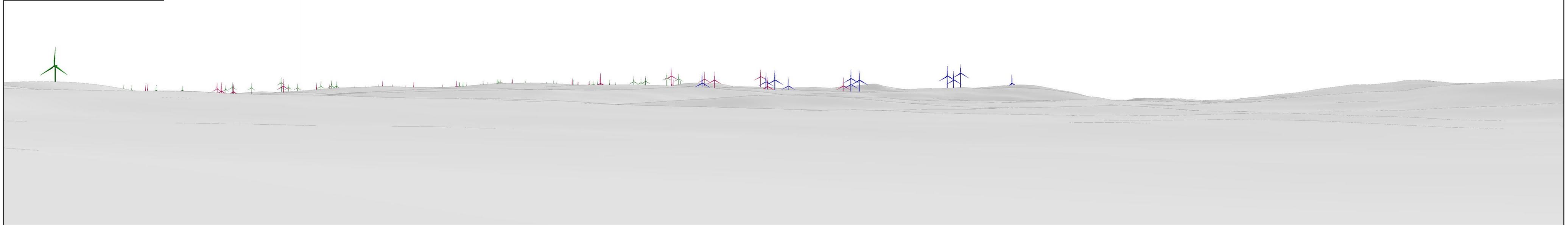
Horizontal Field of View: 53.5 ° (planar projection)  
 Principal Distance: 812.5 mm  
 Paper size: (half A1) 841 x 297 mm  
 Correct printed image size: 820 x 260 mm

Date and Time: 02/03/2023 10:35  
 Camera: Canon 5D Mark II  
 Lens: Fixed 50mm  
 Camera Height: 1.7m (AGL)

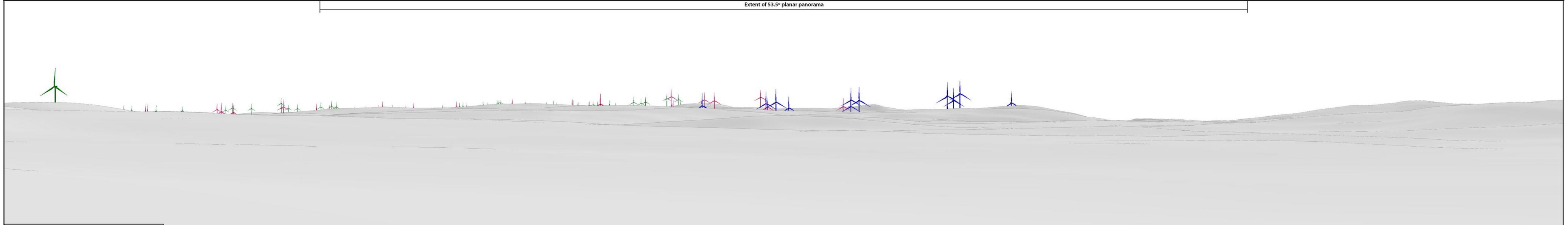
Direction (clockwise from Grid N):  
 Distance to Nearest Visible Turbine: 2 km  
 Nearest Turbine: T7



**Cumulative Wireline View** This image shows the permitted development



Extent of 53.5° planar panorama



**Cumulative Wireline View** This image shows the proposed development

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'. In this instance, the above 90° (cylindrical projection) images are displayed as wireline views for comparative purposes so that a full and robust assessment can be made of the project.

- Proposed Development / Permitted Development Turbines
- Existing Turbines
- Permitted/ Under Construction Turbines



National Grid Coordinate (ITM)  
 Easting: 518263  
 Northing: 729440  
 Elevation: 94.1 m

Horizontal Field of View: 90° (cylindrical projection)  
 Principal Distance: 522 mm  
 Permitted Turbine Tip Height: 130.5 / 140.5m  
 Permitted Turbine Hub Height: 80 / 90m  
 Permitted Turbine Rotor Diameter: 101m

Horizontal Field of View: 90° (cylindrical projection)  
 Principal Distance: 522 mm  
 Proposed Turbine Tip Height: 150m  
 Proposed Turbine Hub Height: 82m  
 Proposed Turbine Rotor Diameter: 136m

Date and Time: 02/03/2023 10:06  
 Camera: Canon 5D Mark II  
 Lens: Fixed 50mm  
 Camera Height: 1.7m (AGL)

Direction (clockwise from Grid N): 324°  
 Distance to Nearest Visible Permitted Turbine: 4.7 km  
 Nearest Permitted Turbine: T1  
 Distance to Nearest Visible Proposed Turbine: 4.7 km  
 Nearest Proposed Turbine: T1



Permitted Development (Imminent Baseline) Photomontage



Proposed Development Photomontage



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'. In this instance, the above 90° (cylindrical projection) images are displayed as photomontage views for comparative purposes so that a full and robust assessment can be made of the project.



National Grid Coordinate (ITM)  
 Easting: 518263  
 Northing: 729440  
 Elevation: 94.1 m

Horizontal Field of View: 90° (cylindrical projection)  
 Principal Distance: 522 mm  
 Permitted Turbine Tip Height: 130.5 / 140.5m  
 Permitted Turbine Hub Height: 80 / 90m  
 Permitted Turbine Rotor Diameter: 101m

Horizontal Field of View: 90° (cylindrical projection)  
 Principal Distance: 522 mm  
 Proposed Turbine Tip Height: 150m  
 Proposed Turbine Hub Height: 82m  
 Proposed Turbine Rotor Diameter: 136m

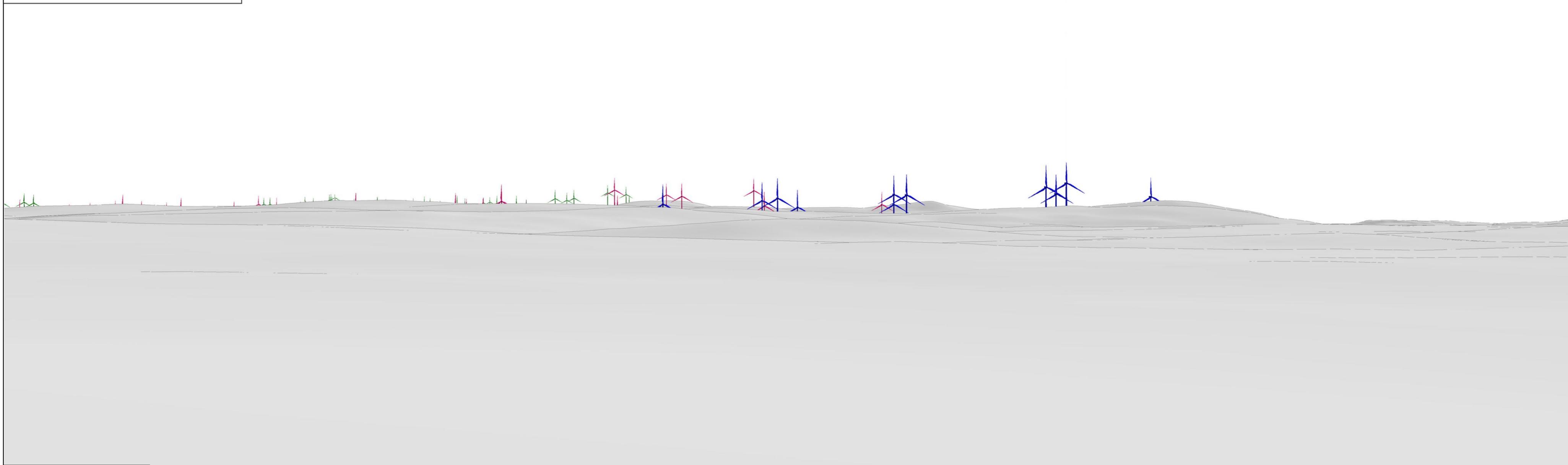
Date and Time: 02/03/2023 10:06  
 Camera: Canon 5D Mark II  
 Lens: Fixed 50mm  
 Camera Height: 1.7m (AGL)

