

**Viewpoint Location: Morven** 



### Key

Moray Turbine Locations



72 degrees horizontal field of view viewpoint comprising of existing view photograph and proposed wireline or photomontage.

Other Windfarm Locations (1:250,000 only)

- Operational Turbine Locations
- Under Construction Turbine Locations
- Consented Turbine Locations
- Application Turbine Locations
- Scoping Turbine Locations (Scoping stage sites are shown with just one turbine at the approximate centroid position)

Scale: As shown

Geodetic Parameters: WGS84 UTM Zone 30N

Produced: LT Reviewed: SM Approved: SM

Date: 09/07/2012 Revision: B

Ref: 8460001-PPW0201-OPE-MAP-125

Figure 15.4-33
Cumulative Viewpoint 11: Morven
Location

Earl's Cairn (49.27 km) Spittal Hill (31.47 km) Halsary (27.13 km) Wathegar Ext (35.33 km) Causeymire (25.28 km) Plover Hill(40.70 km) Flex Hill (35.36km) Stroupster (49.53 km) Camster (31.11 km) Bad a Cheo (25.25 km) Causeymire Ext 26.22 km) Lower Seater (40 km) Wathegar (35.16 km) Westerdale (24.50 km) Rumster (23.43 km) West of Flex Hill (34.77 km)

Computer generated wireframe showing operational wind farm turbines in black, consented wind farm turbines in green, application wind farm turbines in blue and scoping wind farm turbines in orange

## **Important Viewing Instructions**

Visualisations can give an impression of the appearance of a landscape and proposed wind farm. However neither photographs or visualisations can convey a view exactly as it would be seen by the human eye in reality.

To ensure that the scale of the features are illustrated correctly, this sheet should be printed at a size of 420mm by 297mm and viewed at a constant distance of approximately 314mm. The panoramic image should be curved around the viewer at the an exact arc of 72 degrees, or laid flat (or pinned up on a flat wall) and the viewer moving their eye along the image, to maintain a constant distance.

For further information on visualisations and how to use them as an aid to assessment please refer to the "Visual Representation of Windfarms Good Practice Guidance", (2006) published by Scottish Natural Heritage.

While the landform and the curvature of the earth are taken into account, no features such as trees or buildings, which might otherwise obscure the views, are accounted for in the wirelines.

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#### **Viewpoint Location: Morven**

Viewpoint Grid Reference View Direction Viewpoint Elevation Horizontal Field of View

- 24 degrees - c 704 m AOD - 72 degrees Distance to the nearest proposed turbine - 49.16 km

- 300482 E 928539 N

Figure 15.4-33a Cumulative Viewpoint 11: Morven Wireframe

Burn of Whilk (30.89 km)

Buolifurich (16.63 km)

Camster Forest (28.34 km) Nottingham Mains (20.73 km)

Moray Offshore Scenario 4c (49.16 km)

Beatrice Demo (39.22 km)

Upper Smerral (16.46 km)

Beatrice Offshore (40.83 km)

Computer generated wireframe showing the proposed Moray Offshore Wind Farm turbines in black, consented wind farm turbines in green, application wind farm turbines in blue and scoping wind farm turbines in orange

### **Important Viewing Instructions**

Visualisations can give an impression of the appearance of a landscape and proposed wind farm. However neither photographs or visualisations can convey a view exactly as it would be seen by the human eye in reality.

To ensure that the scale of the features are illustrated correctly, this sheet should be printed at a size of 420mm by 297mm and viewed at a constant distance of approximately 314mm. The panoramic image should be curved around the viewer at the an exact arc of 72 degrees, or laid flat (or pinned up on a flat wall) and the viewer moving their eye along the image, to maintain a constant distance.

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While the landform and the curvature of the earth are taken into account, no features such as trees or buildings, which might otherwise obscure the views, are accounted for in the wirelines.

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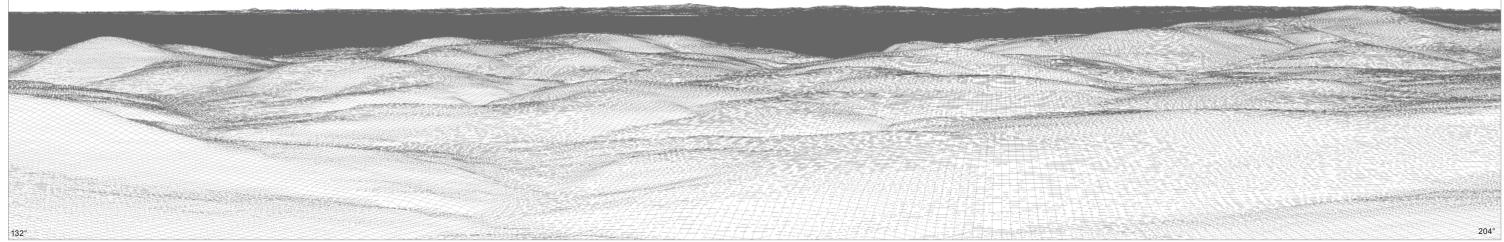
#### Viewpoint Location: Morven

Viewpoint Grid Reference View Direction Viewpoint Elevation Horizontal Field of View Distance to the nearest proposed turbine

- 300482 E 928539 N - 96 degrees - c 704 m AOD

- c 704 m AOD - 72 degrees e - 49.16 km Figure 15.4-33b Cumulative Viewpoint 11: Morven Wireframe

Aultmore (83.11 km)



Computer generated wireframe showing application wind farm turbines in blue

## **Important Viewing Instructions**

Visualisations can give an impression of the appearance of a landscape and proposed wind farm. However neither photographs or visualisations can convey a view exactly as it would be seen by the human eye in reality.

To ensure that the scale of the features are illustrated correctly, this sheet should be printed at a size of 420mm by 297mm and viewed at a constant distance of approximately 314mm. The panoramic image should be curved around the viewer at the an exact arc of 72 degrees, or laid flat (or pinned up on a flat wall) and the viewer moving their eye along the image, to maintain a constant distance.

For further information on visualisations and how to use them as an aid to assessment please refer to the "Visual Representation of Windfarms Good Practice Guidance", (2006) published by Scottish Natural Heritage.

While the landform and the curvature of the earth are taken into account, no features such as trees or buildings, which might otherwise obscure the views, are accounted for in the wirelines.

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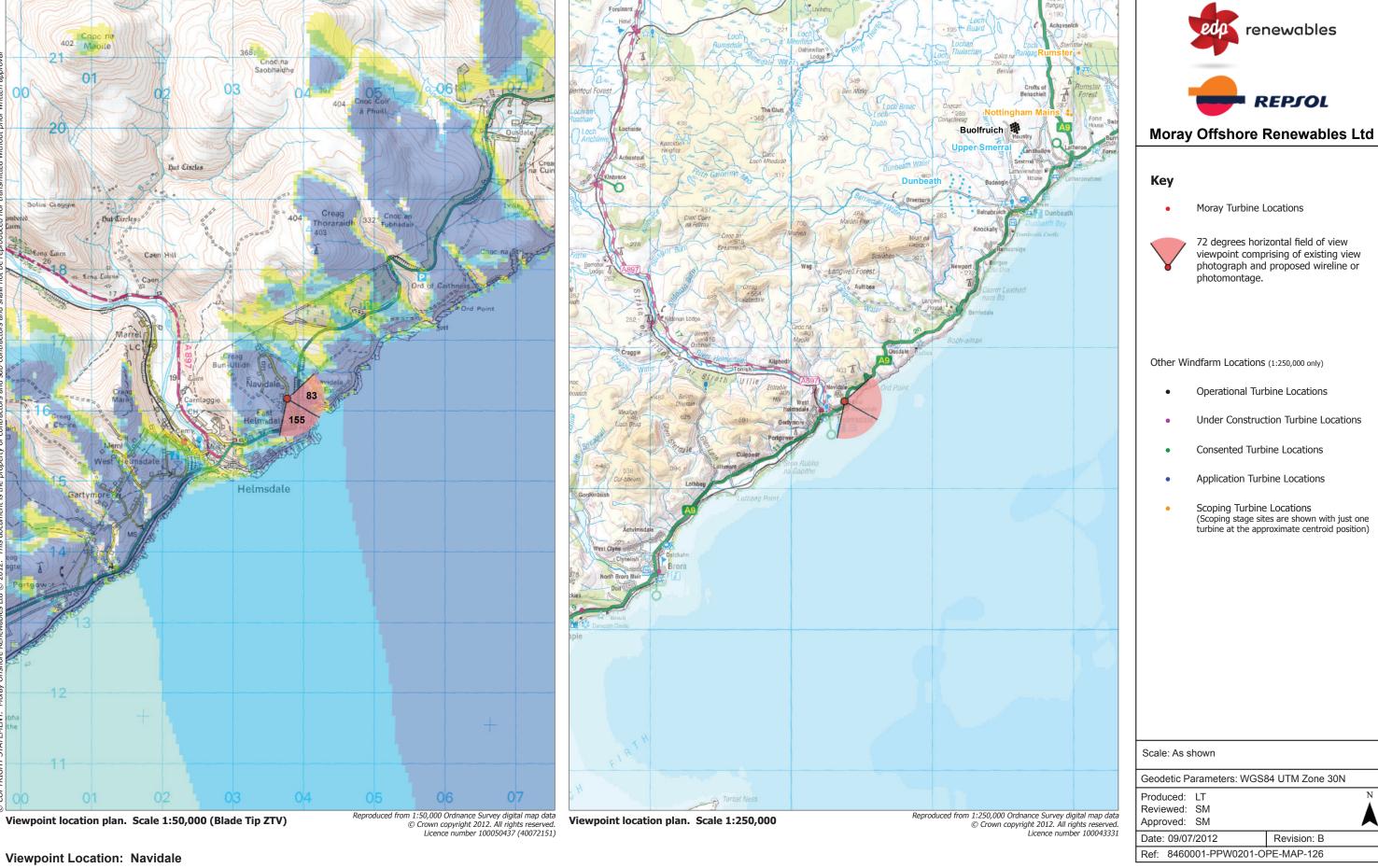
### **Viewpoint Location: Morven**

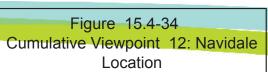
Viewpoint Grid Reference View Direction Viewpoint Elevation Horizontal Field of View Distance to the nearest proposed turbine

- 300482 E 928539 N 168 degrees c 704 m AOD

- 72 degrees
- 49.16 km

Figure 15.4-33c Cumulative Viewpoint 11: Morven Wireframe





Revision: B

Beatrice Demo (32.88 km) Moray Offshore Scenario 4c (44.89 km) Beatrice Offshore (38.14 km) Computer generated wireframe showing the proposed Moray Offshore Wind Farm turbines in red, operational wind farm turbines in black and application wind farm turbines in blue

# **Important Viewing Instructions**

Visualisations can give an impression of the appearance of a landscape and proposed wind farm. However neither photographs or visualisations can convey a view exactly as it would be seen by the human eye in reality.

To ensure that the scale of the features are illustrated correctly, this sheet should be printed at a size of 420mm by 297mm and viewed at a constant distance of approximately 314mm. The panoramic image should be curved around the viewer at the an exact arc of 72 degrees, or laid flat (or pinned up on a flat wall) and the viewer moving their eye along the image, to maintain a constant distance.

For further information on visualisations and how to use them as an aid to assessment please refer to the "Visual Representation of Windfarms Good Practice Guidance", (2006) published by Scottish Natural Heritage.

While the landform and the curvature of the earth are taken into account, no features such as trees or buildings, which might otherwise obscure the views, are accounted for in the wirelines.

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#### Viewpoint Location: Navidale

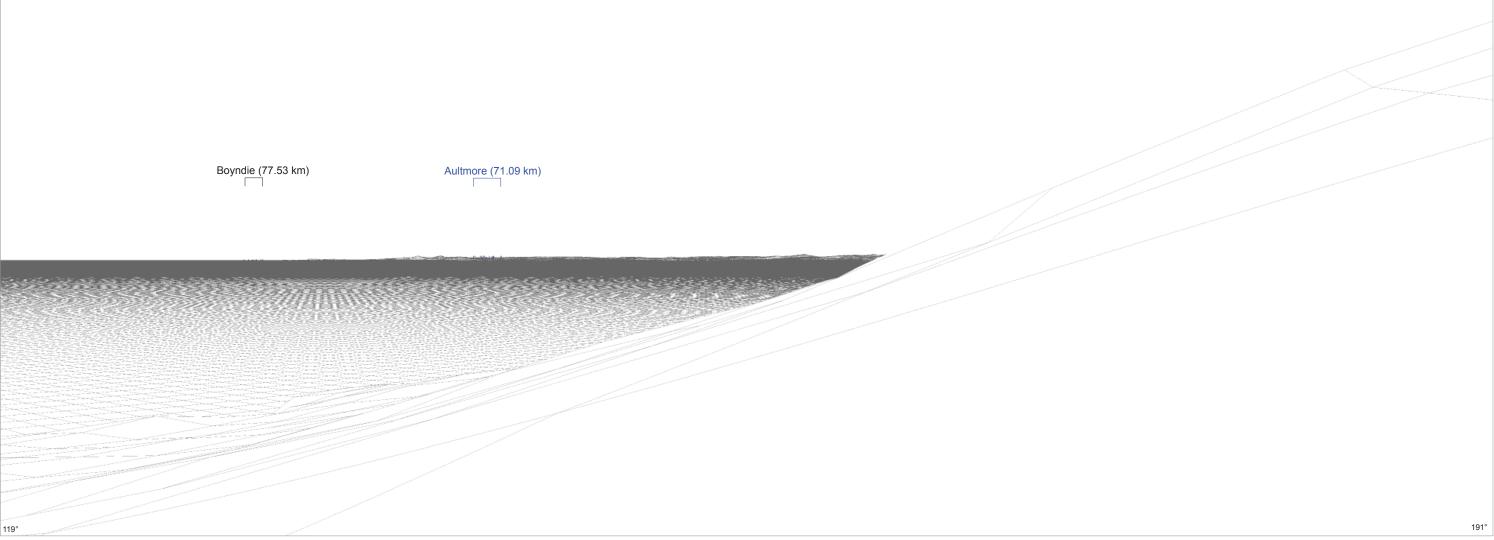
Viewpoint Grid Reference View Direction Viewpoint Elevation Horizontal Field of View

Horizontal Field of View Distance to the nearest proposed turbine

- 303766 E 916161 N

- 83 degrees - c 81 m AOD

- 72 degrees - 44.89 km Figure 15.4-34a Cumulative Viewpoint 12: Navidale Wireframe



Computer generated wireframe showing operational wind farm turbines in black and application wind farm turbines in blue

# **Important Viewing Instructions**

Visualisations can give an impression of the appearance of a landscape and proposed wind farm. However neither photographs or visualisations can convey a view exactly as it would be seen by the human eye in reality.

To ensure that the scale of the features are illustrated correctly, this sheet should be printed at a size of 420mm by 297mm and viewed at a constant distance of approximately 314mm. The panoramic image should be curved around the viewer at the an exact arc of 72 degrees, or laid flat (or pinned up on a flat wall) and the viewer moving their eye along the image, to maintain a constant distance.

For further information on visualisations and how to use them as an aid to assessment please refer to the "Visual Representation of Windfarms Good Practice Guidance", (2006) published by Scottish Natural Heritage.

While the landform and the curvature of the earth are taken into account, no features such as trees or buildings, which might otherwise obscure the views, are accounted for in the wirelines.

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#### **Viewpoint Location: Navidale**

Viewpoint Grid Reference View Direction Viewpoint Elevation Horizontal Field of View Distance to the nearest proposed turbine - 303766 E 916161 N - 155 degrees - c 81 m AOD

- 72 degrees

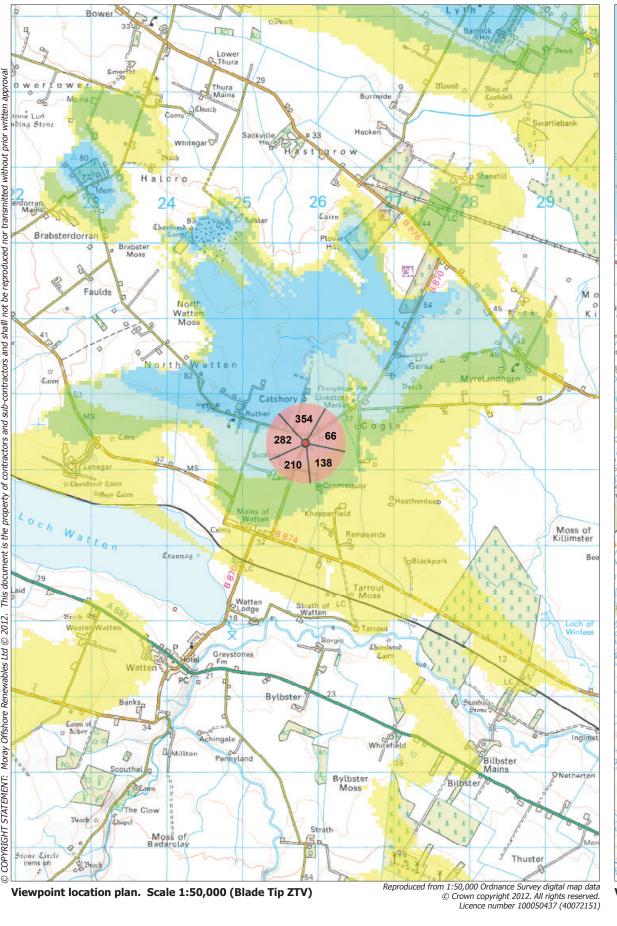
- 44.89 km

Wireframe Moray Offshore

Renewables Ltd

Figure 15.4-34b

Cumulative Viewpoint 12: Navidale





**Viewpoint Location: Catchory** 



### Key

Moray Turbine Locations



72 degrees horizontal field of view viewpoint comprising of existing view photograph and proposed wireline or photomontage.

Other Windfarm Locations (1:250,000 only)

- Operational Turbine Locations
- Under Construction Turbine Locations
- Consented Turbine Locations
- Application Turbine Locations
- Scoping Turbine Locations (Scoping stage sites are shown with just one turbine at the approximate centroid position)

Scale: As shown

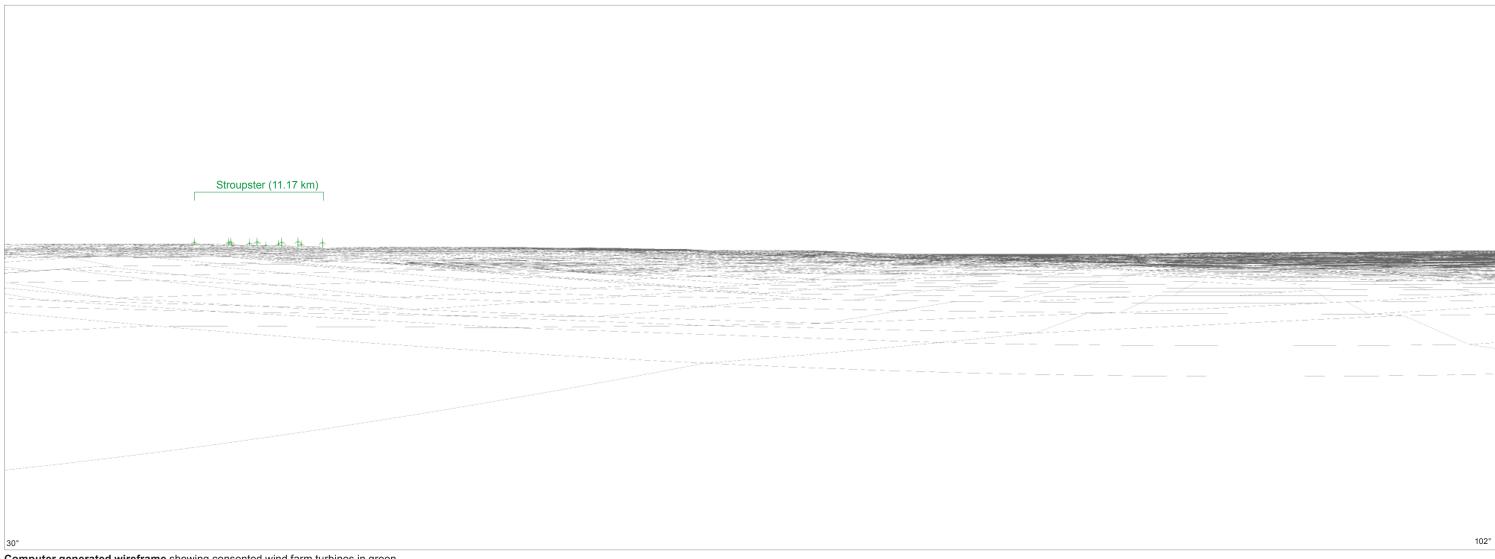
Geodetic Parameters: WGS84 UTM Zone 30N

Produced: LT Reviewed: SM Approved: SM

Date: 09/07/2012 Revision: B

Ref: 8460001-PPW0201-OPE-MAP-127

Figure 15.4-35
Cumulative Viewpoint 13: Catchory
Location



Computer generated wireframe showing consented wind farm turbines in green

### **Important Viewing Instructions**

Visualisations can give an impression of the appearance of a landscape and proposed wind farm. However neither photographs or visualisations can convey a view exactly as it would be seen by the human eye in reality.

To ensure that the scale of the features are illustrated correctly, this sheet should be printed at a size of 420mm by 297mm and viewed at a constant distance of approximately 314mm. The panoramic image should be curved around the viewer at the an exact arc of 72 degrees, or laid flat (or pinned up on a flat wall) and the viewer moving their eye along the image, to maintain a constant distance.

For further information on visualisations and how to use them as an aid to assessment please refer to the "Visual Representation of Windfarms Good Practice Guidance", (2006) published by Scottish Natural Heritage.

While the landform and the curvature of the earth are taken into account, no features such as trees or buildings, which might otherwise obscure the views, are accounted for in the wirelines.

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### **Viewpoint Location: Catchory**

Viewpoint Grid Reference View Direction Viewpoint Elevation Horizontal Field of View Distance to the nearest proposed turbine - 325836 E 957348 N - 66 degrees - c 46 m AOD

- 72 degrees

Figure 15.4-35a Cumulative Viewpoint 13: Catchory Wireframe



Computer generated wireframe showing the proposed Moray Offshore Wind Farm turbines in red, operational wind farm turbines in green, application wind farm turbines in blue and scoping wind farm turbines in orange

## **Important Viewing Instructions**

Visualisations can give an impression of the appearance of a landscape and proposed wind farm. However neither photographs or visualisations can convey a view exactly as it would be seen by the human eye in reality.

To ensure that the scale of the features are illustrated correctly, this sheet should be printed at a size of 420mm by 297mm and viewed at a constant distance of approximately 314mm. The panoramic image should be curved around the viewer at the an exact arc of 72 degrees, or laid flat (or pinned up on a flat wall) and the viewer moving their eye along the image, to maintain a constant distance.

For further information on visualisations and how to use them as an aid to assessment please refer to the "Visual Representation of Windfarms Good Practice Guidance", (2006) published by Scottish Natural Heritage.

While the landform and the curvature of the earth are taken into account, no features such as trees or buildings, which might otherwise obscure the views, are accounted for in the wirelines.

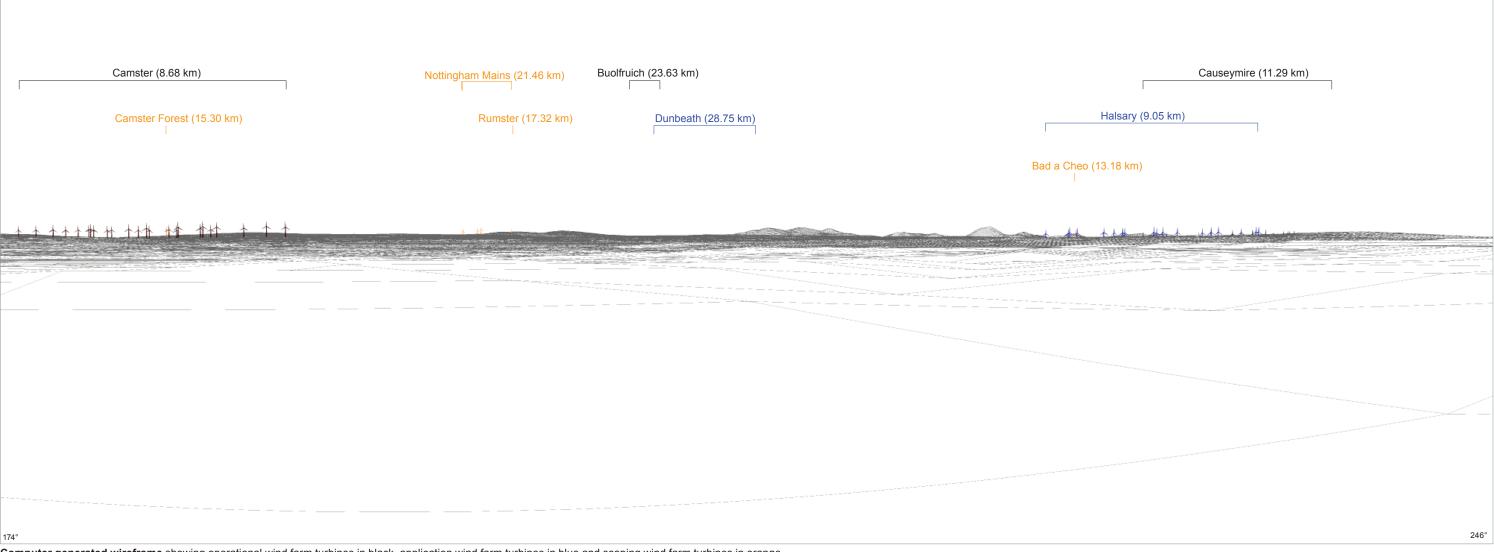
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#### **Viewpoint Location: Catchory**

Viewpoint Grid Reference View Direction Viewpoint Elevation Horizontal Field of View Distance to the nearest proposed turbine

- 325836 E 957348 N - 138 degrees - c 46 m AOD

- c 46 m AOD - 72 degrees - 38.90 km Figure 15.4-35b Cumulative Viewpoint 13: Catchory Wireframe



Computer generated wireframe showing operational wind farm turbines in black, application wind farm turbines in blue and scoping wind farm turbines in orange

# **Important Viewing Instructions**

Visualisations can give an impression of the appearance of a landscape and proposed wind farm. However neither photographs or visualisations can convey a view exactly as it would be seen by the human eye in reality.

To ensure that the scale of the features are illustrated correctly, this sheet should be printed at a size of 420mm by 297mm and viewed at a constant distance of approximately 314mm. The panoramic image should be curved around the viewer at the an exact arc of 72 degrees, or laid flat (or pinned up on a flat wall) and the viewer moving their eye along the image, to maintain a constant distance.

For further information on visualisations and how to use them as an aid to assessment please refer to the "Visual Representation of Windfarms Good Practice Guidance", (2006) published by Scottish Natural Heritage.

While the landform and the curvature of the earth are taken into account, no features such as trees or buildings, which might otherwise obscure the views, are accounted for in the wirelines.

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#### **Viewpoint Location: Catchory**

Viewpoint Grid Reference View Direction Viewpoint Elevation Horizontal Field of View

Horizontal Field of View Distance to the nearest proposed turbine

- 325836 E 957348 N

- 210 degrees - c 46 m AOD

- C 46 m AOD - 72 degrees - 38.90 km Figure 15.4-35c Cumulative Viewpoint 13: Catchory Wireframe



# **Important Viewing Instructions**

Visualisations can give an impression of the appearance of a landscape and proposed wind farm. However neither photographs or visualisations can convey a view exactly as it would be seen by the human eye in reality.

To ensure that the scale of the features are illustrated correctly, this sheet should be printed at a size of 420mm by 297mm and viewed at a constant distance of approximately 314mm. The panoramic image should be curved around the viewer at the an exact arc of 72 degrees, or laid flat (or pinned up on a flat wall) and the viewer moving their eye along the image, to maintain a constant distance.

For further information on visualisations and how to use them as an aid to assessment please refer to the "Visual Representation of Windfarms Good Practice Guidance", (2006) published by Scottish Natural Heritage.

While the landform and the curvature of the earth are taken into account, no features such as trees or buildings, which might otherwise obscure the views, are accounted for in the wirelines.

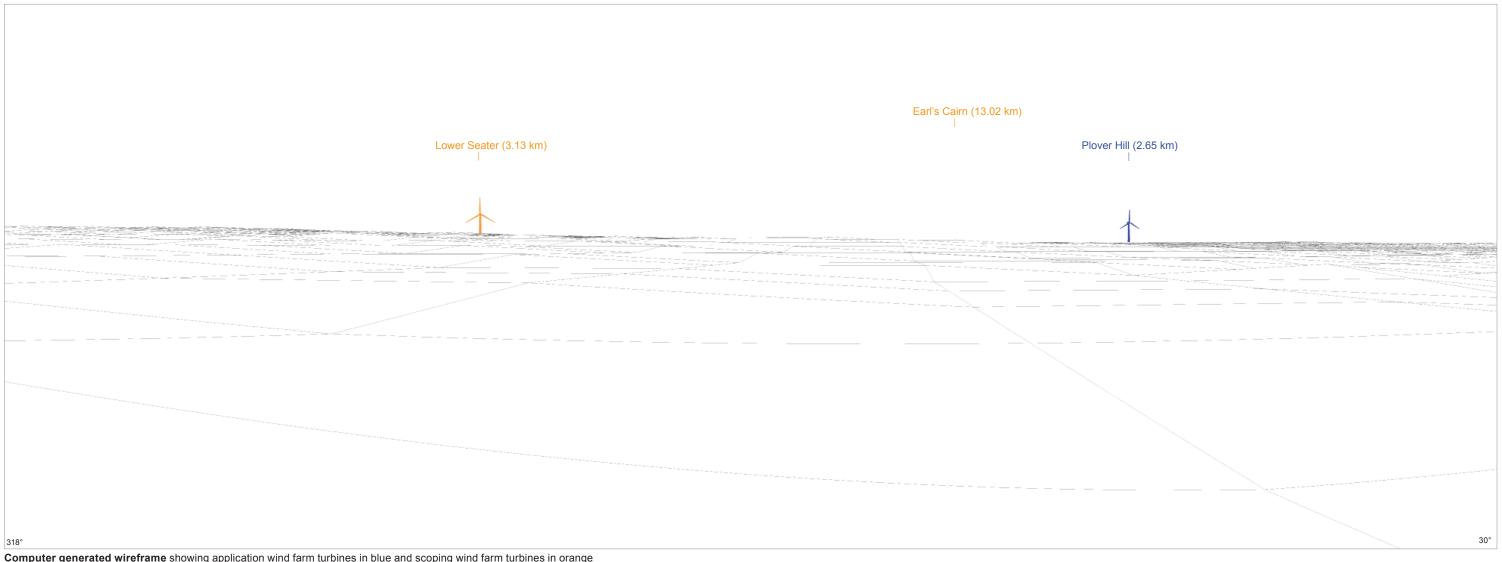
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### **Viewpoint Location: Catchory**

Viewpoint Grid Reference View Direction Viewpoint Elevation Horizontal Field of View Distance to the nearest proposed turbine - 325836 E 957348 N - 282 degrees - c 46 m AOD

- 72 degrees

Figure 15.4-35d Cumulative Viewpoint 13: Catchory Wireframe



Computer generated wireframe showing application wind farm turbines in blue and scoping wind farm turbines in orange

## **Important Viewing Instructions**

Visualisations can give an impression of the appearance of a landscape and proposed wind farm. However neither photographs or visualisations can convey a view exactly as it would be seen by the human eye in reality.

To ensure that the scale of the features are illustrated correctly, this sheet should be printed at a size of 420mm by 297mm and viewed at a constant distance of approximately 314mm. The panoramic image should be curved around the viewer at the an exact arc of 72 degrees, or laid flat (or pinned up on a flat wall) and the viewer moving their eye along the image, to maintain a constant distance.

For further information on visualisations and how to use them as an aid to assessment please refer to the "Visual Representation of Windfarms Good Practice Guidance", (2006) published by Scottish Natural Heritage.

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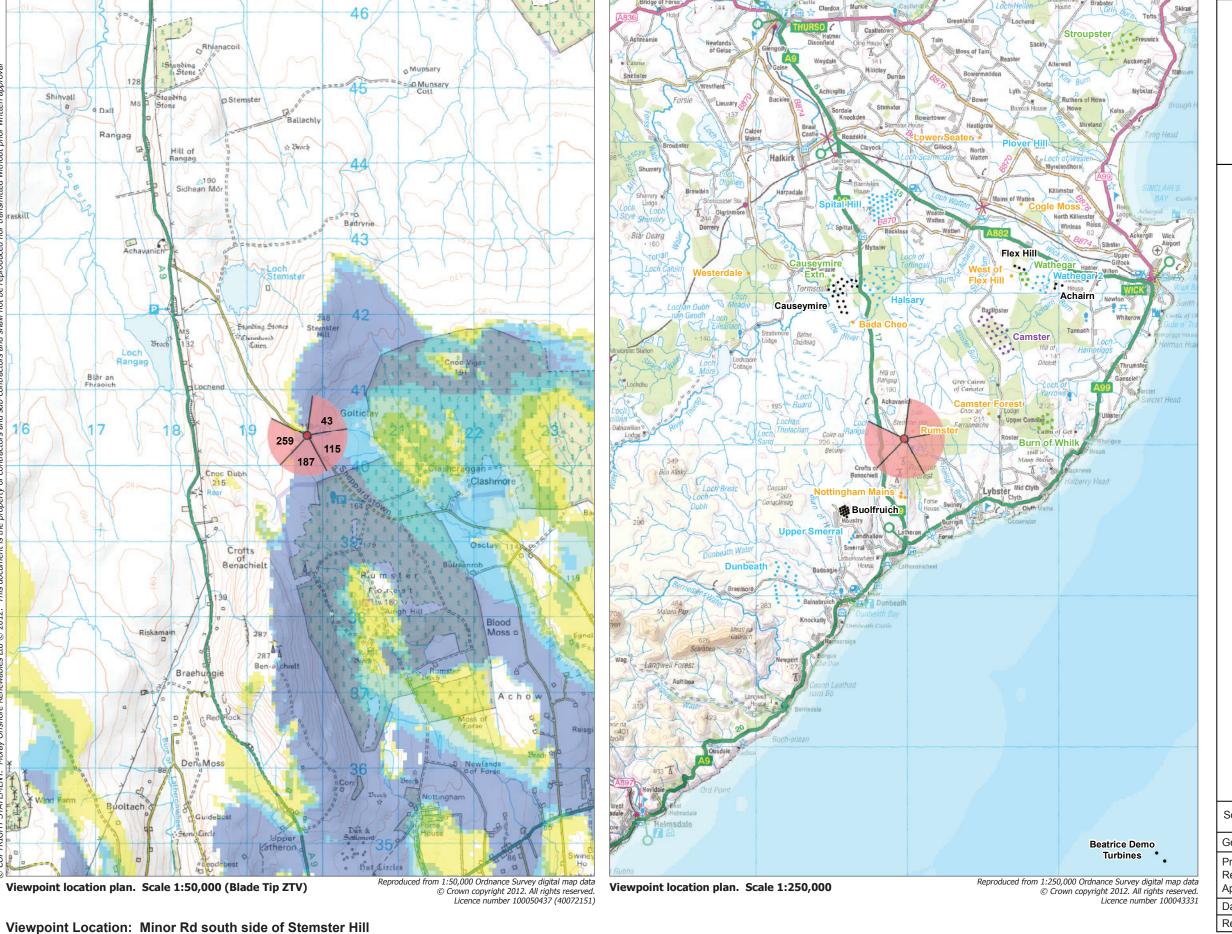
#### **Viewpoint Location: Catchory**

Viewpoint Grid Reference View Direction Viewpoint Elevation Horizontal Field of View

- 325836 E 957348 N - 354 degrees - c 46 m AOD

- 72 degrees Distance to the nearest proposed turbine

Figure 15.4-35e Cumulative Viewpoint 13: Catchory Wireframe





### Key

Moray Turbine Locations



72 degrees horizontal field of view viewpoint comprising of existing view photograph and proposed wireline or photomontage.

Other Windfarm Locations (1:250,000 only)

- **Operational Turbine Locations**
- **Under Construction Turbine Locations**
- Consented Turbine Locations
- Application Turbine Locations
- Scoping Turbine Locations (Scoping stage sites are shown with just one turbine at the approximate centroid position)

Scale: As shown

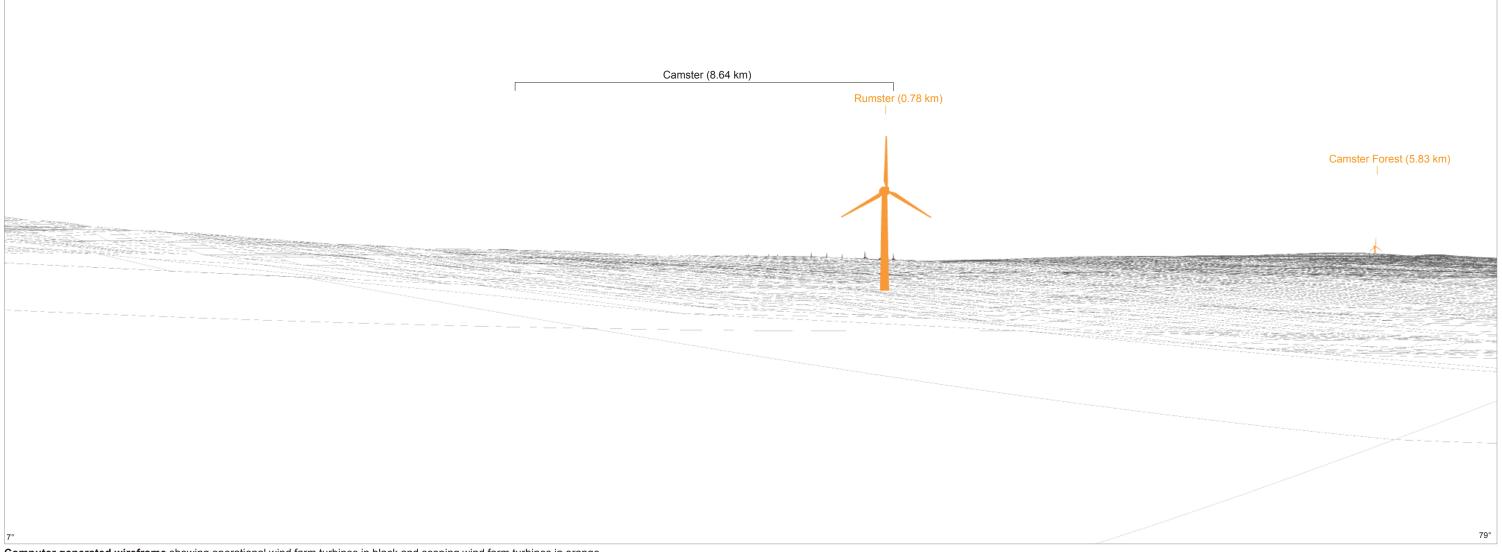
Geodetic Parameters: WGS84 UTM Zone 30N

Produced: LT Reviewed: SM Approved: SM

Date: 09/07/2012 Revision: B Ref: 8460001-PPW0201-OPE-MAP-128

Figure 15.4-36

Cumulative Viewpoint 14: Minor Road, south side of Stemster Hill Location



Computer generated wireframe showing operational wind farm turbines in black and scoping wind farm turbines in orange

## **Important Viewing Instructions**

Visualisations can give an impression of the appearance of a landscape and proposed wind farm. However neither photographs or visualisations can convey a view exactly as it would be seen by the human eye in reality.

To ensure that the scale of the features are illustrated correctly, this sheet should be printed at a size of 420mm by 297mm and viewed at a constant distance of approximately 314mm. The panoramic image should be curved around the viewer at the an exact arc of 72 degrees, or laid flat (or pinned up on a flat wall) and the viewer moving their eye along the image, to maintain a constant distance.

For further information on visualisations and how to use them as an aid to assessment please refer to the "Visual Representation of Windfarms Good Practice Guidance", (2006) published by Scottish Natural Heritage.