Direction (clockwise from Grid N): 324°  
 Distance to Nearest Visible Permitted Turbine: 4.7 km  
 Nearest Permitted Turbine: T1  
 Distance to Nearest Visible Proposed Turbine: 4.7 km  
 Nearest Proposed Turbine: T1



Proposed Development Wireline - 53.5°

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 Development Turbines
- Existing Turbines
- Permitted/ Under Construction Turbines



National Grid Coordinate (ITM)  
 Easting: 518263  
 Northing: 729440  
 Elevation: 94.1 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: 02/03/2023 10:06  
 Camera: Canon 5D Mark II  
 Lens: Fixed 50mm  
 Camera Height: 1.7m (AGL)

Direction (clockwise from Grid N): 324 °  
 Distance to Nearest Visible Turbine: 4.7 km  
 Nearest Turbine: T1



Proposed Development Photomontage - 53.5°

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: 518263  
 Northing: 729440  
 Elevation: 94.1 m

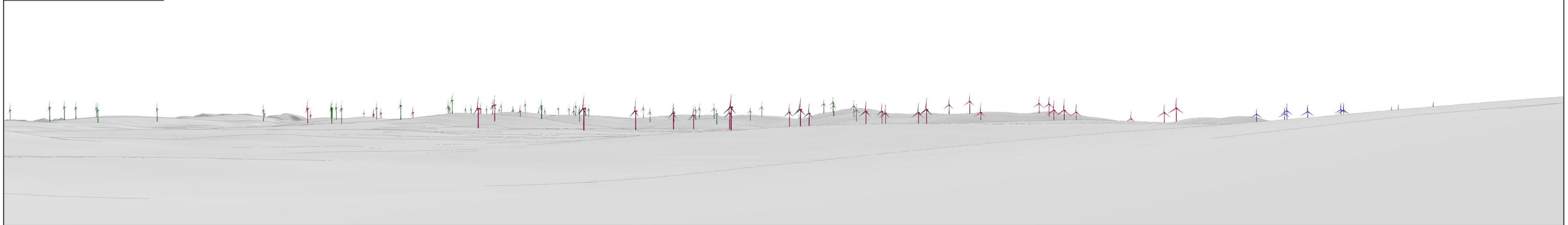
Horizontal Field of View: 53.5 ° (planar projection)  
 Principal Distance: 812.5 mm  
 Paper size: (half A1) 841 x 297 mm  
 Correct printed image size: 820 x 260 mm

Date and Time: 02/03/2023 10:06  
 Camera: Canon 5D Mark II  
 Lens: Fixed 50mm  
 Camera Height: 1.7m (AGL)

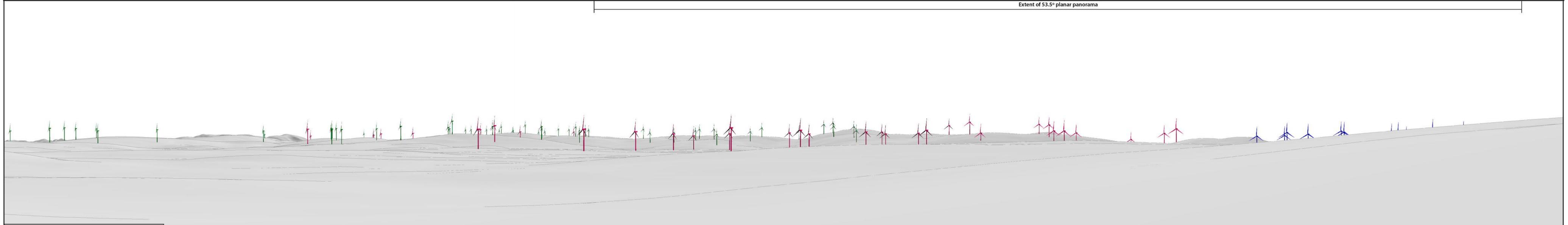
Direction (clockwise from Grid N): 324 °  
 Distance to Nearest Visible Turbine: 4.7 km  
 Nearest Turbine: T1



Cumulative Wireline View This image shows the permitted development



Extent of 53.5° planar panorama



Cumulative Wireline View This image shows the proposed development

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'. In this instance, the above 90° (cylindrical projection) images are displayed as wireline views for comparative purposes so that a full and robust assessment can be made of the project.

- Proposed Development / Permitted Development Turbines
- Existing Turbines
- Permitted/ Under Construction Turbines



National Grid Coordinate (ITM)  
 Easting: 512799  
 Northing: 727580  
 Elevation: 76.2 m

Horizontal Field of View: 90° (cylindrical projection)  
 Principal Distance: 522 mm  
 Permitted Turbine Tip Height: 130.5 / 140.5m  
 Permitted Turbine Hub Height: 80 / 90m  
 Permitted Turbine Rotor Diameter: 101m

Horizontal Field of View: 90° (cylindrical projection)  
 Principal Distance: 522 mm  
 Proposed Turbine Tip Height: 150m  
 Proposed Turbine Hub Height: 82m  
 Proposed Turbine Rotor Diameter: 136m

Date and Time: 02/03/2023 09:46  
 Camera: Canon 5D Mark II  
 Lens: Fixed 50mm  
 Camera Height: 1.7m (AGL)

Direction (clockwise from Grid N): 349°  
 Distance to Nearest Visible Permitted Turbine: 6.1 km  
 Nearest Permitted Turbine: T7  
 Distance to Nearest Visible Proposed Turbine: 6.1 km  
 Nearest Proposed Turbine: T7



Permitted Development (Imminent Baseline) Photomontage



Proposed Development Photomontage



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'. In this instance, the above 90° (cylindrical projection) images are displayed as photomontage views for comparative purposes so that a full and robust assessment can be made of the project.