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### Viewpoint Location: Minor Rd south side of Stemster Hill

Viewpoint Grid Reference View Direction

Viewpoint Elevation Horizontal Field of View

- 319802 E 940395 N - 43 degrees - c 199 m AOD

- 72 degrees Distance to the nearest proposed turbine - 33.74 km

Figure 15.4-36a Cumulative Viewpoint 14: Minor Road, south side of Stemster Hill Wireframe

Burn of While (6.92 km)

Burn of While (6.92 km)

Beattire Offshore Scenario 4c (33.74 km)

Beattire Offshore (28.35 km)

Beattire Offshore (28.35 km)

Computer generated wireframe showing the proposed Moray Offshore Wind Farm turbines in red, operational wind farm turbines in black, consented wind farm turbines in green and application wind farm turbines in blue

# **Important Viewing Instructions**

Visualisations can give an impression of the appearance of a landscape and proposed wind farm. However neither photographs or visualisations can convey a view exactly as it would be seen by the human eye in reality.

To ensure that the scale of the features are illustrated correctly, this sheet should be printed at a size of 420mm by 297mm and viewed at a constant distance of approximately 314mm. The panoramic image should be curved around the viewer at the an exact arc of 72 degrees, or laid flat (or pinned up on a flat wall) and the viewer moving their eye along the image, to maintain a constant distance.

For further information on visualisations and how to use them as an aid to assessment please refer to the "Visual Representation of Windfarms Good Practice Guidance", (2006) published by Scottish Natural Heritage.

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#### Viewpoint Location: Minor Rd south side of Stemster Hill

Viewpoint Grid Reference View Direction

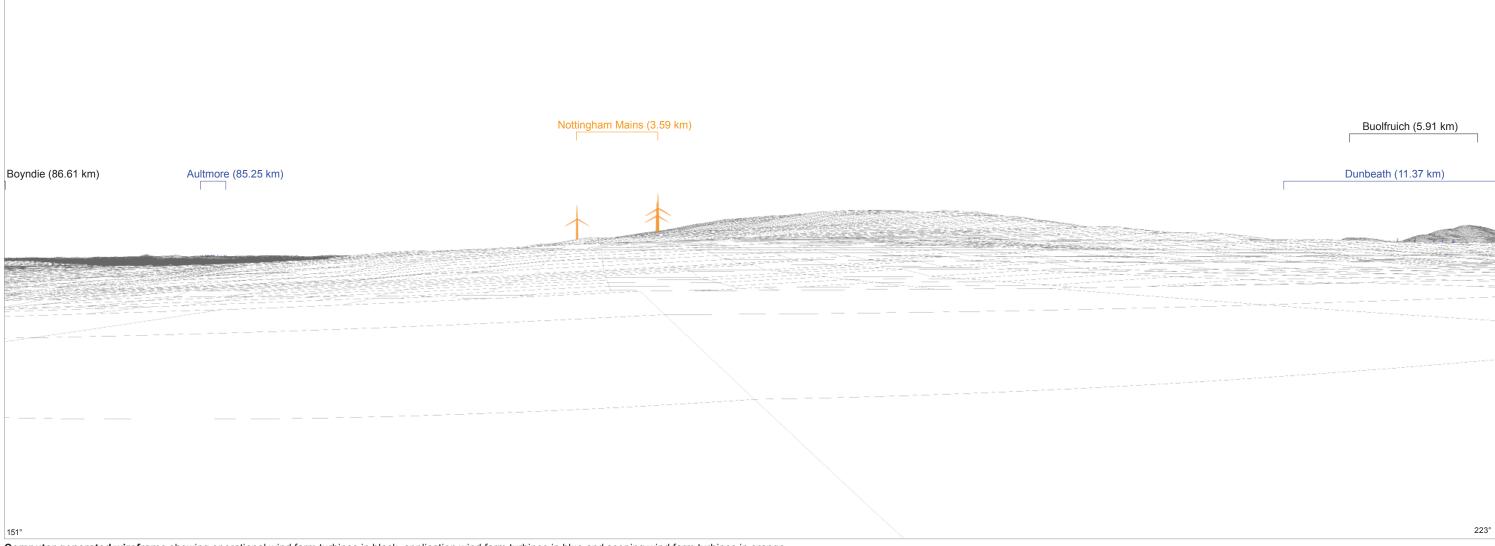
View Direction
Viewpoint Elevation
Horizontal Field of Vi

Horizontal Field of View
Distance to the nearest proposed turbine

- 319802 E 940395 N

- 115 degrees - c 199 m AOD

- 72 degrees - 33.74 km Figure 15.4-36b
Cumulative Viewpoint 14: Minor Road, south side of Stemster Hill Wireframe



Computer generated wireframe showing operational wind farm turbines in black, application wind farm turbines in blue and scoping wind farm turbines in orange

# **Important Viewing Instructions**

Visualisations can give an impression of the appearance of a landscape and proposed wind farm. However neither photographs or visualisations can convey a view exactly as it would be seen by the human eye in reality.

To ensure that the scale of the features are illustrated correctly, this sheet should be printed at a size of 420mm by 297mm and viewed at a constant distance of approximately 314mm. The panoramic image should be curved around the viewer at the an exact arc of 72 degrees, or laid flat (or pinned up on a flat wall) and the viewer moving their eye along the image, to maintain a constant distance.

For further information on visualisations and how to use them as an aid to assessment please refer to the "Visual Representation of Windfarms Good Practice Guidance", (2006) published by Scottish Natural Heritage.

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### Viewpoint Location: Minor Rd south side of Stemster Hill

Viewpoint Grid Reference View Direction

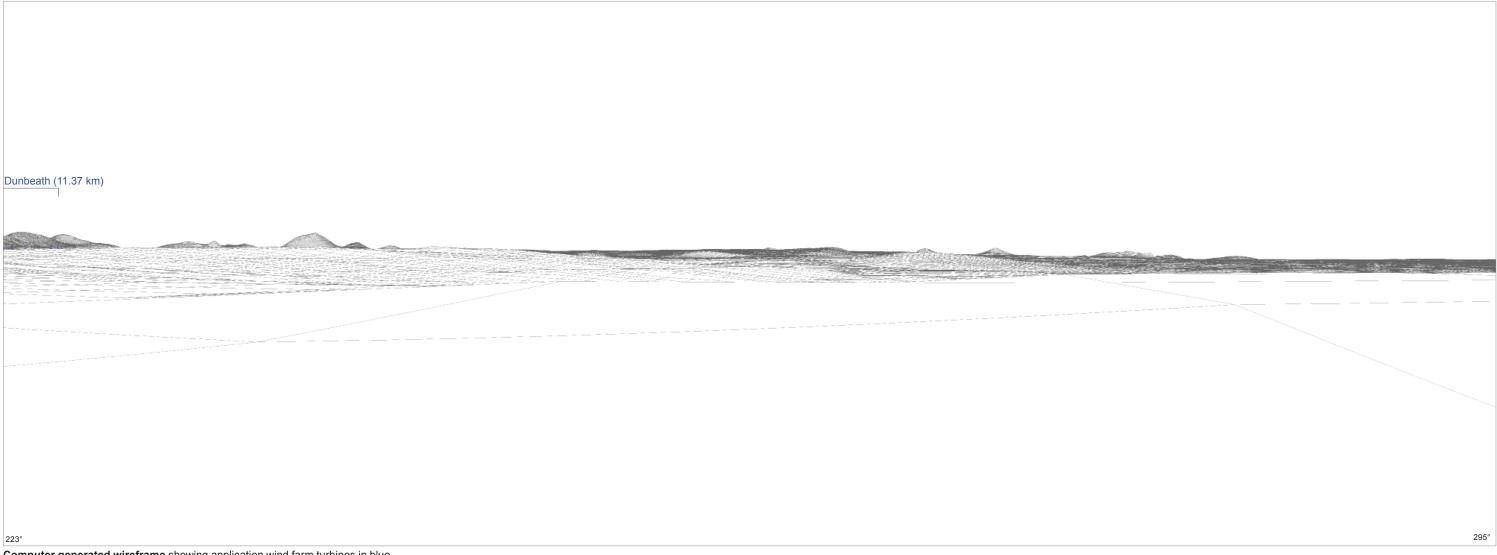
View Direction
Viewpoint Elevation
Horizontal Field of View

Distance to the nearest proposed turbine

- 319802 E 940395 N

- 187 degrees - c 199 m AOD

- 72 degrees - 33.74 km Figure 15.4-36c
Cumulative Viewpoint 14: Minor Road, south side of Stemster Hill Wireframe



Computer generated wireframe showing application wind farm turbines in blue

## **Important Viewing Instructions**

Visualisations can give an impression of the appearance of a landscape and proposed wind farm. However neither photographs or visualisations can convey a view exactly as it would be seen by the human eye in reality.

To ensure that the scale of the features are illustrated correctly, this sheet should be printed at a size of 420mm by 297mm and viewed at a constant distance of approximately 314mm. The panoramic image should be curved around the viewer at the an exact arc of 72 degrees, or laid flat (or pinned up on a flat wall) and the viewer moving their eye along the image, to maintain a constant distance.

For further information on visualisations and how to use them as an aid to assessment please refer to the "Visual Representation of Windfarms Good Practice Guidance", (2006) published by Scottish Natural Heritage.

While the landform and the curvature of the earth are taken into account, no features such as trees or buildings, which might otherwise obscure the views, are accounted for in the wirelines.

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### Viewpoint Location: Minor Rd south side of Stemster Hill

Viewpoint Grid Reference View Direction Viewpoint Elevation

Horizontal Field of View

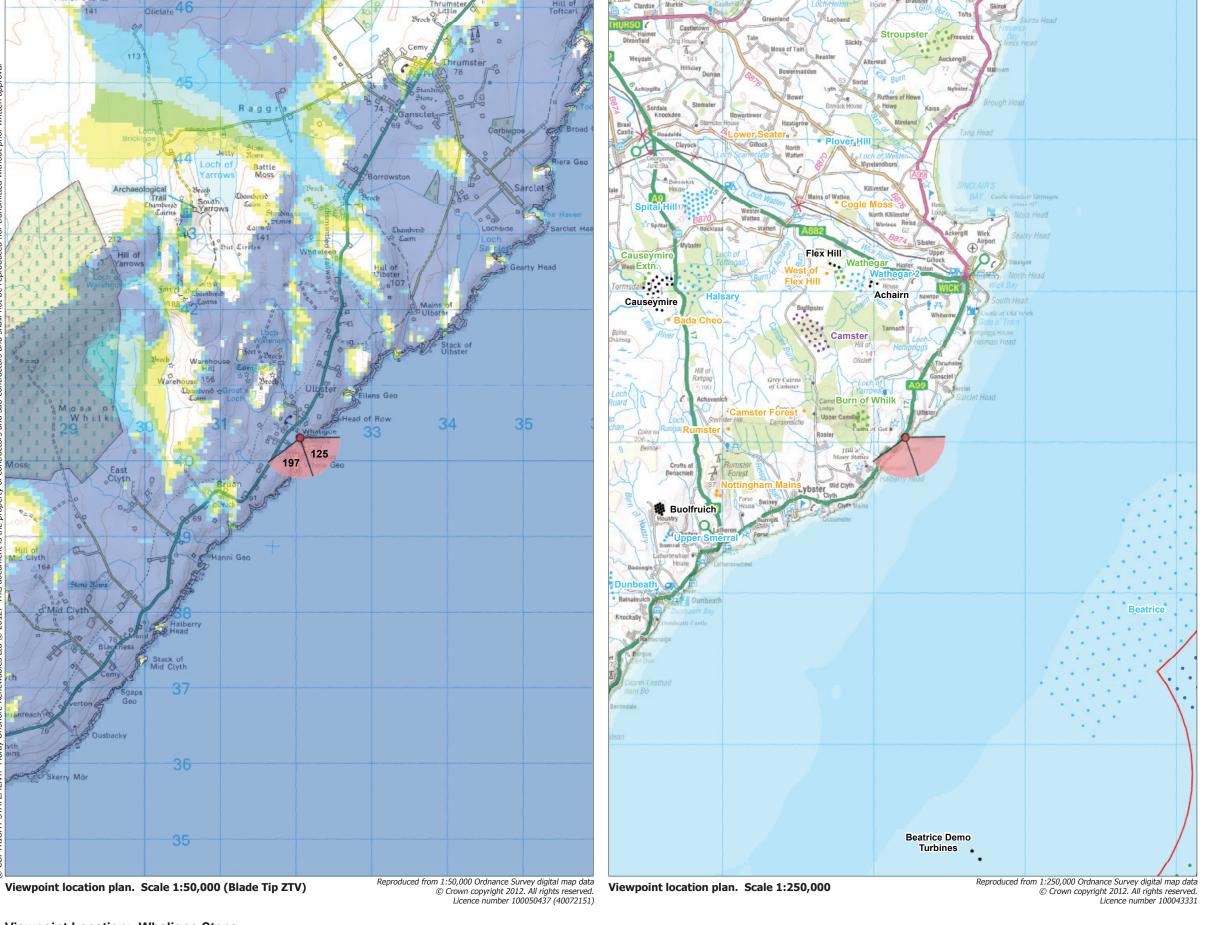
Distance to the nearest proposed turbine

- 319802 E 940395 N

- 259 degrees - c 199 m AOD

- 72 degrees - 33.74 km

Figure 15.4-36d Cumulative Viewpoint 14: Minor Road, south side of Stemster Hill Wireframe



**Viewpoint Location: Whaligoe Steps** 



### Key

Moray Turbine Locations



72 degrees horizontal field of view viewpoint comprising of existing view photograph and proposed wireline or photomontage.

Other Windfarm Locations (1:250,000 only)

- Operational Turbine Locations
- Under Construction Turbine Locations
- Consented Turbine Locations
- Application Turbine Locations
- Scoping Turbine Locations (Scoping stage sites are shown with just one turbine at the approximate centroid position)

Scale: As shown

Geodetic Parameters: WGS84 UTM Zone 30N

Produced: LT Reviewed: SM Approved: SM

Date: 09/07/2012 Revision: B
Ref: 8460001-PPW0201-OPE-MAP-129

Figure 15.4-37
Cumulative Viewpoint 15: Whaligoe
Steps Location

Boyndie (81.32 km) Moray Offshore Scenario 4c (23.64 km) Beatrice Offshore (15.43 km) 

Computer generated wireframe showing the proposed Moray Offshore Wind Farm turbines in red, operational wind farm turbines in black, and application wind farm turbines in blue

# **Important Viewing Instructions**

Visualisations can give an impression of the appearance of a landscape and proposed wind farm. However neither photographs or visualisations can convey a view exactly as it would be seen by the human eye in reality.

To ensure that the scale of the features are illustrated correctly, this sheet should be printed at a size of 420mm by 297mm and viewed at a constant distance of approximately 314mm. The panoramic image should be curved around the viewer at the an exact arc of 72 degrees, or laid flat (or pinned up on a flat wall) and the viewer moving their eye along the image, to maintain a constant distance.

For further information on visualisations and how to use them as an aid to assessment please refer to the "Visual Representation of Windfarms Good Practice Guidance", (2006) published by Scottish Natural Heritage.

While the landform and the curvature of the earth are taken into account, no features such as trees or buildings, which might otherwise obscure the views, are accounted for in the wirelines.

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### **Viewpoint Location: Whaligoe Steps**

Viewpoint Grid Reference View Direction Viewpoint Elevation

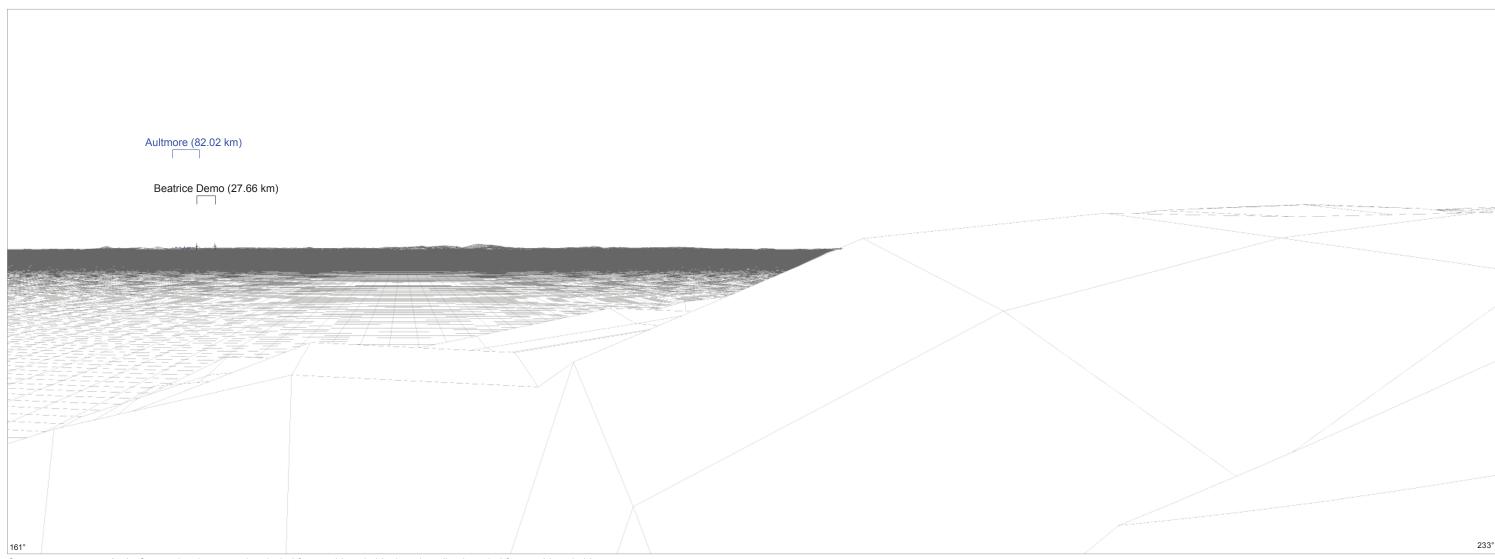
Horizontal Field of View Distance to the nearest proposed turbine

- 125 degrees - c 65 m AOD - 72 degrees

- 332051 E 940296 N

- 23.64 km

Figure 15.4-37a Cumulative Viewpoint 15: Whaligoe Steps Wireframe



Computer generated wireframe showing operational wind farm turbines in black and application wind farm turbines in blue

# **Important Viewing Instructions**

Visualisations can give an impression of the appearance of a landscape and proposed wind farm. However neither photographs or visualisations can convey a view exactly as it would be seen by the human eye in reality.

To ensure that the scale of the features are illustrated correctly, this sheet should be printed at a size of 420mm by 297mm and viewed at a constant distance of approximately 314mm. The panoramic image should be curved around the viewer at the an exact arc of 72 degrees, or laid flat (or pinned up on a flat wall) and the viewer moving their eye along the image, to maintain a constant distance.

For further information on visualisations and how to use them as an aid to assessment please refer to the "Visual Representation of Windfarms Good Practice Guidance", (2006) published by Scottish Natural Heritage.

While the landform and the curvature of the earth are taken into account, no features such as trees or buildings, which might otherwise obscure the views, are accounted for in the wirelines.

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### **Viewpoint Location: Whaligoe Steps**

Viewpoint Grid Reference View Direction

Viewpoint Elevation Horizontal Field of View Distance to the nearest proposed turbine

- 332051 E 940296 N - 197 degrees - c 65 m AOD

- 72 degrees - 23.64 km

Figure 15.4-37b Cumulative Viewpoint 15: Whaligoe Steps Wireframe



Viewpoint Location: Lossiemouth, Harbour



renewables **REPSOL Moray Offshore Renewables Ltd** 

### Key

Moray Turbine Locations



72 degrees horizontal field of view viewpoint comprising of existing view photograph and proposed wireline or photomontage.

Other Windfarm Locations (1:250,000 only)

- **Operational Turbine Locations**
- **Under Construction Turbine Locations**
- Consented Turbine Locations
- Application Turbine Locations
- Scoping Turbine Locations (Scoping stage sites are shown with just one turbine at the approximate centroid position)

Scale: As shown

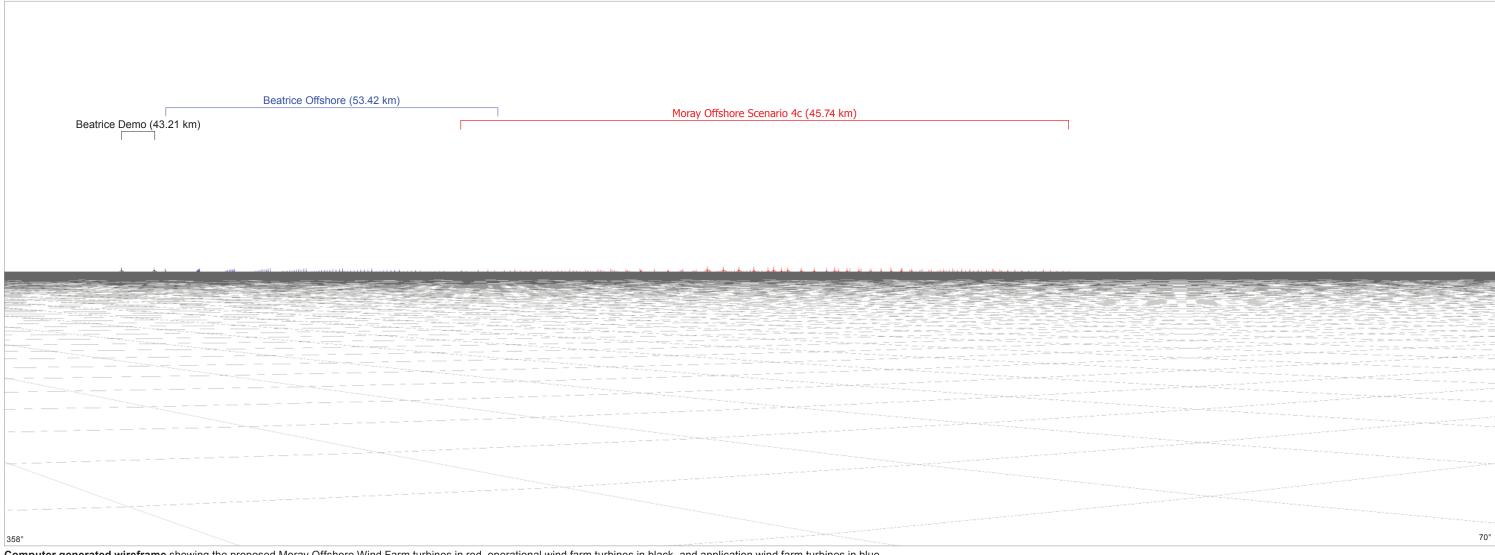
Geodetic Parameters: WGS84 UTM Zone 30N

Produced: LT Reviewed: SM Approved: SM

Date: 09/07/2012 Revision: B

Ref: 8460001-PPW0201-OPE-MAP-130

Figure 15.4-38 Cumulative Viewpoint 16: Lossiemouth, Harbour Location



Computer generated wireframe showing the proposed Moray Offshore Wind Farm turbines in red, operational wind farm turbines in black, and application wind farm turbines in blue

# **Important Viewing Instructions**

Visualisations can give an impression of the appearance of a landscape and proposed wind farm. However neither photographs or visualisations can convey a view exactly as it would be seen by the human eye in reality.

To ensure that the scale of the features are illustrated correctly, this sheet should be printed at a size of 420mm by 297mm and viewed at a constant distance of approximately 314mm. The panoramic image should be curved around the viewer at the an exact arc of 72 degrees, or laid flat (or pinned up on a flat wall) and the viewer moving their eye along the image, to maintain a constant distance.

For further information on visualisations and how to use them as an aid to assessment please refer to the "Visual Representation of Windfarms Good Practice Guidance", (2006) published by Scottish Natural Heritage.

While the landform and the curvature of the earth are taken into account, no features such as trees or buildings, which might otherwise obscure the views, are accounted for in the wirelines.

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### Viewpoint Location: Lossiemouth, Harbour

- 323654 E 871296 N - 34 degrees - c 2 m AOD Viewpoint Grid Reference View Direction Viewpoint Elevation Horizontal Field of View - 72 degrees Distance to the nearest proposed turbine - 45.74 km

Figure 15.4-38a Cumulative Viewpoint 16: Lossiemouth, Harbour Wireframe



Computer generated wireframe showing operational wind farm turbines in black and application wind farm turbines in blue

# **Important Viewing Instructions**

Visualisations can give an impression of the appearance of a landscape and proposed wind farm. However neither photographs or visualisations can convey a view exactly as it would be seen by the human eye in reality.

To ensure that the scale of the features are illustrated correctly, this sheet should be printed at a size of 420mm by 297mm and viewed at a constant distance of approximately 314mm. The panoramic image should be curved around the viewer at the an exact arc of 72 degrees, or laid flat (or pinned up on a flat wall) and the viewer moving their eye along the image, to maintain a constant distance.

For further information on visualisations and how to use them as an aid to assessment please refer to the "Visual Representation of Windfarms Good Practice Guidance", (2006) published by Scottish Natural Heritage.

While the landform and the curvature of the earth are taken into account, no features such as trees or buildings, which might otherwise obscure the views, are accounted for in the wirelines.

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#### **Viewpoint Location: Lossiemouth, Harbour**

Viewpoint Grid Reference View Direction

- 323654 E 871296 N - 106 degrees - c 2 m AOD Viewpoint Elevation Horizontal Field of View - 72 degrees Distance to the nearest proposed turbine - 45.74 km

Figure 15.4-38b Cumulative Viewpoint 16: Lossiemouth, Harbour Wireframe



**Viewpoint Location: Buckie Cliff Terrace** 



### Key

Moray Turbine Locations



72 degrees horizontal field of view viewpoint comprising of existing view photograph and proposed wireline or photomontage.

Other Windfarm Locations (1:250,000 only)

- **Operational Turbine Locations**
- **Under Construction Turbine Locations**
- Consented Turbine Locations
- Application Turbine Locations
- Scoping Turbine Locations (Scoping stage sites are shown with just one turbine at the approximate centroid position)

Scale: As shown

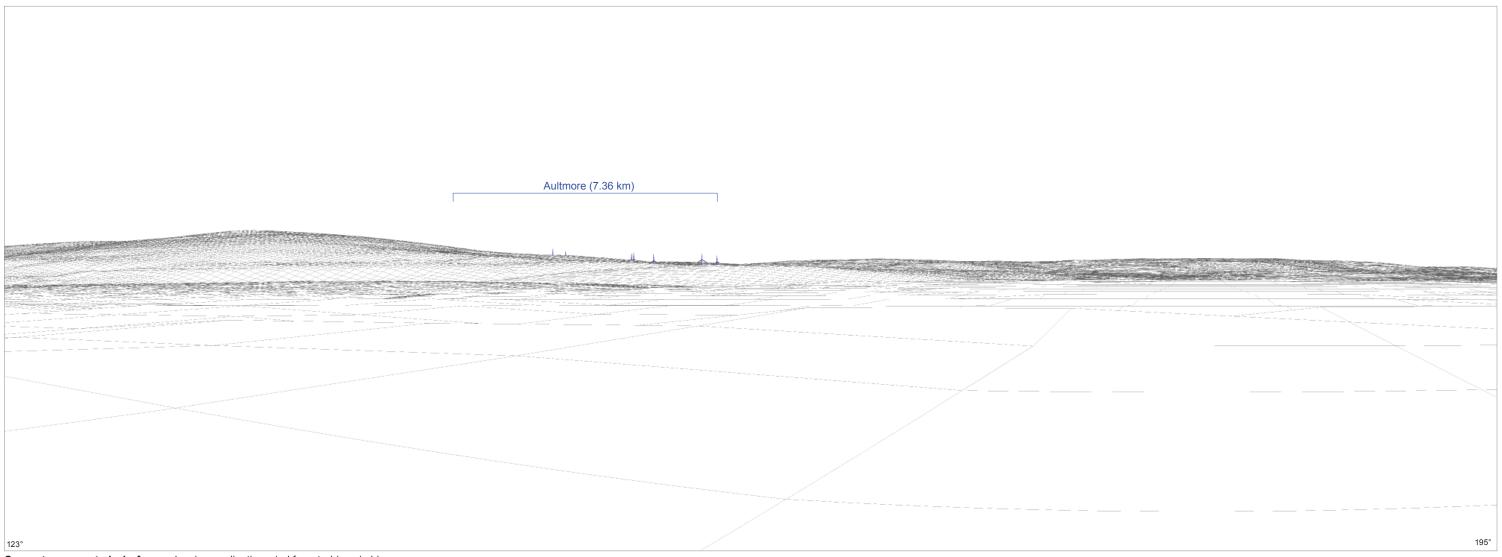
Geodetic Parameters: WGS84 UTM Zone 30N

Produced: LT Reviewed: SM Approved: SM

Date: 09/07/2012 Revision: B

Ref: 8460001-PPW0201-OPE-MAP-131

Figure 15.4-39 Cumulative Viewpoint 17: Buckie, Cliff Terrace Location



Computer generated wireframe showing application wind farm turbines in blue

### **Important Viewing Instructions**

Visualisations can give an impression of the appearance of a landscape and proposed wind farm. However neither photographs or visualisations can convey a view exactly as it would be seen by the human eye in reality.

To ensure that the scale of the features are illustrated correctly, this sheet should be printed at a size of 420mm by 297mm and viewed at a constant distance of approximately 314mm. The panoramic image should be curved around the viewer at the an exact arc of 72 degrees, or laid flat (or pinned up on a flat wall) and the viewer moving their eye along the image, to maintain a constant distance.

For further information on visualisations and how to use them as an aid to assessment please refer to the "Visual Representation of Windfarms Good Practice Guidance", (2006) published by Scottish Natural Heritage.

While the landform and the curvature of the earth are taken into account, no features such as trees or buildings, which might otherwise obscure the views, are accounted for in the wirelines.

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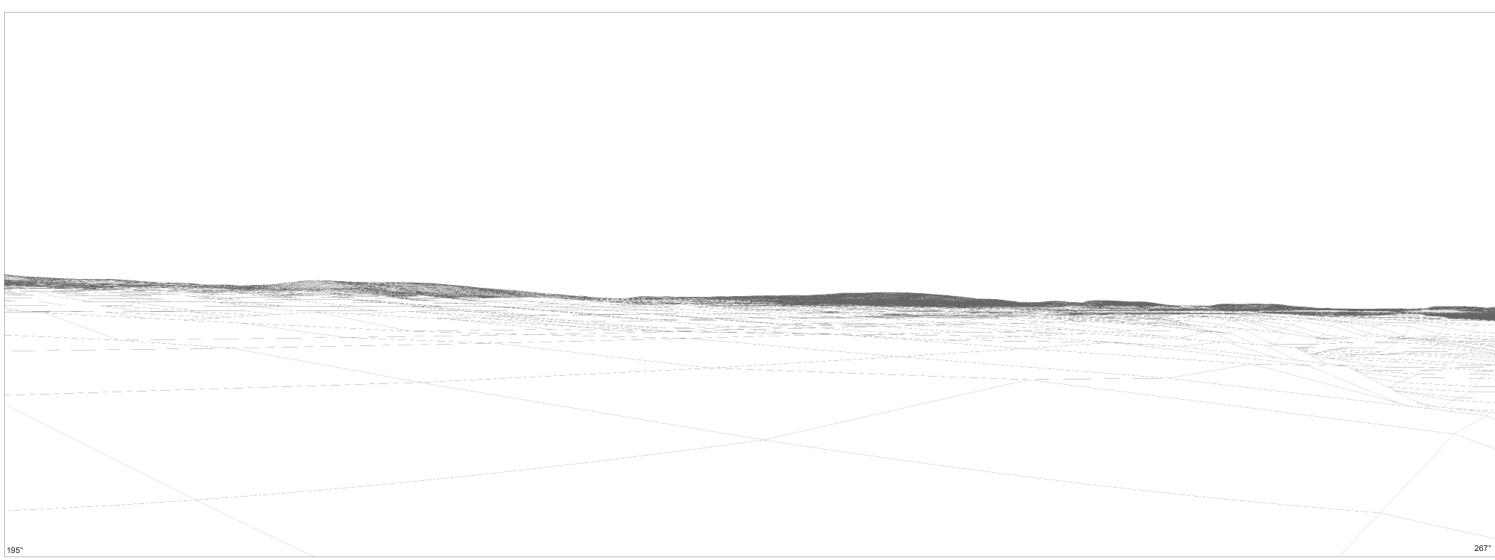
#### **Viewpoint Location: Buckie Cliff Terrace**

Viewpoint Grid Reference View Direction

Viewpoint Elevation
Horizontal Field of View
Distance to the nearest proposed turbine

- 343091 E 865825 N - 159 degrees - c 20 m AOD

- c 20 m AOD - 72 degrees - 44.35 km Figure 15.4-39a
Cumulative Viewpoint 17: Buckie,
Cliff Terrace Wireframe



Computer generated wireframe showing no wind farm turbines visible

## **Important Viewing Instructions**

Visualisations can give an impression of the appearance of a landscape and proposed wind farm. However neither photographs or visualisations can convey a view exactly as it would be seen by the human eye in reality.

To ensure that the scale of the features are illustrated correctly, this sheet should be printed at a size of 420mm by 297mm and viewed at a constant distance of approximately 314mm. The panoramic image should be curved around the viewer at the an exact arc of 72 degrees, or laid flat (or pinned up on a flat wall) and the viewer moving their eye along the image, to maintain a constant distance.

For further information on visualisations and how to use them as an aid to assessment please refer to the "Visual Representation of Windfarms Good Practice Guidance", (2006) published by Scottish Natural Heritage.

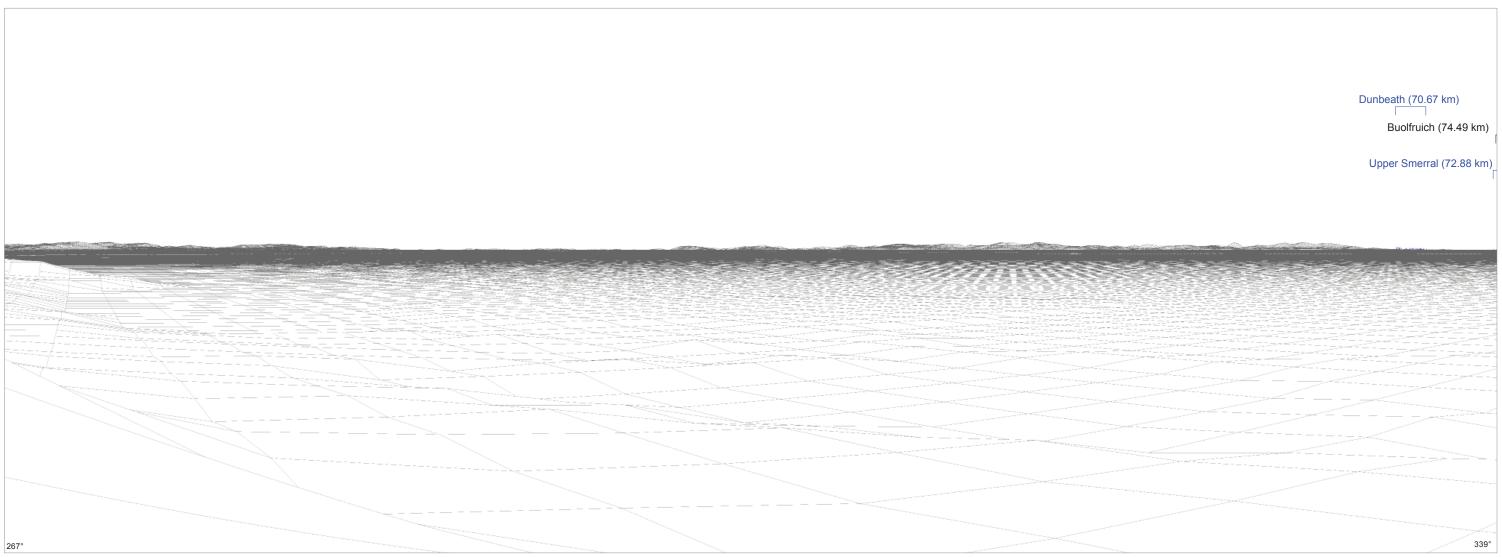
While the landform and the curvature of the earth are taken into account, no features such as trees or buildings, which might otherwise obscure the views, are accounted for in the wirelines.

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### **Viewpoint Location: Buckie Cliff Terrace**

Viewpoint Grid Reference - 343091 E 865825 N
View Direction - 231 degrees
Viewpoint Elevation - c 20 m AOD
Horizontal Field of View - 72 degrees
Distance to the nearest proposed turbine - 44.35 km

Figure 15.4-39b
Cumulative Viewpoint 17: Buckie,
Cliff Terrace Wireframe



Computer generated wireframe showing operational wind farm turbines in black and application wind farm turbines in blue

# **Important Viewing Instructions**

Visualisations can give an impression of the appearance of a landscape and proposed wind farm. However neither photographs or visualisations can convey a view exactly as it would be seen by the human eye in reality.

To ensure that the scale of the features are illustrated correctly, this sheet should be printed at a size of 420mm by 297mm and viewed at a constant distance of approximately 314mm. The panoramic image should be curved around the viewer at the an exact arc of 72 degrees, or laid flat (or pinned up on a flat wall) and the viewer moving their eye along the image, to maintain a constant distance.

For further information on visualisations and how to use them as an aid to assessment please refer to the "Visual Representation of Windfarms Good Practice Guidance", (2006) published by Scottish Natural Heritage.

While the landform and the curvature of the earth are taken into account, no features such as trees or buildings, which might otherwise obscure the views, are accounted for in the wirelines.

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### **Viewpoint Location: Buckie Cliff Terrace**

Viewpoint Grid Reference View Direction Viewpoint Elevation

- 303 degrees - c 20 m AOD Horizontal Field of View - 72 degrees Distance to the nearest proposed turbine - 44.35 km

- 343091 E 865825 N

Figure 15.4-39c Cumulative Viewpoint 17: Buckie, Cliff Terrace Wireframe

Buolfruich (74.49 km) Beatrice Demo (47.02 km) Upper Smerral (72.88 km) Moray Offshore Scenario 4c (44.35 km) Nottingham Mains (74.38 km) Beatrice Offshore (54.74 km) Burn of Whilk (76.32 km) Rumster (78.43 km) Camster Forest (78.25 km)

Computer generated wireframe showing the proposed Moray Offshore Wind Farm turbines in black, consented wind farm turbines in green, application wind farm turbines in blue and scoping wind farm turbines in orange

# **Important Viewing Instructions**

Visualisations can give an impression of the appearance of a landscape and proposed wind farm. However neither photographs or visualisations can convey a view exactly as it would be seen by the human eye in reality.

To ensure that the scale of the features are illustrated correctly, this sheet should be printed at a size of 420mm by 297mm and viewed at a constant distance of approximately 314mm. The panoramic image should be curved around the viewer at the an exact arc of 72 degrees, or laid flat (or pinned up on a flat wall) and the viewer moving their eye along the image, to maintain a constant distance.

For further information on visualisations and how to use them as an aid to assessment please refer to the "Visual Representation of Windfarms Good Practice Guidance", (2006) published by Scottish Natural Heritage.

While the landform and the curvature of the earth are taken into account, no features such as trees or buildings, which might otherwise obscure the views, are accounted for in the wirelines.

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#### **Viewpoint Location: Buckie Cliff Terrace**

Viewpoint Grid Reference View Direction

Viewpoint Elevation Horizontal Field of View

Distance to the nearest proposed turbine

- 343091 E 865825 N - 15 degrees - c 20 m AOD

- 72 degrees - 44.35 km

Figure 15.4-39d Cumulative Viewpoint 17: Buckie, Cliff Terrace Wireframe



Viewpoint Location: Portnockie - Bow Fiddle Rock Info Point



### Key

Moray Turbine Locations



72 degrees horizontal field of view viewpoint comprising of existing view photograph and proposed wireline or photomontage.