National Grid Coordinate (ITM)  
 Easting: 512799  
 Northing: 727580  
 Elevation: 76.2 m

Horizontal Field of View: 90° (cylindrical projection)  
 Principal Distance: 522 mm  
 Permitted Turbine Tip Height: 130.5 / 140.5m  
 Permitted Turbine Hub Height: 80 / 90m  
 Permitted Turbine Rotor Diameter: 101m

Horizontal Field of View: 90° (cylindrical projection)  
 Principal Distance: 522 mm  
 Proposed Turbine Tip Height: 150m  
 Proposed Turbine Hub Height: 82m  
 Proposed Turbine Rotor Diameter: 136m

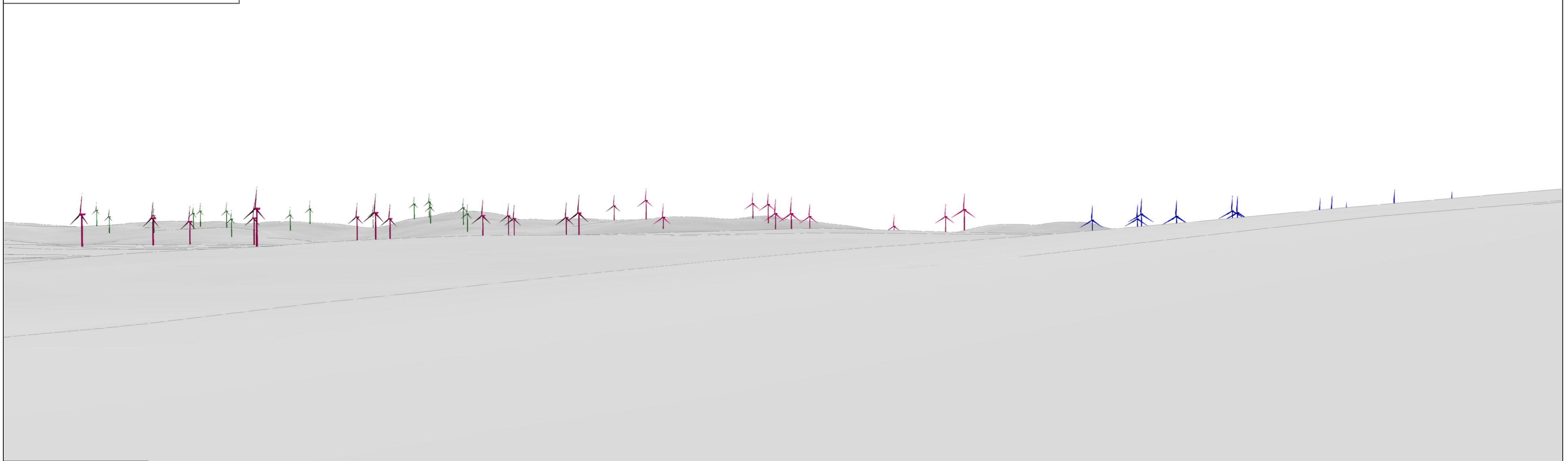
Date and Time: 02/03/2023 09:46  
 Camera: Canon 5D Mark II  
 Lens: Fixed 50mm  
 Camera Height: 1.7m (AGL)

Direction (clockwise from Grid N): 349°  
 Distance to Nearest Visible Permitted Turbine: 6.1 km  
 Nearest Permitted Turbine: T7  
 Distance to Nearest Visible Proposed Turbine: 6.1 km  
 Nearest Proposed Turbine: T7



Proposed Development Wireline - 53.5°

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 Development Turbines
- Existing Turbines
- Permitted/ Under Construction Turbines



National Grid Coordinate (ITM)  
 Easting: 512799  
 Northing: 727580  
 Elevation: 76.2 m

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

Date and Time: 02/03/2023 09:46  
 Camera: Canon 5D Mark II  
 Lens: Fixed 50mm  
 Camera Height: 1.7m (AGL)

Direction (clockwise from Grid N): 6°  
 Distance to Nearest Visible Turbine: 6.1 km  
 Nearest Turbine: T7



Proposed Development Photomontage - 53.5°

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: 512799  
 Northing: 727580  
 Elevation: 76.2 m

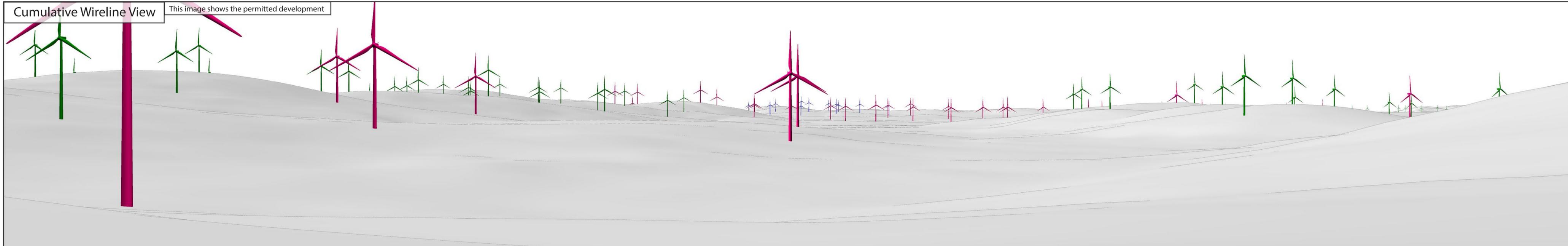
Horizontal Field of View: 53.5° (planar projection)  
 Principal Distance: 812.5 mm  
 Paper size: (half A1) 841 x 297 mm  
 Correct printed image size: 820 x 260 mm

Date and Time: 02/03/2023 09:46  
 Camera: Canon 5D Mark II  
 Lens: Fixed 50mm  
 Camera Height: 1.7m (AGL)

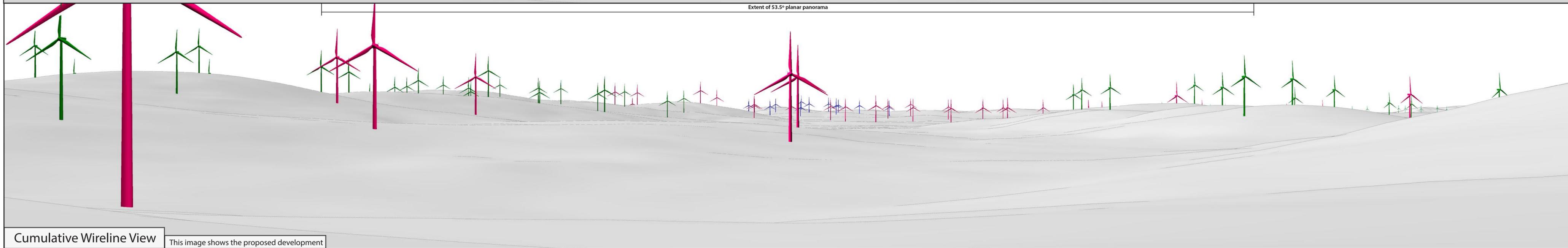
Direction (clockwise from Grid N):  
 Distance to Nearest Visible Turbine:  
 Nearest Turbine:

6°  
 6.1 km  
 T7





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'. In this instance, the above 90° (cylindrical projection) images are displayed as wireline views for comparative purposes so that a full and robust assessment can be made of the project.