Other Windfarm Locations (1:250,000 only)

- Operational Turbine Locations
- Under Construction Turbine Locations
- Consented Turbine Locations
- Application Turbine Locations
- Scoping Turbine Locations (Scoping stage sites are shown with just one turbine at the approximate centroid position)

Scale: As shown

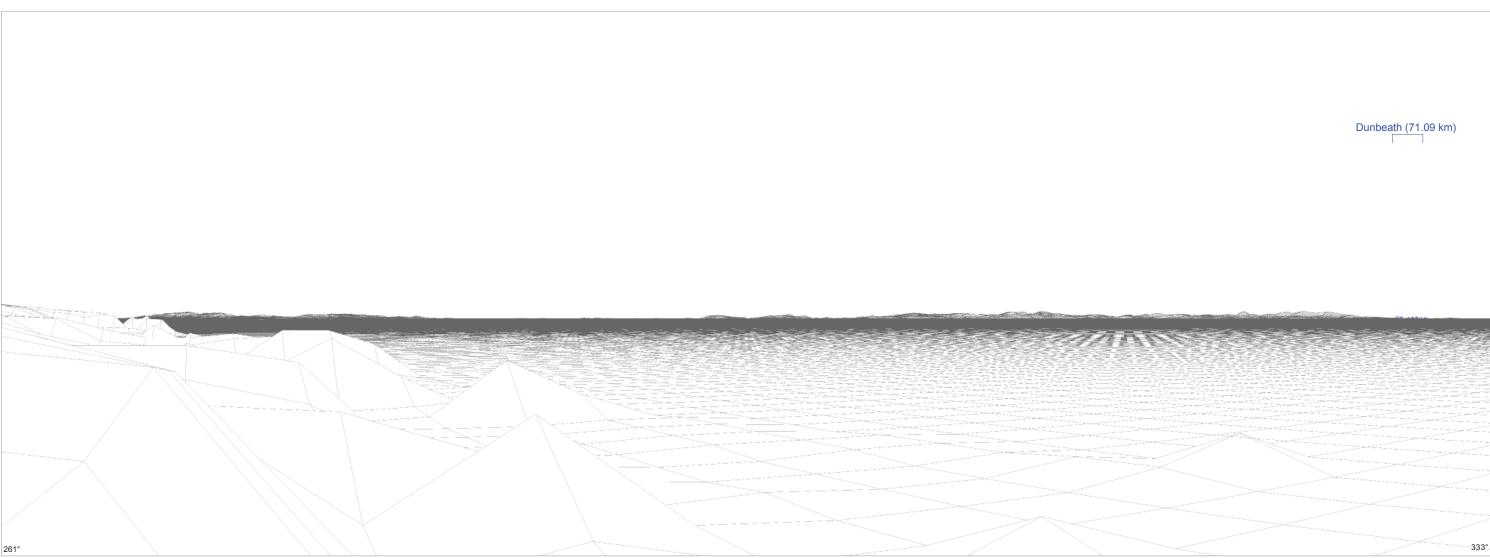
Geodetic Parameters: WGS84 UTM Zone 30N

Produced: LT Reviewed: SM Approved: SM

Date: 09/07/2012 Revision: B
Ref: 8460001-PPW0201-OPE-MAP-132

Figure 15.4-40

Cumulative Viewpoint 18: Portnockie Bow Fiddle Rock Info Point Location



Computer generated wireframe showing application wind farm turbines in blue

## **Important Viewing Instructions**

Visualisations can give an impression of the appearance of a landscape and proposed wind farm. However neither photographs or visualisations can convey a view exactly as it would be seen by the human eye in reality.

To ensure that the scale of the features are illustrated correctly, this sheet should be printed at a size of 420mm by 297mm and viewed at a constant distance of approximately 314mm. The panoramic image should be curved around the viewer at the an exact arc of 72 degrees, or laid flat (or pinned up on a flat wall) and the viewer moving their eye along the image, to maintain a constant distance.

For further information on visualisations and how to use them as an aid to assessment please refer to the "Visual Representation of Windfarms Good Practice Guidance", (2006) published by Scottish Natural Heritage.

While the landform and the curvature of the earth are taken into account, no features such as trees or buildings, which might otherwise obscure the views, are accounted for in the wirelines.

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### Viewpoint Location: Portnockie - Bow Fiddle Rock Info Point

- 349411 E 868741 N

Viewpoint Grid Reference View Direction Viewpoint Elevation

- 297 degrees - c 24 m AOD Horizontal Field of View - 72 degrees Distance to the nearest proposed turbine - 41.16 km

Figure 15.4-40a Cumulative Viewpoint 18: Portnockie Bow Fiddle Rock Info Point Wireframe

Buolfruich (74.40 km) Upper Smerral (72.84 km) Burn of Whilk (74.90 km) Nottingham Mains (73.91 km) Beatrice Demo (45.43 km) Moray Offshore Scenario 4c (41.16 km) Beatrice Offshore (52.03 km) Rumster (77.77 km) Camster Forest (77.14 km)

Computer generated wireframe showing the proposed Moray Offshore Wind Farm turbines in black, consented wind farm turbines in green, application wind farm turbines in blue and scoping wind farm turbines in orange

# **Important Viewing Instructions**

Visualisations can give an impression of the appearance of a landscape and proposed wind farm. However neither photographs or visualisations can convey a view exactly as it would be seen by the human eye in reality.

To ensure that the scale of the features are illustrated correctly, this sheet should be printed at a size of 420mm by 297mm and viewed at a constant distance of approximately 314mm. The panoramic image should be curved around the viewer at the an exact arc of 72 degrees, or laid flat (or pinned up on a flat wall) and the viewer moving their eye along the image, to maintain a constant distance.

For further information on visualisations and how to use them as an aid to assessment please refer to the "Visual Representation of Windfarms Good Practice Guidance", (2006) published by Scottish Natural Heritage.

While the landform and the curvature of the earth are taken into account, no features such as trees or buildings, which might otherwise obscure the views, are accounted for in the wirelines.

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#### Viewpoint Location: Portnockie - Bow Fiddle Rock Info Point

Viewpoint Grid Reference View Direction

Viewpoint Elevation Horizontal Field of View

Distance to the nearest proposed turbine

- 349411 E 868741 N

- 9 degrees - c 24 m AOD

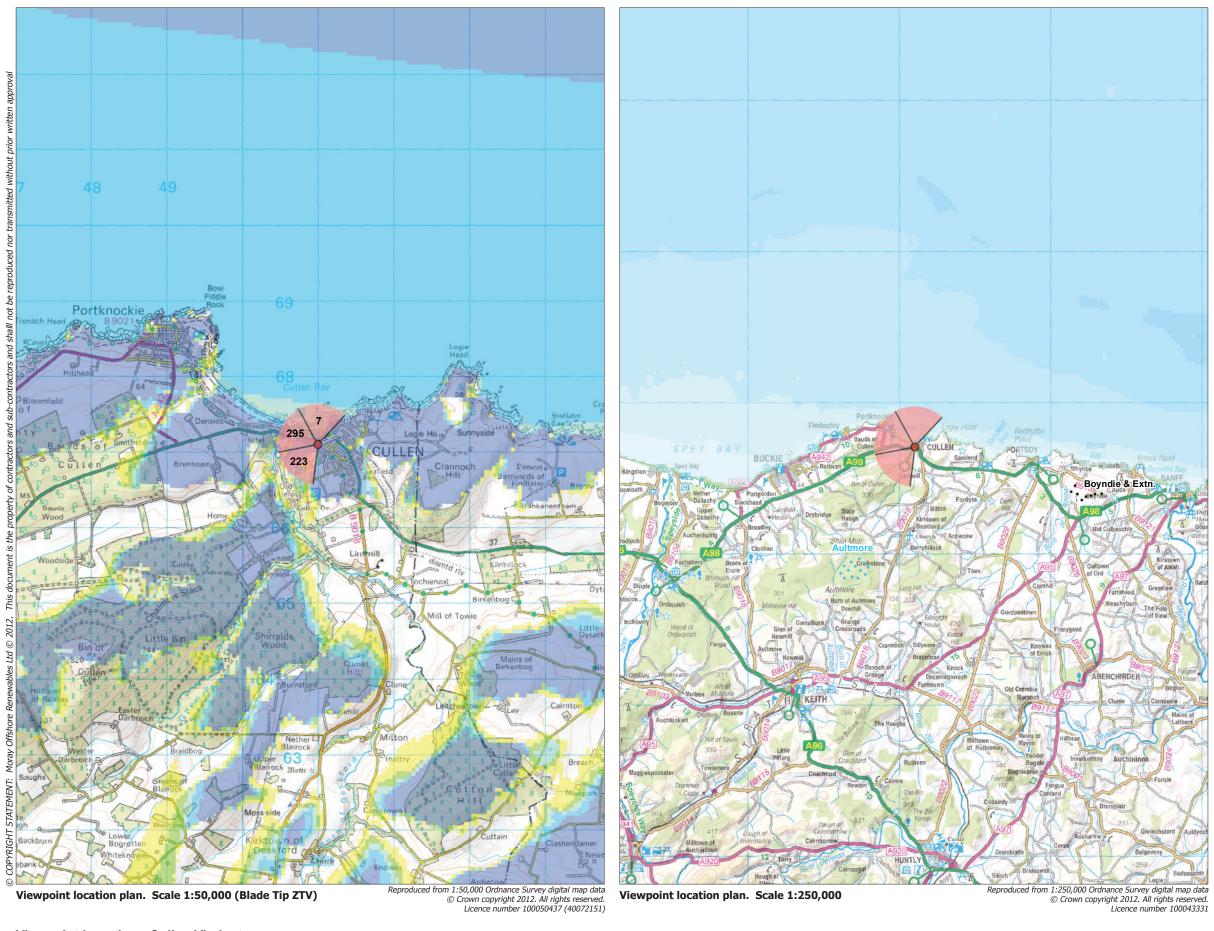
- 72 degrees - 41.16 km

Moray Offshore Renewables Ltd

Figure 15.4-40b

Cumulative Viewpoint 18: Portnockie

Bow Fiddle Rock Info Point Wireframe



**Viewpoint Location: Cullen Viaduct** 



### Key

Moray Turbine Locations



72 degrees horizontal field of view viewpoint comprising of existing view photograph and proposed wireline or photomontage.

Other Windfarm Locations (1:250,000 only)

- Operational Turbine Locations
- Under Construction Turbine Locations
- Consented Turbine Locations
- Application Turbine Locations
- Scoping Turbine Locations (Scoping stage sites are shown with just one turbine at the approximate centroid position)

Scale: As shown

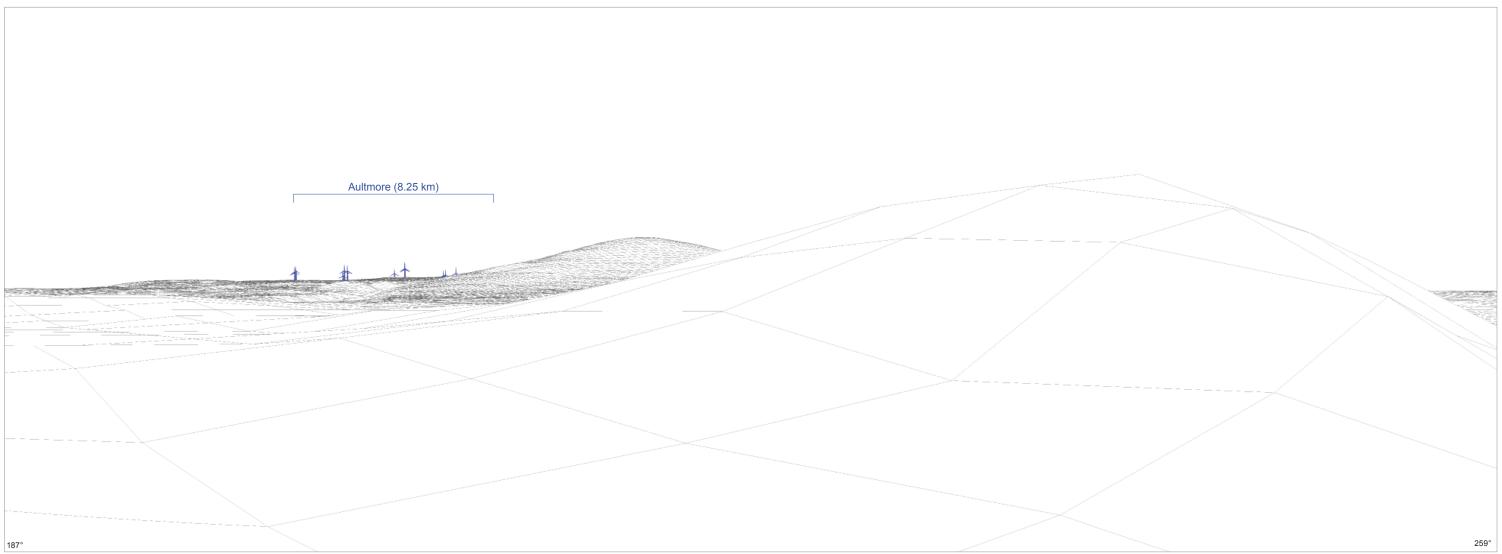
Geodetic Parameters: WGS84 UTM Zone 30N

Produced: LT Reviewed: SM Approved: SM

Date: 09/07/2012 Revision: B

Ref: 8460001-PPW0201-OPE-MAP-133

Figure 15.4-41
Cumulative Viewpoint 19: Cullen,
Viaduct Location



Computer generated wireframe showing application wind farm turbines in blue

### **Important Viewing Instructions**

Visualisations can give an impression of the appearance of a landscape and proposed wind farm. However neither photographs or visualisations can convey a view exactly as it would be seen by the human eye in reality.

To ensure that the scale of the features are illustrated correctly, this sheet should be printed at a size of 420mm by 297mm and viewed at a constant distance of approximately 314mm. The panoramic image should be curved around the viewer at the an exact arc of 72 degrees, or laid flat (or pinned up on a flat wall) and the viewer moving their eye along the image, to maintain a constant distance.

For further information on visualisations and how to use them as an aid to assessment please refer to the "Visual Representation of Windfarms Good Practice Guidance", (2006) published by Scottish Natural Heritage.

While the landform and the curvature of the earth are taken into account, no features such as trees or buildings, which might otherwise obscure the views, are accounted for in the wirelines.

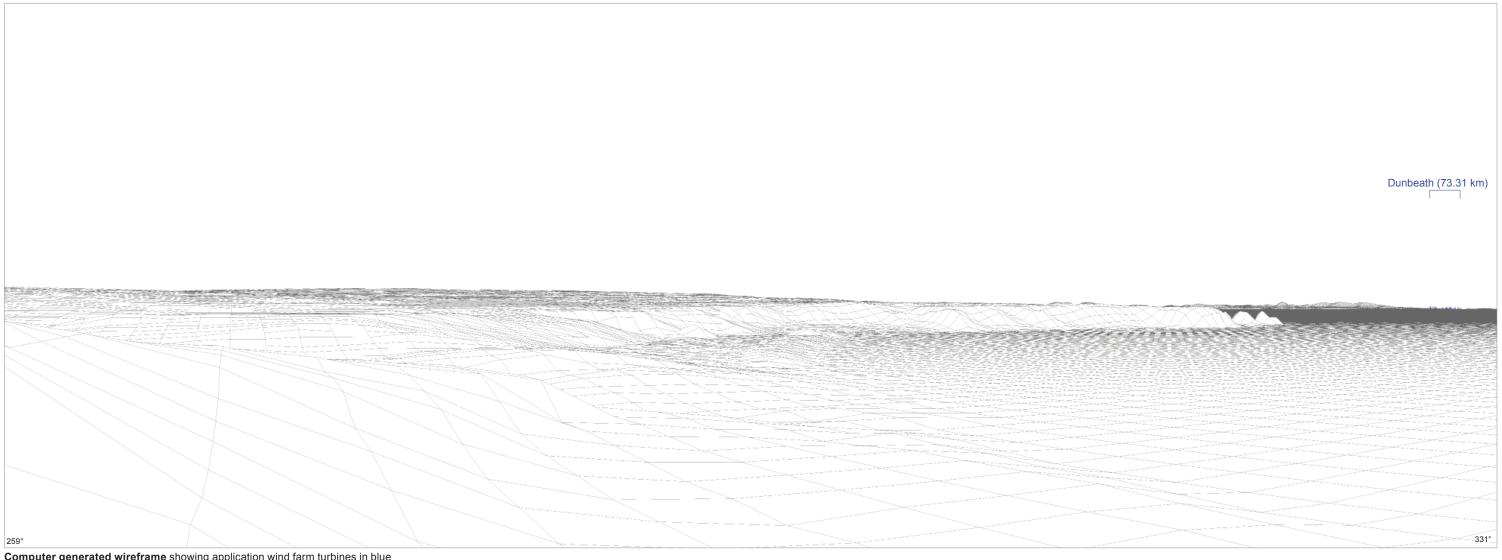
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### **Viewpoint Location: Cullen Viaduct**

Viewpoint Grid Reference View Direction Viewpoint Elevation Horizontal Field of View

- 350995 E 867102 N - 223 degrees - c 27 m AOD - 72 degrees - 42.87 km Distance to the nearest proposed turbine

Figure 15.4-41a Cumulative Viewpoint 19: Cullen, Viaduct Wireframe



Computer generated wireframe showing application wind farm turbines in blue

# **Important Viewing Instructions**

Visualisations can give an impression of the appearance of a landscape and proposed wind farm. However neither photographs or visualisations can convey a view exactly as it would be seen by the human eye in reality.

To ensure that the scale of the features are illustrated correctly, this sheet should be printed at a size of 420mm by 297mm and viewed at a constant distance of approximately 314mm. The panoramic image should be curved around the viewer at the an exact arc of 72 degrees, or laid flat (or pinned up on a flat wall) and the viewer moving their eye along the image, to maintain a constant distance.

For further information on visualisations and how to use them as an aid to assessment please refer to the "Visual Representation of Windfarms Good Practice Guidance", (2006) published by Scottish Natural Heritage.

While the landform and the curvature of the earth are taken into account, no features such as trees or buildings, which might otherwise obscure the views, are accounted for in the wirelines.

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### **Viewpoint Location: Cullen Viaduct**

Viewpoint Grid Reference View Direction Viewpoint Elevation

Horizontal Field of View Distance to the nearest proposed turbine - 350995 E 867102 N

- 295 degrees - c 27 m AOD - 72 degrees

- 42.87 km

Figure 15.4-41b Cumulative Viewpoint 19: Cullen, Viaduct Wireframe

Buolfruich (76.58 km) Upper Smerral (75.02 km) Burn of Whilk (76.91 km) Nottingham Mains (76.05 km) Moray Offshore Scenario 4c (42.87 km) Beatrice Demo(47.45 km) Beatrice Offshore (53.83 km) Rumster (79.89 km) Camster Forest (79.20 km)

Computer generated wireframe showing the proposed Moray Offshore Wind Farm turbines in black, consented wind farm turbines in green, application wind farm turbines in blue and scoping wind farm turbines in orange

# **Important Viewing Instructions**

Visualisations can give an impression of the appearance of a landscape and proposed wind farm. However neither photographs or visualisations can convey a view exactly as it would be seen by the human eye in reality.

To ensure that the scale of the features are illustrated correctly, this sheet should be printed at a size of 420mm by 297mm and viewed at a constant distance of approximately 314mm. The panoramic image should be curved around the viewer at the an exact arc of 72 degrees, or laid flat (or pinned up on a flat wall) and the viewer moving their eye along the image, to maintain a constant distance.

For further information on visualisations and how to use them as an aid to assessment please refer to the "Visual Representation of Windfarms Good Practice Guidance", (2006) published by Scottish Natural Heritage.

While the landform and the curvature of the earth are taken into account, no features such as trees or buildings, which might otherwise obscure the views, are accounted for in the wirelines.

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#### **Viewpoint Location: Cullen Viaduct**

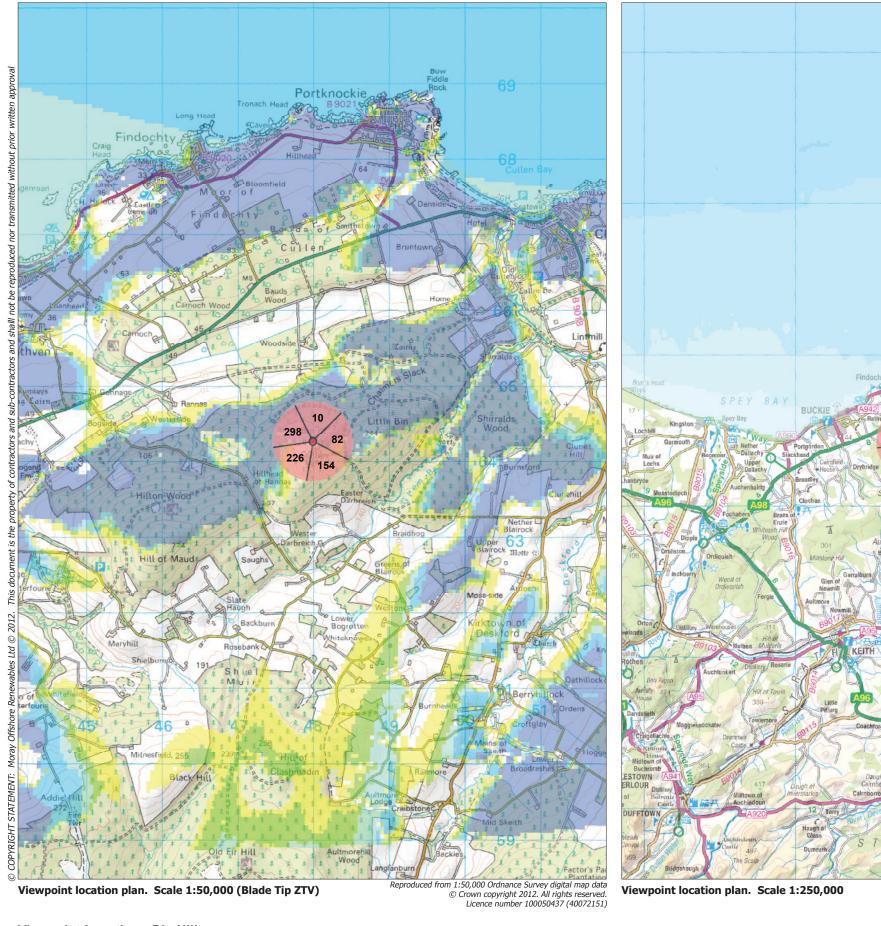
Viewpoint Grid Reference View Direction Viewpoint Elevation

Horizontal Field of View Distance to the nearest proposed turbine - 350995 E 867102 N

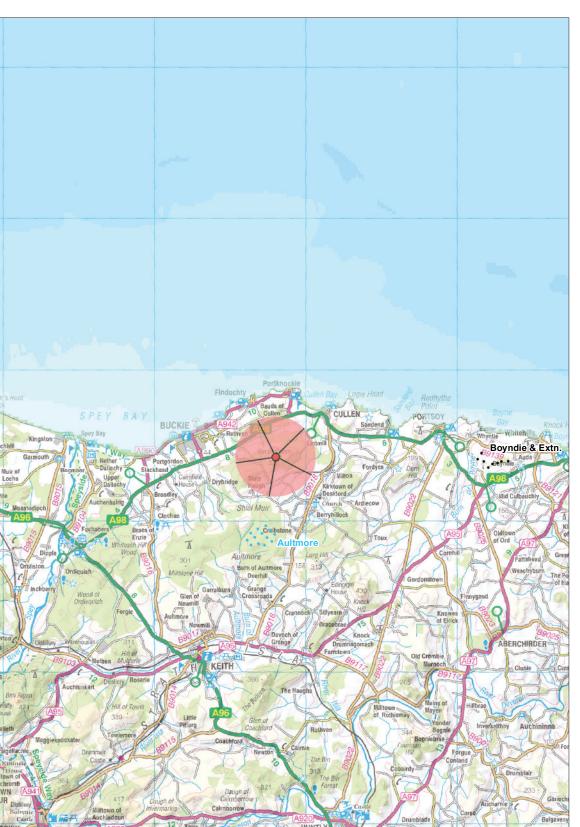
- 7 degrees - c 27 m AOD

- 72 degrees - 42.87 km

Figure 15.4-41c Cumulative Viewpoint 19: Cullen, Viaduct Wireframe



Viewpoint Location: Bin Hill



renewables

REPSOL

**Moray Offshore Renewables Ltd** 

### Key

Moray Turbine Locations



72 degrees horizontal field of view viewpoint comprising of existing view photograph and proposed wireline or photomontage.

Other Windfarm Locations (1:250,000 only)

- Operational Turbine Locations
- Under Construction Turbine Locations
- Consented Turbine Locations
- Application Turbine Locations
- Scoping Turbine Locations (Scoping stage sites are shown with just one turbine at the approximate centroid position)

Scale: As shown

Geodetic Parameters: WGS84 UTM Zone 30N

Produced: LT Reviewed: SM Approved: SM

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Date: 09/07/2012 Revision: B

Ref: 8460001-PPW0201-OPE-MAP-134

Figure 15.4-42
Cumulative Viewpoint 20: Bin Hill
Location

Budifluidi (77.43 km) Cameter (64.59 km)

Uppor Semena (70.24 km) Sun of White (78.67 km) Strougeter (102.24 km)

Modingham Mains (77.51 km) Beathos Demo (49.42 km)

Founds (81.49 km) Cameter Forest (81.00 km)

Beathos Offshore (95.38 km)

Beathos Offshore (95.38 km)

Computer generated wireframe showing the proposed Moray Offshore Wind Farm turbines in plack, consented wind farm turbines in green, application wind farm turbines in blue and scoping wind farm turbines in orange

## **Important Viewing Instructions**

Visualisations can give an impression of the appearance of a landscape and proposed wind farm. However neither photographs or visualisations can convey a view exactly as it would be seen by the human eye in reality.

To ensure that the scale of the features are illustrated correctly, this sheet should be printed at a size of 420mm by 297mm and viewed at a constant distance of approximately 314mm. The panoramic image should be curved around the viewer at the an exact arc of 72 degrees, or laid flat (or pinned up on a flat wall) and the viewer moving their eye along the image, to maintain a constant distance.

For further information on visualisations and how to use them as an aid to assessment please refer to the "Visual Representation of Windfarms Good Practice Guidance", (2006) published by Scottish Natural Heritage.

While the landform and the curvature of the earth are taken into account, no features such as trees or buildings, which might otherwise obscure the views, are accounted for in the wirelines.

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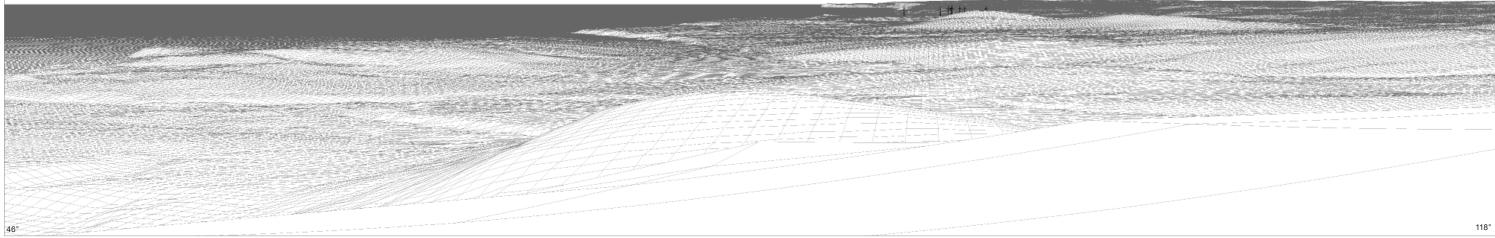
#### Viewpoint Location: Bin Hill

Viewpoint Grid Reference View Direction Viewpoint Elevation Horizontal Field of View Distance to the nearest proposed turbine

- 347989 E 864267 N - 10 degrees

- 10 degrees - c 320 m AOD - 72 degrees Figure 15.4-42a Cumulative Viewpoint 20: Bin Hill Wireframe

Boyndie (13.36 km)



Computer generated wireframe showing operational wind farm turbines in black

### **Important Viewing Instructions**

Visualisations can give an impression of the appearance of a landscape and proposed wind farm. However neither photographs or visualisations can convey a view exactly as it would be seen by the human eye in reality.

To ensure that the scale of the features are illustrated correctly, this sheet should be printed at a size of 420mm by 297mm and viewed at a constant distance of approximately 314mm. The panoramic image should be curved around the viewer at the an exact arc of 72 degrees, or laid flat (or pinned up on a flat wall) and the viewer moving their eye along the image, to maintain a constant distance.

For further information on visualisations and how to use them as an aid to assessment please refer to the "Visual Representation of Windfarms Good Practice Guidance", (2006) published by Scottish Natural Heritage.

While the landform and the curvature of the earth are taken into account, no features such as trees or buildings, which might otherwise obscure the views, are accounted for in the wirelines.

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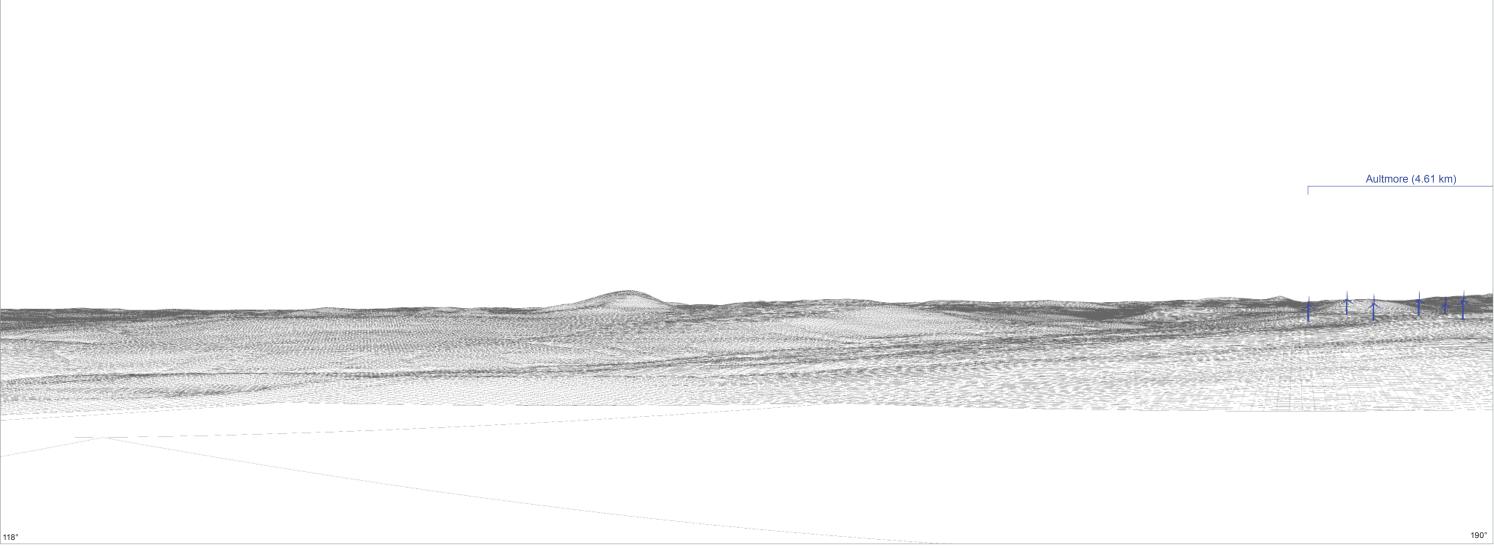
### **Viewpoint Location: Bin Hill**

Viewpoint Grid Reference View Direction Viewpoint Elevation Horizontal Field of View Distance to the nearest proposed turbine - 347989 E 864267 N - 82 degrees - c 320 m AOD

- 72 degrees

- 45.61 km

Figure 15.4-42b Cumulative Viewpoint 20: Bin Hill Wireframe



### **Important Viewing Instructions**

Visualisations can give an impression of the appearance of a landscape and proposed wind farm. However neither photographs or visualisations can convey a view exactly as it would be seen by the human eye in reality.

To ensure that the scale of the features are illustrated correctly, this sheet should be printed at a size of 420mm by 297mm and viewed at a constant distance of approximately 314mm. The panoramic image should be curved around the viewer at the an exact arc of 72 degrees, or laid flat (or pinned up on a flat wall) and the viewer moving their eye along the image, to maintain a constant distance.

For further information on visualisations and how to use them as an aid to assessment please refer to the "Visual Representation of Windfarms Good Practice Guidance", (2006) published by Scottish Natural Heritage.

While the landform and the curvature of the earth are taken into account, no features such as trees or buildings, which might otherwise obscure the views, are accounted for in the wirelines.

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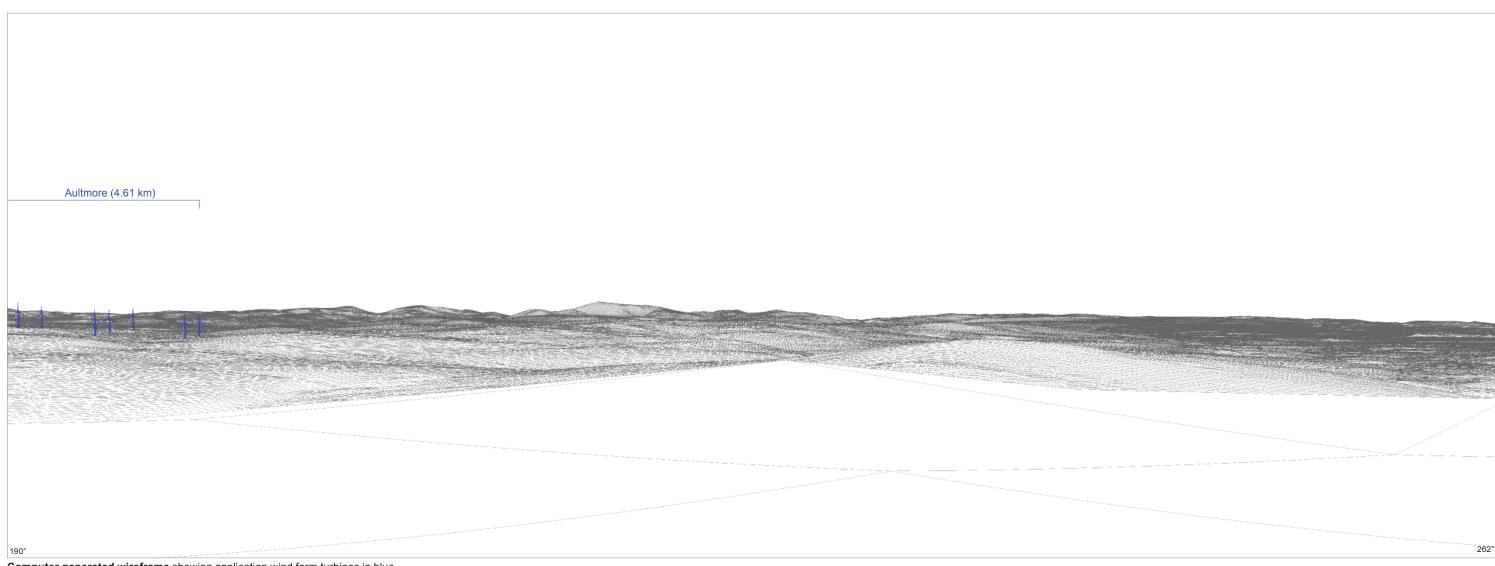
#### Viewpoint Location: Bin Hill

Viewpoint Grid Reference View Direction Viewpoint Elevation Horizontal Field of View Distance to the nearest proposed turbine

- 347989 E 864267 N

- 154 degrees - c 320 m AOD

- 72 degrees - 45.61 km Figure 15.4-42c Cumulative Viewpoint 20: Bin Hill Wireframe



### **Important Viewing Instructions**

Visualisations can give an impression of the appearance of a landscape and proposed wind farm. However neither photographs or visualisations can convey a view exactly as it would be seen by the human eye in reality.

To ensure that the scale of the features are illustrated correctly, this sheet should be printed at a size of 420mm by 297mm and viewed at a constant distance of approximately 314mm. The panoramic image should be curved around the viewer at the an exact arc of 72 degrees, or laid flat (or pinned up on a flat wall) and the viewer moving their eye along the image, to maintain a constant distance.

For further information on visualisations and how to use them as an aid to assessment please refer to the "Visual Representation of Windfarms Good Practice Guidance", (2006) published by Scottish Natural Heritage.

While the landform and the curvature of the earth are taken into account, no features such as trees or buildings, which might otherwise obscure the views, are accounted for in the wirelines.

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### **Viewpoint Location: Bin Hill**

Viewpoint Grid Reference View Direction Viewpoint Elevation Horizontal Field of View Distance to the nearest proposed turbine - 347989 E 864267 N - 226 degrees - c 320 m AOD

- 72 degrees

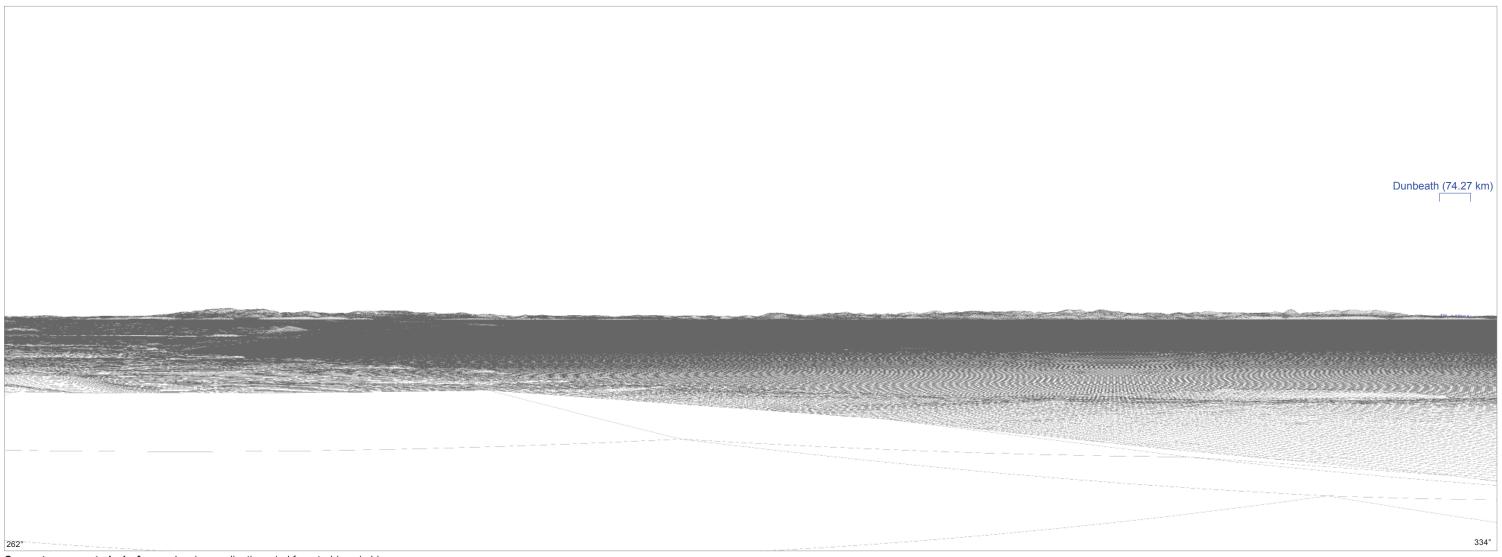
- 45.61 km

Moray Offshore Renewables Ltd

Figure 15.4-42d

Cumulative Viewpoint 20: Bin Hill

Wireframe



### **Important Viewing Instructions**

Visualisations can give an impression of the appearance of a landscape and proposed wind farm. However neither photographs or visualisations can convey a view exactly as it would be seen by the human eye in reality.

To ensure that the scale of the features are illustrated correctly, this sheet should be printed at a size of 420mm by 297mm and viewed at a constant distance of approximately 314mm. The panoramic image should be curved around the viewer at the an exact arc of 72 degrees, or laid flat (or pinned up on a flat wall) and the viewer moving their eye along the image, to maintain a constant distance.

For further information on visualisations and how to use them as an aid to assessment please refer to the "Visual Representation of Windfarms Good Practice Guidance", (2006) published by Scottish Natural Heritage.

While the landform and the curvature of the earth are taken into account, no features such as trees or buildings, which might otherwise obscure the views, are accounted for in the wirelines.