- Proposed Development / Permitted Development Turbines
- Existing Turbines
- Permitted/ Under Construction Turbines



National Grid Cordinate (ITM)  
 Easting: 505773  
 Northing: 735965  
 Elevation: 188.3 m

Horizontal Field of View: 90° (cylindrical projection)  
 Principal Distance: 522 mm  
 Permitted Turbine Tip Height: 130.5 / 140.5m  
 Permitted Turbine Hub Height: 80 / 90m  
 Permitted Turbine Rotor Diameter: 101m

Horizontal Field of View: 90° (cylindrical projection)  
 Principal Distance: 522 mm  
 Proposed Turbine Tip Height: 150m  
 Proposed Turbine Hub Height: 82m  
 Proposed Turbine Rotor Diameter: 136m

Date and Time: 02/03/2023 14:45  
 Camera: Canon 5D Mark II  
 Lens: Fixed 50mm  
 Camera Height: 1.7m (AGL)

Direction (clockwise from Grid N):  
 Distance to Nearest Visible Permitted Turbine: 104°  
 Nearest Permitted Turbine: 9.2 km  
 Distance to Nearest Visible Proposed Turbine: T14°  
 Nearest Proposed Turbine: 9.2 km  
 T14



Permitted Development (Imminent Baseline) Photomontage



Proposed Development Photomontage



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'. In this instance, the above 90° (cylindrical projection) images are displayed as photomontage views for comparative purposes so that a full and robust assessment can be made of the project.



National Grid Coordinate (ITM)  
 Easting: 505773  
 Northing: 735965  
 Elevation: 188.3 m

Horizontal Field of View: 90° (cylindrical projection)  
 Principal Distance: 522 mm  
 Permitted Turbine Tip Height: 130.5 / 140.5m  
 Permitted Turbine Hub Height: 80 / 90m  
 Permitted Turbine Rotor Diameter: 101m

Horizontal Field of View: 90° (cylindrical projection)  
 Principal Distance: 522 mm  
 Proposed Turbine Tip Height: 150m  
 Proposed Turbine Hub Height: 82m  
 Proposed Turbine Rotor Diameter: 136m

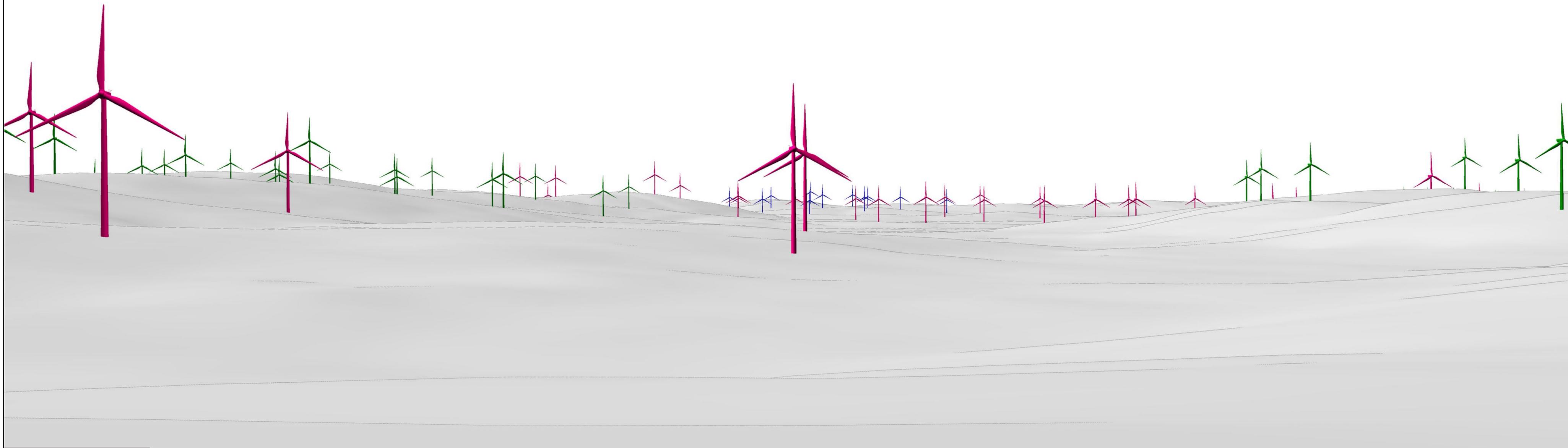
Date and Time: 02/03/2023 14:45  
 Camera: Canon 5D Mark II  
 Lens: Fixed 50mm  
 Camera Height: 1.7m (AGL)

Direction (clockwise from Grid N): 104°  
 Distance to Nearest Visible Permitted Turbine: 9.2 km  
 Nearest Permitted Turbine: T14°  
 Distance to Nearest Visible Proposed Turbine: 9.2 km  
 Nearest Proposed Turbine: T14



Proposed Development Wireline - 53.5°

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 Development Turbines
- Existing Turbines
- Permitted/ Under Construction Turbines



National Grid Coordinate (ITM)  
 Easting: 505773  
 Northing: 735965  
 Elevation: 188.3 m

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

Date and Time: 02/03/2023 14:45  
 Camera: Canon 5D Mark II  
 Lens: Fixed 50mm  
 Camera Height: 1.7m (AGL)

Direction (clockwise from Grid N): 100 °  
 Distance to Nearest Visible Turbine: 9.2 km  
 Nearest Turbine: T14



Proposed Development Photomontage - 53.5°

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: 505773  
 Northing: 735965  
 Elevation: 188.3 m

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

Date and Time: 02/03/2023 14:45  
 Camera: Canon 5D Mark II  
 Lens: Fixed 50mm  
 Camera Height: 1.7m (AGL)

Direction (clockwise from Grid N): 100°  
 Distance to Nearest Visible Turbine: 9.2 km  
 Nearest Turbine: T14



Cumulative Wireline View This image shows the permitted development



Extent of 53.5° planar panorama



Cumulative Wireline View This image shows the proposed development

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'. In this instance, the above 90° (cylindrical projection) images are displayed as wireline views for comparative purposes so that a full and robust assessment can be made of the project.

- Proposed Development / Permitted Development Turbines
- Existing Turbines
- Permitted/ Under Construction Turbines



National Grid Cordinate (ITM)  
 Easting: 486073  
 Northing: 709999  
 Elevation: 111.0 m

Horizontal Field of View: 90° (cylindrical projection)  
 Principal Distance: 522 mm  
 Permitted Turbine Tip Height: 130.5 / 140.5m  
 Permitted Turbine Hub Height: 80 / 90m  
 Permitted Turbine Rotor Diameter: 101m

Horizontal Field of View: 90° (cylindrical projection)  
 Principal Distance: 522 mm  
 Proposed Turbine Tip Height: 150m  
 Proposed Turbine Hub Height: 82m  
 Proposed Turbine Rotor Diameter: 136m

Date and Time: 10/08/2010 14:08  
 Camera: Canon 5D Mark II  
 Lens: Fixed 50mm  
 Camera Height: 1.7m (AGL)

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

46°  
 37 km  
 T7  
 37 km  
 T7



Permitted Development (Imminent Baseline) Photomontage



Proposed Development Photomontage



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'. In this instance, the above 90° (cylindrical projection) images are displayed as photomontage views for comparative purposes so that a full and robust assessment can be made of the project.