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#### **Viewpoint Location: Bin Hill**

Viewpoint Grid Reference View Direction Viewpoint Elevation Horizontal Field of View Distance to the nearest proposed turbine

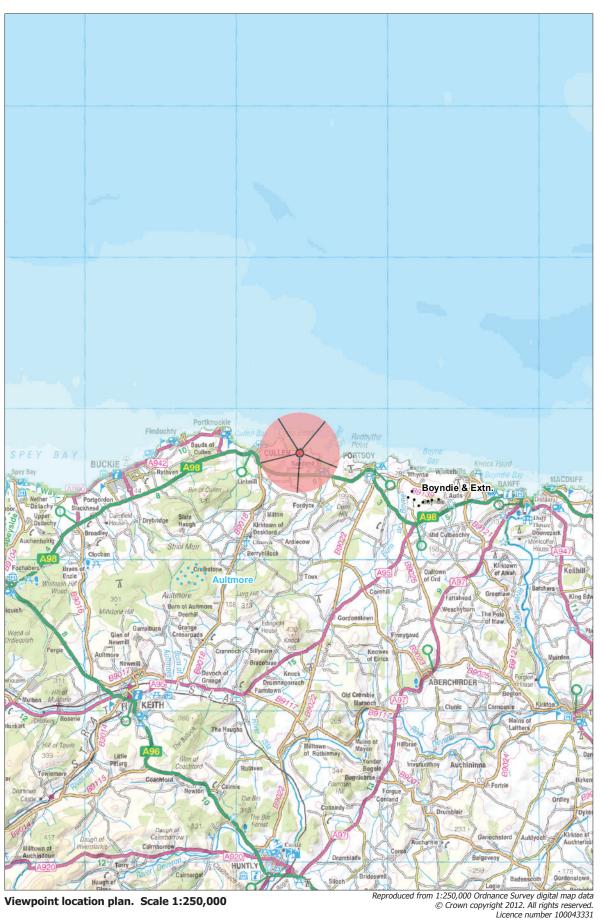
- 347989 E 864267 N

- 298 degrees - c 320 m AOD

- 72 degrees - 45.61 km Figure 15.4-42e Cumulative Viewpoint 20: Bin Hill Wireframe



**Viewpoint Location: Findlater Castle** 





### Key

Moray Turbine Locations



72 degrees horizontal field of view viewpoint comprising of existing view photograph and proposed wireline or photomontage.

Other Windfarm Locations (1:250,000 only)

- Operational Turbine Locations
- Under Construction Turbine Locations
- Consented Turbine Locations
- Application Turbine Locations
- Scoping Turbine Locations (Scoping stage sites are shown with just one turbine at the approximate centroid position)

Scale: As shown

Geodetic Parameters: WGS84 UTM Zone 30N

Produced: LT Reviewed: SM Approved: SM

Date: 09/07/2012 Revision: B

Ref: 8460001-PPW0201-OPE-MAP-135

Figure 15.4-43
Cumulative Viewpoint 21: Findlater

Moray Offshore

Moray Offshore Renewables Ltd

**Castle Location** 

Camster (83.72 km) Buolfruich (78.10 km) Upper Smerral (76.56 km) Burn of Whilk (77.88 km) Nottingham Mains (77.42 km) Beatrice Demo (48.50 km) Moray Offshore Scenario 4c (43.21 km) Beatrice Offshore (54.32 km) Rumster (81.17 km) Camster Forest (80.30 km)

Computer generated wireframe showing the proposed Moray Offshore Wind Farm turbines in black, consented wind farm turbines in green, application wind farm turbines in blue and scoping wind farm turbines in orange

# **Important Viewing Instructions**

Visualisations can give an impression of the appearance of a landscape and proposed wind farm. However neither photographs or visualisations can convey a view exactly as it would be seen by the human eye in reality.

To ensure that the scale of the features are illustrated correctly, this sheet should be printed at a size of 420mm by 297mm and viewed at a constant distance of approximately 314mm. The panoramic image should be curved around the viewer at the an exact arc of 72 degrees, or laid flat (or pinned up on a flat wall) and the viewer moving their eye along the image, to maintain a constant distance.

For further information on visualisations and how to use them as an aid to assessment please refer to the "Visual Representation of Windfarms Good Practice Guidance", (2006) published by Scottish Natural Heritage.

While the landform and the curvature of the earth are taken into account, no features such as trees or buildings, which might otherwise obscure the views, are accounted for in the wirelines.

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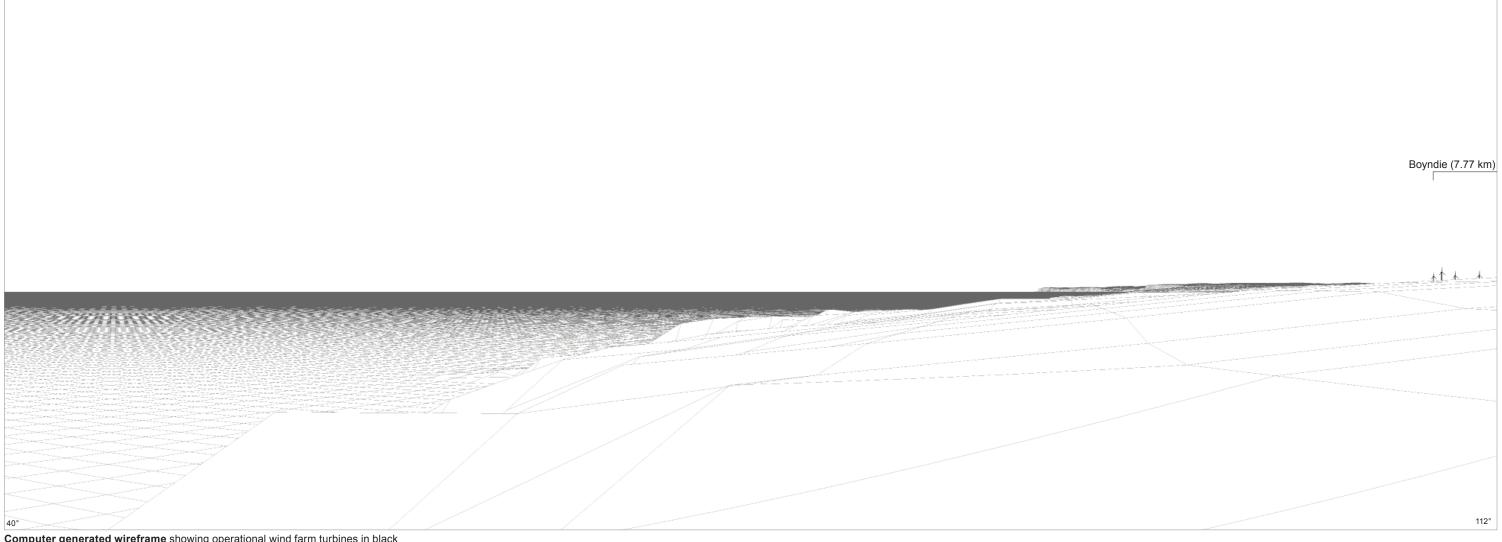
#### **Viewpoint Location: Findlater Castle**

Viewpoint Grid Reference View Direction Viewpoint Elevation

- 4 degrees - c 55 m AOD Horizontal Field of View - 72 degrees Distance to the nearest proposed turbine - 43.21 km

- 354169 E 867086 N

Figure 15.4-43a Cumulative Viewpoint 21: Findlater Castle Wireframe



# **Important Viewing Instructions**

Visualisations can give an impression of the appearance of a landscape and proposed wind farm. However neither photographs or visualisations can convey a view exactly as it would be seen by the human eye in reality.

To ensure that the scale of the features are illustrated correctly, this sheet should be printed at a size of 420mm by 297mm and viewed at a constant distance of approximately 314mm. The panoramic image should be curved around the viewer at the an exact arc of 72 degrees, or laid flat (or pinned up on a flat wall) and the viewer moving their eye along the image, to maintain a constant distance.

For further information on visualisations and how to use them as an aid to assessment please refer to the "Visual Representation of Windfarms Good Practice Guidance", (2006) published by Scottish Natural Heritage.

While the landform and the curvature of the earth are taken into account, no features such as trees or buildings, which might otherwise obscure the views, are accounted for in the wirelines.

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### **Viewpoint Location: Findlater Castle**

Viewpoint Grid Reference View Direction Viewpoint Elevation

Horizontal Field of View Distance to the nearest proposed turbine - 354169 E 867086 N - 76 degrees - c 55 m AOD

- 72 degrees - 43.21 km

Figure 15.4-43b Cumulative Viewpoint 21: Findlater Castle Wireframe



### **Important Viewing Instructions**

Visualisations can give an impression of the appearance of a landscape and proposed wind farm. However neither photographs or visualisations can convey a view exactly as it would be seen by the human eye in reality.

To ensure that the scale of the features are illustrated correctly, this sheet should be printed at a size of 420mm by 297mm and viewed at a constant distance of approximately 314mm. The panoramic image should be curved around the viewer at the an exact arc of 72 degrees, or laid flat (or pinned up on a flat wall) and the viewer moving their eye along the image, to maintain a constant distance.

For further information on visualisations and how to use them as an aid to assessment please refer to the "Visual Representation of Windfarms Good Practice Guidance", (2006) published by Scottish Natural Heritage.

While the landform and the curvature of the earth are taken into account, no features such as trees or buildings, which might otherwise obscure the views, are accounted for in the wirelines.

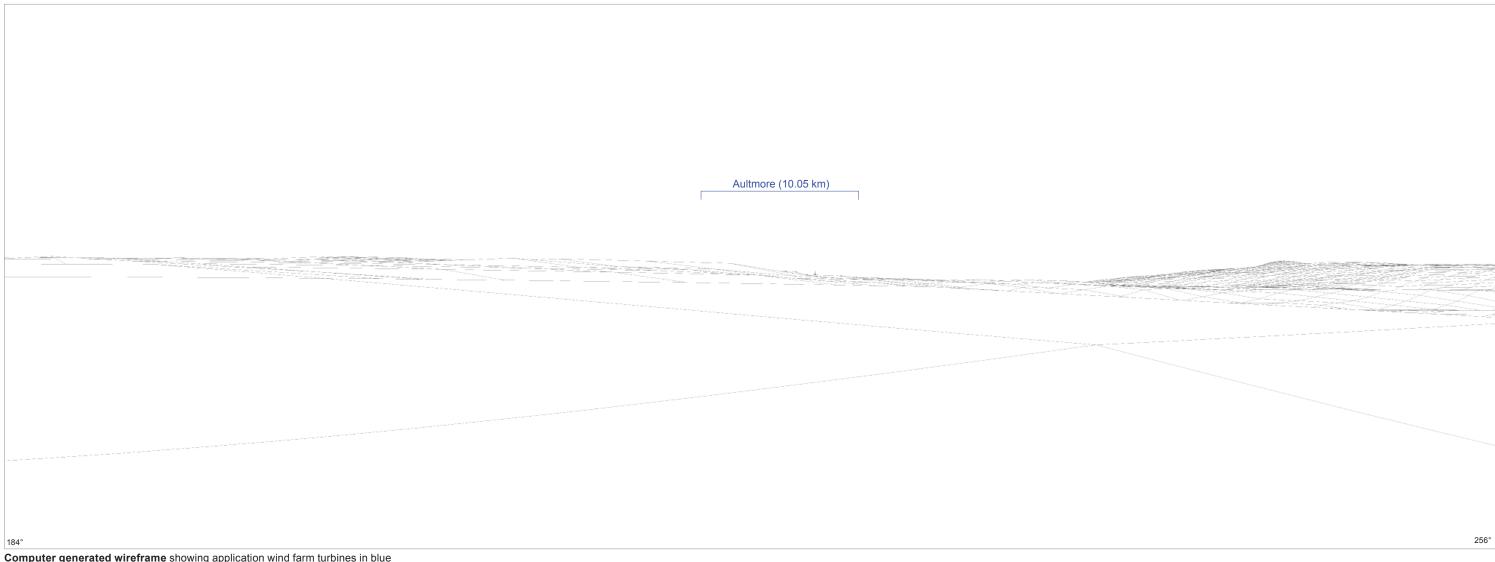
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#### **Viewpoint Location: Findlater Castle**

Viewpoint Grid Reference View Direction Viewpoint Elevation

- 354169 E 867086 N - 148 degrees - c 55 m AOD - 72 degrees Horizontal Field of View Distance to the nearest proposed turbine - 43.21 km

Figure 15.4-43c Cumulative Viewpoint 21: Findlater Castle Wireframe



### **Important Viewing Instructions**

Visualisations can give an impression of the appearance of a landscape and proposed wind farm. However neither photographs or visualisations can convey a view exactly as it would be seen by the human eye in reality.

To ensure that the scale of the features are illustrated correctly, this sheet should be printed at a size of 420mm by 297mm and viewed at a constant distance of approximately 314mm. The panoramic image should be curved around the viewer at the an exact arc of 72 degrees, or laid flat (or pinned up on a flat wall) and the viewer moving their eye along the image, to maintain a constant distance.

For further information on visualisations and how to use them as an aid to assessment please refer to the "Visual Representation of Windfarms Good Practice Guidance", (2006) published by Scottish Natural Heritage.

While the landform and the curvature of the earth are taken into account, no features such as trees or buildings, which might otherwise obscure the views, are accounted for in the wirelines.

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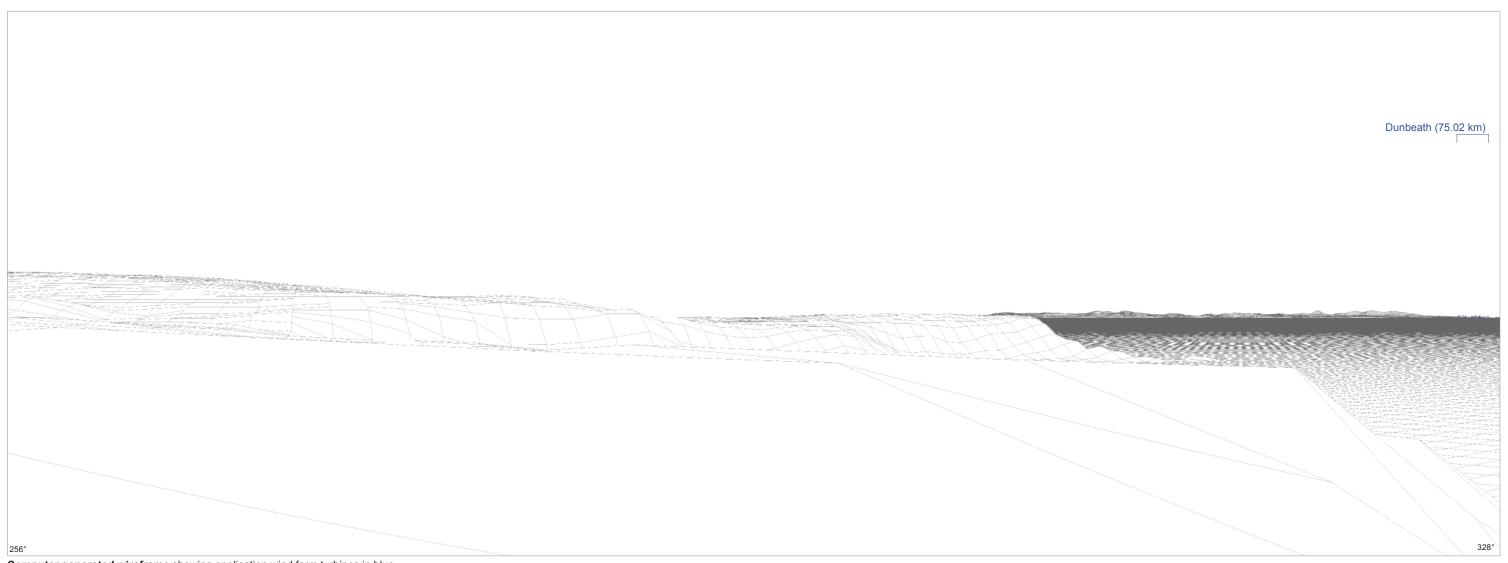
#### **Viewpoint Location: Findlater Castle**

Distance to the nearest proposed turbine

Viewpoint Grid Reference View Direction Viewpoint Elevation Horizontal Field of View

- 354169 E 867086 N - 220 degrees - c 55 m AOD - 72 degrees - 43.21 km

Figure 15.4-43d Cumulative Viewpoint 21: Findlater Castle Wireframe



## **Important Viewing Instructions**

Visualisations can give an impression of the appearance of a landscape and proposed wind farm. However neither photographs or visualisations can convey a view exactly as it would be seen by the human eye in reality.

To ensure that the scale of the features are illustrated correctly, this sheet should be printed at a size of 420mm by 297mm and viewed at a constant distance of approximately 314mm. The panoramic image should be curved around the viewer at the an exact arc of 72 degrees, or laid flat (or pinned up on a flat wall) and the viewer moving their eye along the image, to maintain a constant distance.

For further information on visualisations and how to use them as an aid to assessment please refer to the "Visual Representation of Windfarms Good Practice Guidance", (2006) published by Scottish Natural Heritage.

While the landform and the curvature of the earth are taken into account, no features such as trees or buildings, which might otherwise obscure the views, are accounted for in the wirelines.

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#### **Viewpoint Location: Findlater Castle**

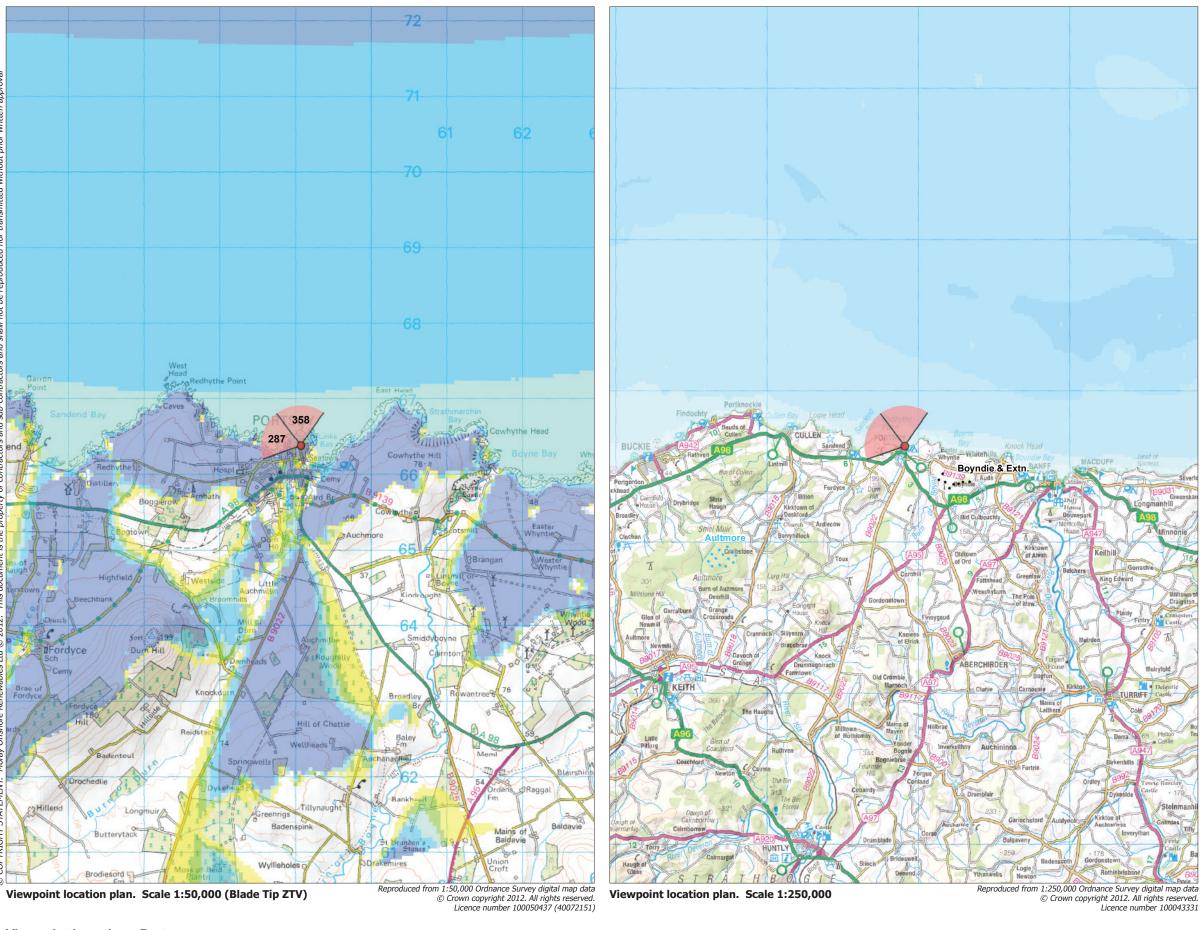
Viewpoint Grid Reference View Direction

Viewpoint Elevation Horizontal Field of View Distance to the nearest proposed turbine - 354169 E 867086 N - 292 degrees - c 55 m AOD

- 72 degrees

- 43.21 km

Figure 15.4-43e Cumulative Viewpoint 21: Findlater Castle Wireframe



**Viewpoint Location: Portsoy** 



### Key

Moray Turbine Locations



72 degrees horizontal field of view viewpoint comprising of existing view photograph and proposed wireline or photomontage.