National Grid Coordinate (ITM)  
 Easting: 486073  
 Northing: 709999  
 Elevation: 111.0 m

Horizontal Field of View: 90° (cylindrical projection)  
 Principal Distance: 522 mm  
 Permitted Turbine Tip Height: 130.5 / 140.5m  
 Permitted Turbine Hub Height: 80 / 90m  
 Permitted Turbine Rotor Diameter: 101m

Horizontal Field of View: 90° (cylindrical projection)  
 Principal Distance: 522 mm  
 Proposed Turbine Tip Height: 150m  
 Proposed Turbine Hub Height: 82m  
 Proposed Turbine Rotor Diameter: 136m

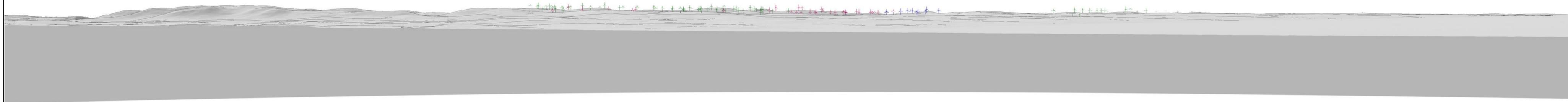
Date and Time: 10/08/2010 14:08  
 Camera: Canon 5D Mark II  
 Lens: Fixed 50mm  
 Camera Height: 1.7m (AGL)

Direction (clockwise from Grid N): 46°  
 Distance to Nearest Visible Permitted Turbine: 37 km  
 Nearest Permitted Turbine: T7  
 Distance to Nearest Visible Proposed Turbine: 37 km  
 Nearest Proposed Turbine: T7



Proposed Development Wireline - 53.5°

Part 1 of 1



View flat at a comfortable arm's length

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



National Grid Coordinate (ITM)  
 Easting: 486073  
 Northing: 709999  
 Elevation: 111.0 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: 10/08/2010 14:08  
 Camera: Canon 5D Mark II  
 Lens: Fixed 50mm  
 Camera Height: 1.7m (AGL)

Direction (clockwise from Grid N): 46 °  
 Distance to Nearest Visible Turbine: 37 km  
 Nearest Turbine: T7



Proposed Development Photomontage - 53.5°

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: 486073  
 Northing: 709999  
 Elevation: 111.0 m

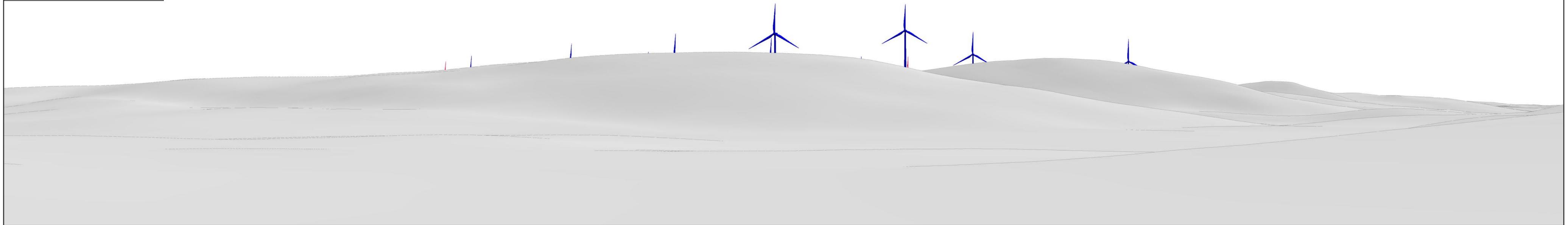
Horizontal Field of View: 53.5 ° (planar projection)  
 Principal Distance: 812.5 mm  
 Paper size: (half A1) 841 x 297 mm  
 Correct printed image size: 820 x 260 mm

Date and Time: 10/08/2010 14:08  
 Camera: Canon 5D Mark II  
 Lens: Fixed 50mm  
 Camera Height: 1.7m (AGL)

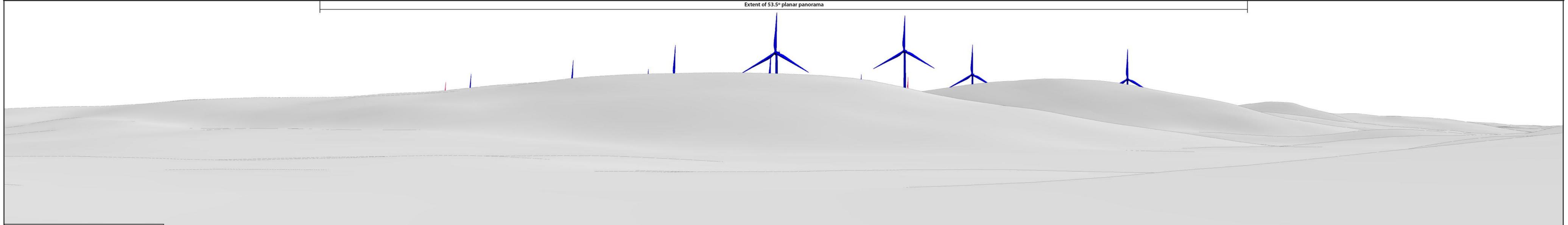
Direction (clockwise from Grid N): 46 °  
 Distance to Nearest Visible Turbine: 37 km  
 Nearest Turbine: T7



Cumulative Wireline View This image shows the permitted development



Extent of 53.5° planar panorama



Cumulative Wireline View This image shows the proposed development

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'. In this instance, the above 90° (cylindrical projection) images are displayed as wireline views for comparative purposes so that a full and robust assessment can be made of the project.

 Proposed Development / Permitted Development Turbines
  Existing Turbines
  Permitted/ Under Construction Turbines



National Grid Coordinate (ITM)  
 Easting: 517605  
 Northing: 732943  
 Elevation: 94.0 m

Horizontal Field of View: 90° (cylindrical projection)  
 Principal Distance: 522 mm  
 Permitted Turbine Tip Height: 130.5 / 140.5m  
 Permitted Turbine Hub Height: 80 / 90m  
 Permitted Turbine Rotor Diameter: 101m

Horizontal Field of View: 90° (cylindrical projection)  
 Principal Distance: 522 mm  
 Proposed Turbine Tip Height: 150m  
 Proposed Turbine Hub Height: 82m  
 Proposed Turbine Rotor Diameter: 136m

Date and Time: 02/03/2023 11:45  
 Camera: Canon 5D Mark II  
 Lens: Fixed 50mm  
 Camera Height: 1.7m (AGL)

Direction (clockwise from Grid N): 297°  
 Distance to Nearest Visible Permitted Turbine: 1.6 km  
 Nearest Permitted Turbine: T1  
 Distance to Nearest Visible Proposed Turbine: 1.6 km  
 Nearest Proposed Turbine: T1



Permitted Development (Imminent Baseline) Photomontage



Proposed Development Photomontage



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'. In this instance, the above 90° (cylindrical projection) images are displayed as photomontage views for comparative purposes so that a full and robust assessment can be made of the project.



National Grid Coordinate (ITM)  
 Easting: 517605  
 Northing: 732943  
 Elevation: 94.0 m

Horizontal Field of View: 90° (cylindrical projection)  
 Principal Distance: 522 mm  
 Permitted Turbine Tip Height: 130.5 / 140.5m  
 Permitted Turbine Hub Height: 80 / 90m  
 Permitted Turbine Rotor Diameter: 101m

Horizontal Field of View: 90° (cylindrical projection)  
 Principal Distance: 522 mm  
 Proposed Turbine Tip Height: 150m  
 Proposed Turbine Hub Height: 82m  
 Proposed Turbine Rotor Diameter: 136m

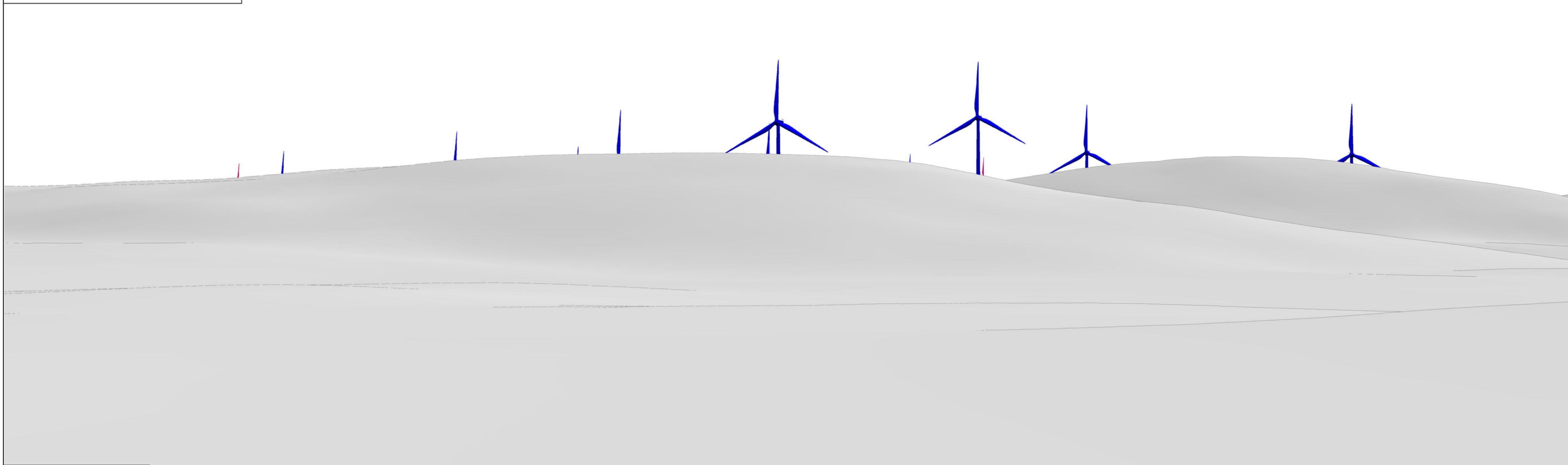
Date and Time: 02/03/2023 11:45  
 Camera: Canon 5D Mark II  
 Lens: Fixed 50mm  
 Camera Height: 1.7m (AGL)

Direction (clockwise from Grid N): 297°  
 Distance to Nearest Visible Permitted Turbine: 1.6 km  
 Nearest Permitted Turbine: T1  
 Distance to Nearest Visible Proposed Turbine: 1.6 km  
 Nearest Proposed Turbine: T1



Proposed Development Wireline - 53.5°

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 Development Turbines
- Existing Turbines
- Permitted/ Under Construction Turbines



National Grid Coordinate (ITM)  
 Easting: 517605  
 Northing: 732943  
 Elevation: 94.0 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: 02/03/2023 11:45  
 Camera: Canon 5D Mark II  
 Lens: Fixed 50mm  
 Camera Height: 1.7m (AGL)

Direction (clockwise from Grid N): 297 °  
 Distance to Nearest Visible Turbine: 1.6 km  
 Nearest Turbine: T1



Proposed Development Photomontage - 53.5°

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: 517605  
 Northing: 732943  
 Elevation: 94.0 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: 02/03/2023 11:45  
 Camera: Canon 5D Mark II  
 Lens: Fixed 50mm  
 Camera Height: 1.7m (AGL)

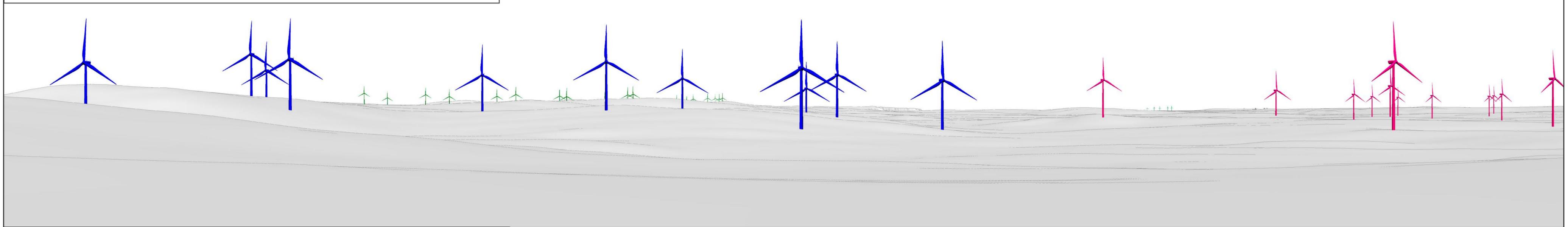
Direction (clockwise from Grid N): 297 °  
 Distance to Nearest Visible Turbine: 1.6 km  
 Nearest Turbine: T1



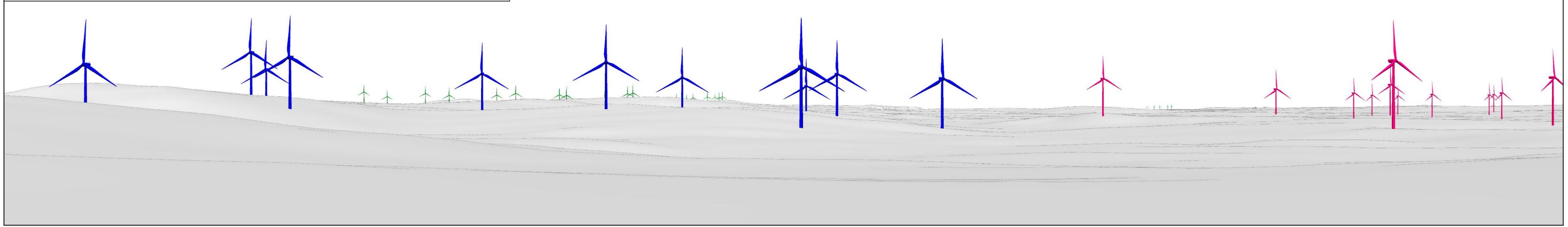
# Comparative Photomontages

The following imagery illustrates the range of potential turbine dimensions from select viewpoints.

Proposed Option 1: 11 Vestas 136 Turbines: Hub Height: 82m, Rotor Diameter: 136m, Tip Height: 150m.



Proposed Option 2: 11 Enercon 138 Turbines: Hub Height: 81m, Rotor Diameter: 138m, Tip Height: 150m.



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'. In this instance, the above 90 ° (cylindrical projection) images are displayed as photomontage views for comparative purposes so that a full and robust assessment can be made of the project.



National Grid Coordinate (ITM)  
 Easting: 515335  
 Northing: 735812  
 Elevation: 140.4 m

Horizontal Field of View: 90 ° (cylindrical projection)  
 Principal Distance: 522 mm

Date and Time: 02/03/2023 13:28  
 Camera: Canon 5D Mark II  
 Lens: Fixed 50mm  
 Camera Height: 1.7m (AGL)



Proposed Option 1: 11 Vestas 136 Turbines: Hub Height: 82m, Rotor Diameter: 136m, Tip Height: 150m.



Proposed Option 2: 11 Enercon 138 Turbines: Hub Height: 81m, Rotor Diameter: 138m, Tip Height: 150m.



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'. In this instance, the above 90° (cylindrical projection) images are displayed as photomontage views for comparative purposes so that a full and robust assessment can be made of the project.



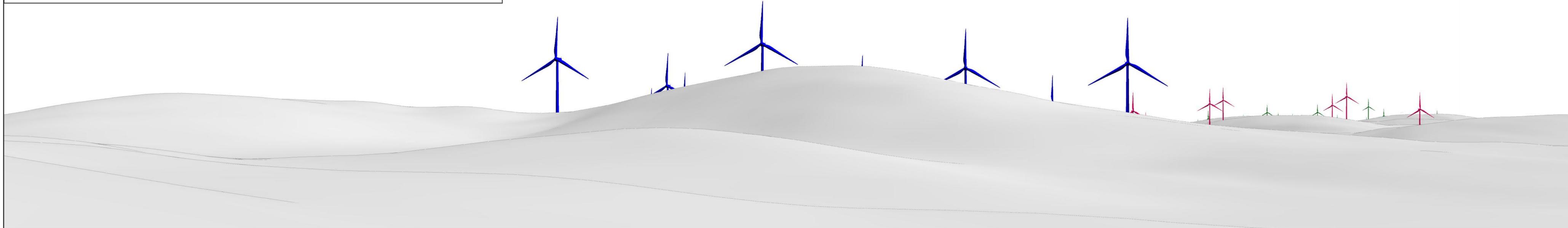
National Grid Coordinate (ITM)  
 Easting: 515335  
 Northing: 735812  
 Elevation: 140.4 m

Horizontal Field of View: 90° (cylindrical projection)  
 Principal Distance: 522 mm

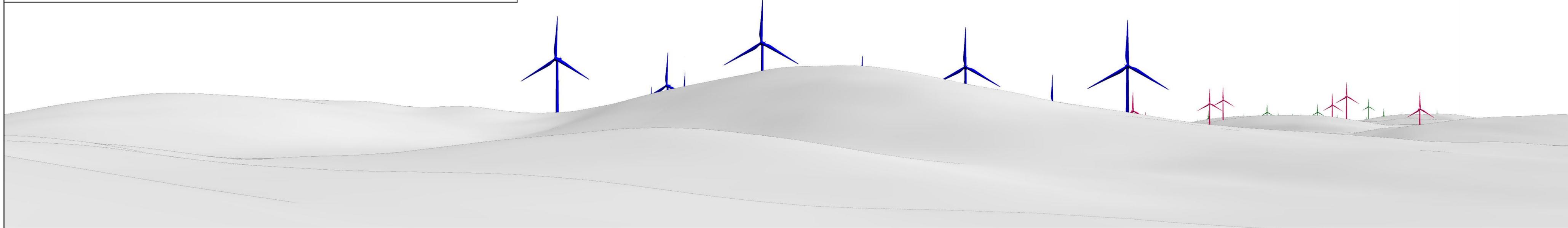
Date and Time: 02/03/2023 13:28  
 Camera: Canon 5D Mark II  
 Lens: Fixed 50mm  
 Camera Height: 1.7m (AGL)



Proposed Option 1: 11 Vestas 136 Turbines: Hub Height: 82m, Rotor Diameter: 136m, Tip Height: 150m.



Proposed Option 2: 11 Enercon 138 Turbines: Hub Height: 81m, Rotor Diameter: 138m, Tip Height: 150m.



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'. In this instance, the above 90° (cylindrical projection) images are displayed as photomontage views for comparative purposes so that a full and robust assessment can be made of the project.



National Grid Coordinate (ITM)  
 Easting: 517555  
 Northing: 734353  
 Elevation: 82.6 m

Horizontal Field of View: 90° (cylindrical projection)  
 Principal Distance: 522 mm

Date and Time: 02/03/2023 12:43  
 Camera: Canon 5D Mark II  
 Lens: Fixed 50mm  
 Camera Height: 1.7m (AGL)



Proposed Option 1: 11 Vestas 136 Turbines: Hub Height: 82m, Rotor Diameter: 136m, Tip Height: 150m.



Proposed Option 2: 11 Enercon 138 Turbines: Hub Height: 81m, Rotor Diameter: 138m, Tip Height: 150m.



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'. In this instance, the above 90° (cylindrical projection) images are displayed as photomontage views for comparative purposes so that a full and robust assessment can be made of the project.



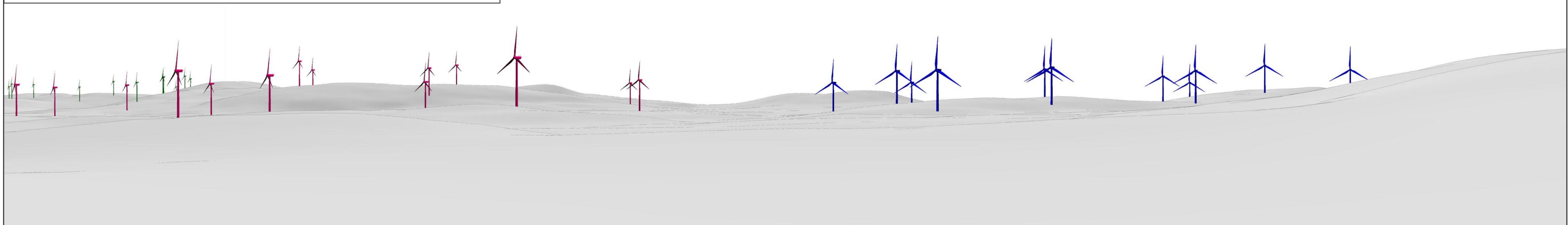
National Grid Coordinate (ITM)  
 Easting: 517555  
 Northing: 734353  
 Elevation: 82.6 m

Horizontal Field of View: 90° (cylindrical projection)  
 Principal Distance: 522 mm

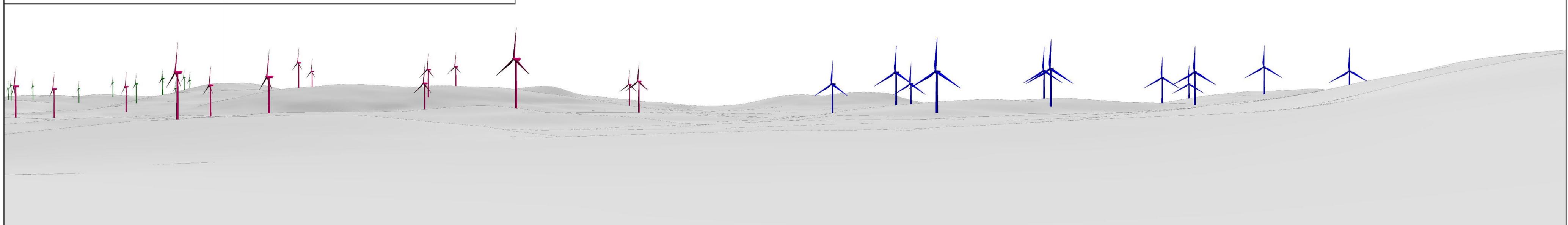
Date and Time: 02/03/2023 12:43  
 Camera: Canon 5D Mark II  
 Lens: Fixed 50mm  
 Camera Height: 1.7m (AGL)



Proposed Option 1: 11 Vestas 136 Turbines: Hub Height: 82m, Rotor Diameter: 136m, Tip Height: 150m.



Proposed Option 2: 11 Enercon 138 Turbines: Hub Height: 81m, Rotor Diameter: 138m, Tip Height: 150m.



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National Grid Coordinate (ITM)  
 Easting: 514367  
 Northing: 731469  
 Elevation: 99.5 m

Horizontal Field of View: 90° (cylindrical projection)  
 Principal Distance: 522 mm

Date and Time: 02/03/2023 10:35  
 Camera: Canon 5D Mark II  
 Lens: Fixed 50mm  
 Camera Height: 1.7m (AGL)



Proposed Option 1: 11 Vestas 136 Turbines: Hub Height: 82m, Rotor Diameter: 136m, Tip Height: 150m.



Proposed Option 2: 11 Enercon 138 Turbines: Hub Height: 81m, Rotor Diameter: 138m, Tip Height: 150m.



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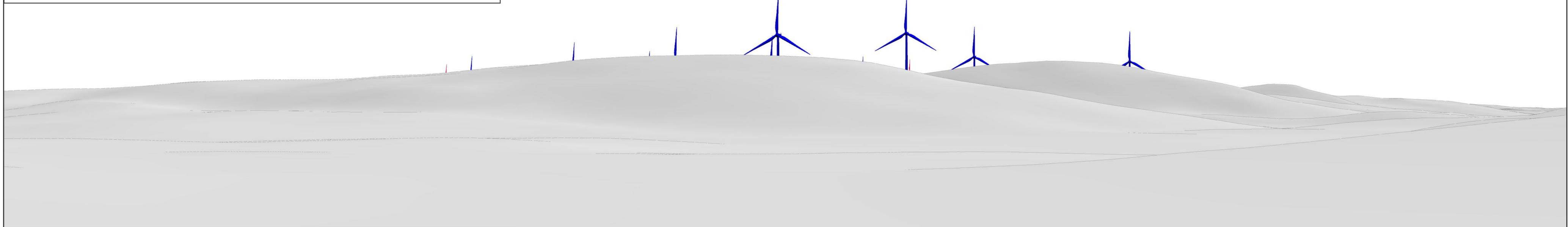
National Grid Coordinate (ITM)  
 Easting: 514367  
 Northing: 731469  
 Elevation: 99.5 m

Horizontal Field of View: 90° (cylindrical projection)  
 Principal Distance: 522 mm

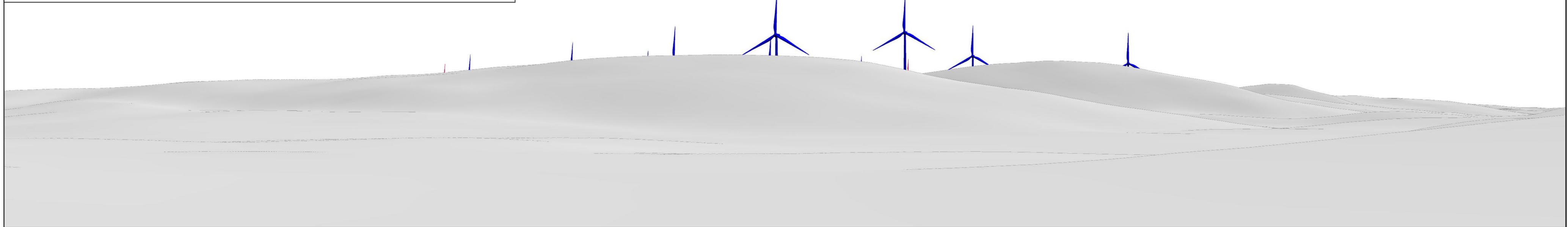
Date and Time: 02/03/2023 10:35  
 Camera: Canon 5D Mark II  
 Lens: Fixed 50mm  
 Camera Height: 1.7m (AGL)



Proposed Option 1: 11 Vestas 136 Turbines: Hub Height: 82m, Rotor Diameter: 136m, Tip Height: 150m.



Proposed Option 2: 11 Enercon 138 Turbines: Hub Height: 81m, Rotor Diameter: 138m, Tip Height: 150m.



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National Grid Coordinate (ITM)  
Easting: 517605  
Northing: 732943  
Elevation: 94.0 m

Horizontal Field of View: 90° (cylindrical projection)  
Principal Distance: 522 mm

Date and Time: 02/03/2023 11:45  
Camera: Canon 5D Mark II  
Lens: Fixed 50mm  
Camera Height: 1.7m (AGL)



Proposed Option 1: 11 Vestas 136 Turbines: Hub Height: 82m, Rotor Diameter: 136m, Tip Height: 150m.



Proposed Option 2: 11 Enercon 138 Turbines: Hub Height: 81m, Rotor Diameter: 138m, Tip Height: 150m.



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'. In this instance, the above 90° (cylindrical projection) images are displayed as photomontage views for comparative purposes so that a full and robust assessment can be made of the project.



National Grid Coordinate (ITM)  
 Easting: 517605  
 Northing: 732943  
 Elevation: 94.0 m

Horizontal Field of View: 90° (cylindrical projection)  
 Principal Distance: 522 mm

Date and Time: 02/03/2023 11:45  
 Camera: Canon 5D Mark II  
 Lens: Fixed 50mm  
 Camera Height: 1.7m (AGL)