Other Windfarm Locations (1:250,000 only)

- Operational Turbine Locations
- Under Construction Turbine Locations
- Consented Turbine Locations
- Application Turbine Locations
- Scoping Turbine Locations (Scoping stage sites are shown with just one turbine at the approximate centroid position)

Scale: As shown

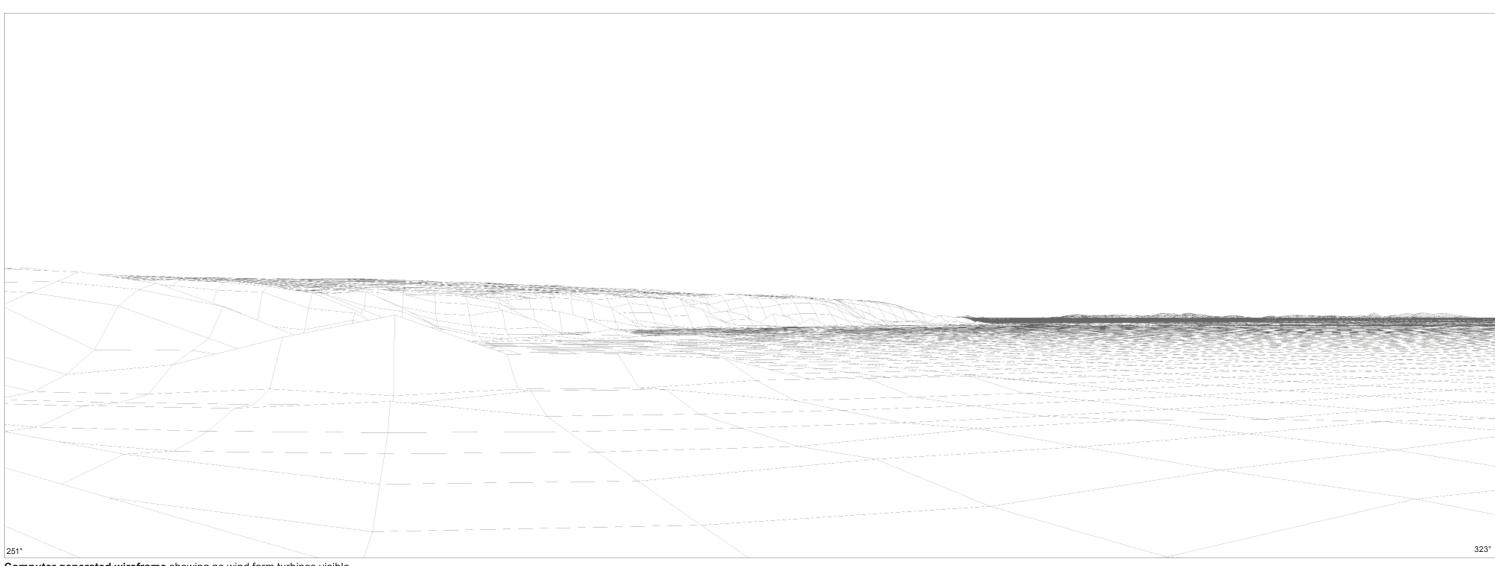
Geodetic Parameters: WGS84 UTM Zone 30N

Produced: LT Reviewed: SM Approved: SM

Date: 09/07/2012 Revision: B

Ref: 8460001-PPW0201-OPE-MAP-136

Figure 15.4-44
Cumulative Viewpoint 22: Portsoy
Location



Computer generated wireframe showing no wind farm turbines visible

## **Important Viewing Instructions**

Visualisations can give an impression of the appearance of a landscape and proposed wind farm. However neither photographs or visualisations can convey a view exactly as it would be seen by the human eye in reality.

To ensure that the scale of the features are illustrated correctly, this sheet should be printed at a size of 420mm by 297mm and viewed at a constant distance of approximately 314mm. The panoramic image should be curved around the viewer at the an exact arc of 72 degrees, or laid flat (or pinned up on a flat wall) and the viewer moving their eye along the image, to maintain a constant distance.

For further information on visualisations and how to use them as an aid to assessment please refer to the "Visual Representation of Windfarms Good Practice Guidance", (2006) published by Scottish Natural Heritage.

While the landform and the curvature of the earth are taken into account, no features such as trees or buildings, which might otherwise obscure the views, are accounted for in the wirelines.

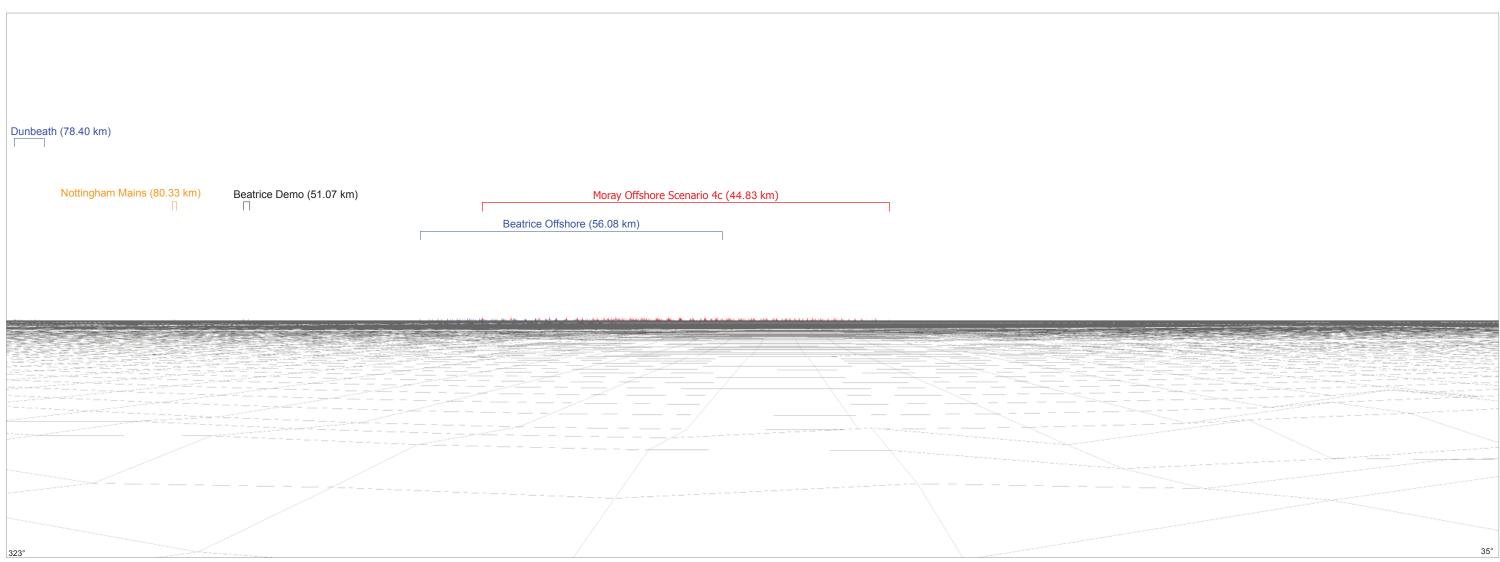
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### **Viewpoint Location: Portsoy**

Viewpoint Grid Reference View Direction Viewpoint Elevation Horizontal Field of View Distance to the nearest proposed turbine - 359071 E 866382 N - 287 degrees - c 8 m AOD

- 72 degrees - 44.83 km

Figure 15.4-44a Cumulative Viewpoint 22: Portsoy Wireframe



Computer generated wireframe showing the proposed Moray Offshore Wind Farm turbines in red, operational wind farm turbines in black, application wind farm turbines in blue and scoping wind farm turbines in orange

### **Important Viewing Instructions**

Visualisations can give an impression of the appearance of a landscape and proposed wind farm. However neither photographs or visualisations can convey a view exactly as it would be seen by the human eye in reality.

To ensure that the scale of the features are illustrated correctly, this sheet should be printed at a size of 420mm by 297mm and viewed at a constant distance of approximately 314mm. The panoramic image should be curved around the viewer at the an exact arc of 72 degrees, or laid flat (or pinned up on a flat wall) and the viewer moving their eye along the image, to maintain a constant distance.

For further information on visualisations and how to use them as an aid to assessment please refer to the "Visual Representation of Windfarms Good Practice Guidance", (2006) published by Scottish Natural Heritage.

While the landform and the curvature of the earth are taken into account, no features such as trees or buildings, which might otherwise obscure the views, are accounted for in the wirelines.

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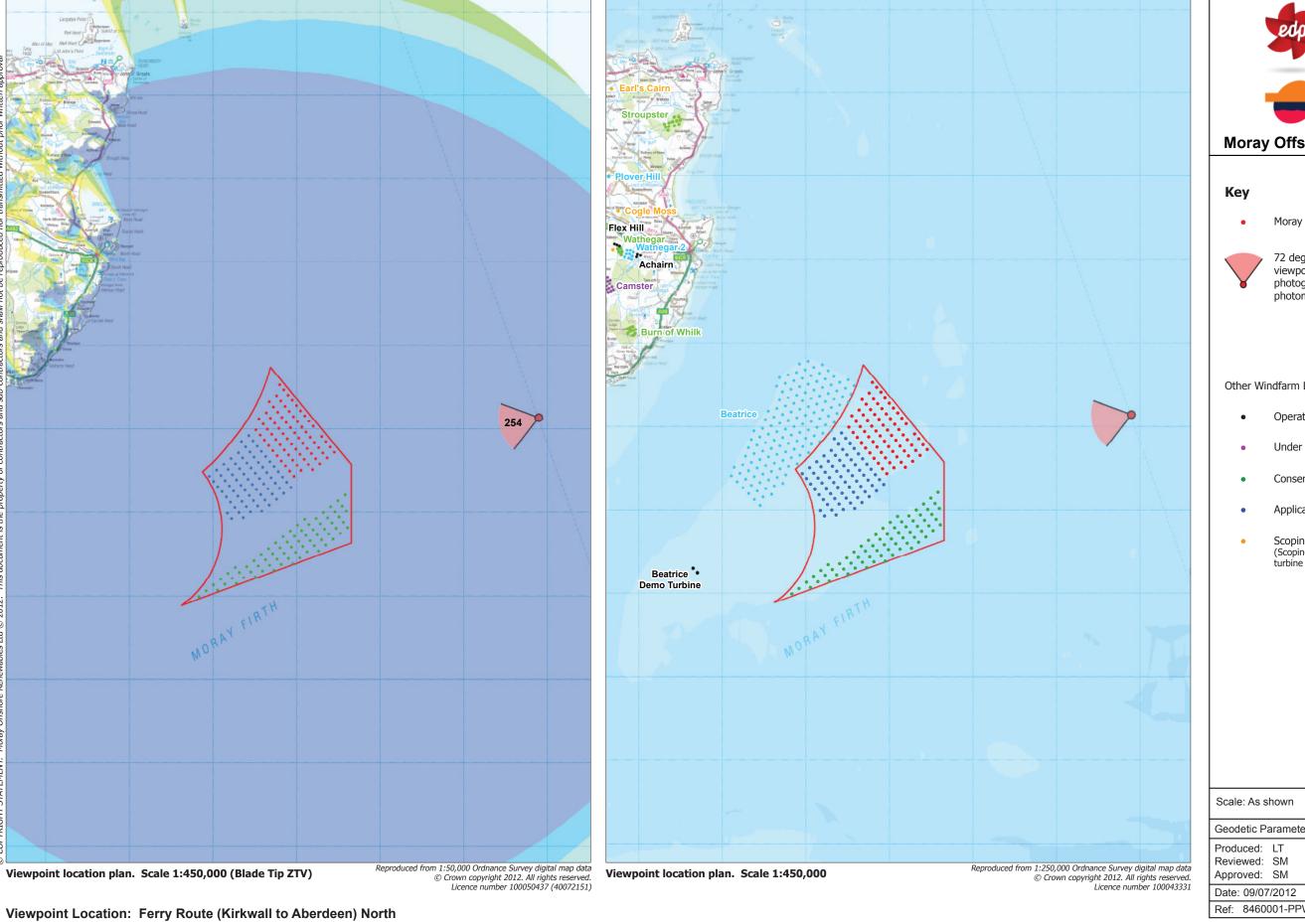
#### **Viewpoint Location: Portsoy**

Viewpoint Grid Reference View Direction Viewpoint Elevation Horizontal Field of View

- 359 degrees - c 8 m AOD - 72 degrees Distance to the nearest proposed turbine - 44.83 km

- 359071 E 866382 N

Figure 15.4-44b Cumulative Viewpoint 22: Portsoy Wireframe





### **Moray Offshore Renewables Ltd**

Moray Turbine Locations

72 degrees horizontal field of view viewpoint comprising of existing view photograph and proposed wireline or photomontage.

Other Windfarm Locations (1:250,000 only)

- Operational Turbine Locations
- **Under Construction Turbine Locations**
- Consented Turbine Locations
- Application Turbine Locations
- Scoping Turbine Locations (Scoping stage sites are shown with just one turbine at the approximate centroid position)

Geodetic Parameters: WGS84 UTM Zone 30N

Revision: B

Ref: 8460001-PPW0201-OPE-MAP-137

Figure 15.4-45

Cumulative Viewpoint 23: Ferry Route (Kirkwall to Aberdeen) 1 Location

Dunbeath(76.11 km) Burn of Whilk (60.14 km) Moray Offshore Scenario 4c (24.84 km) Beatrice Offshore (33.35 km) Nottingham Mains (69.23 km) Rumster (69.17 km) Camster Forest (64.41 km)

Computer generated wireframe showing the proposed Moray Offshore Wind Farm turbines in red, consented wind farm turbines in green, application wind farm turbines in blue and scoping wind farm turbines in orange

### **Important Viewing Instructions**

Visualisations can give an impression of the appearance of a landscape and proposed wind farm. However neither photographs or visualisations can convey a view exactly as it would be seen by the human eye in reality.

To ensure that the scale of the features are illustrated correctly, this sheet should be printed at a size of 420mm by 297mm and viewed at a constant distance of approximately 314mm. The panoramic image should be curved around the viewer at the an exact arc of 72 degrees, or laid flat (or pinned up on a flat wall) and the viewer moving their eye along the image, to maintain a constant distance.

For further information on visualisations and how to use them as an aid to assessment please refer to the "Visual Representation of Windfarms Good Practice Guidance", (2006) published by Scottish Natural Heritage.

While the landform and the curvature of the earth are taken into account, no features such as trees or buildings, which might otherwise obscure the views, are accounted for in the wirelines.

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#### Viewpoint Location: Ferry Route (Kirkwall to Aberdeen) 1

Viewpoint Grid Reference View Direction

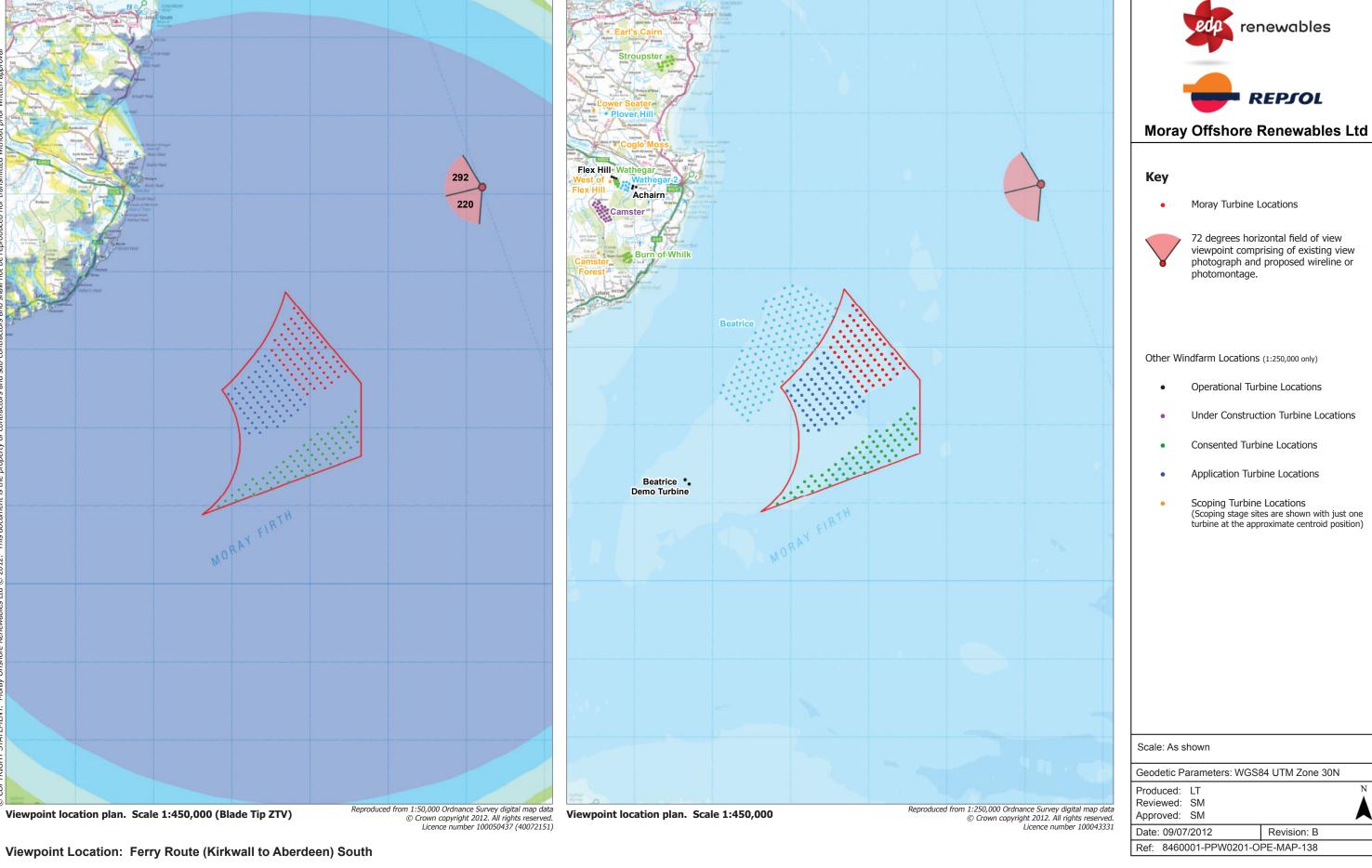
Viewpoint Elevation

Horizontal Field of View
Distance to the nearest proposed turbine

- 388911 E 931385 N

- 254 degrees - c 0 m AOD

- 72 degrees - 24.84 km Figure 15.4-45a
Cumulative Viewpoint 23: Ferry Route
(Kirkwall to Aberdeen) 1 Wireframe





72 degrees horizontal field of view viewpoint comprising of existing view photograph and proposed wireline or photomontage.

- Operational Turbine Locations
- **Under Construction Turbine Locations**

- Scoping Turbine Locations (Scoping stage sites are shown with just one turbine at the approximate centroid position)

Geodetic Parameters: WGS84 UTM Zone 30N

Revision: B

Figure 15.4-46

Cumulative Viewpoint 24: Ferry Route (Kirkwall to Aberdeen) 2 Location

Dunbogth (72.0) km)

Morey Offshore Scenario 4c (28.58 km)

Seastroe Offshore (30.74 km)

Upper Smerral (67.58 km)

Computer generated wireframe showing the proposed Moray Offshore Wind Farm turbines in red and application wind farm turbines in blue

# **Important Viewing Instructions**

Visualisations can give an impression of the appearance of a landscape and proposed wind farm. However neither photographs or visualisations can convey a view exactly as it would be seen by the human eye in reality.

To ensure that the scale of the features are illustrated correctly, this sheet should be printed at a size of 420mm by 297mm and viewed at a constant distance of approximately 314mm. The panoramic image should be curved around the viewer at the an exact arc of 72 degrees, or laid flat (or pinned up on a flat wall) and the viewer moving their eye along the image, to maintain a constant distance.

For further information on visualisations and how to use them as an aid to assessment please refer to the "Visual Representation of Windfarms Good Practice Guidance", (2006) published by Scottish Natural Heritage.

While the landform and the curvature of the earth are taken into account, no features such as trees or buildings, which might otherwise obscure the views, are accounted for in the wirelines.

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### Viewpoint Location: Ferry Route (Kirkwall to Aberdeen) 2

Viewpoint Grid Reference View Direction

Viewpoint Elevation

Horizontal Field of View
Distance to the nearest proposed turbine

- 382009 E 950868 N

- 220 degrees - c 0 m AOD

- 72 degrees - 28.58 km Figure 15.4-46a
Cumulative Viewpoint 24: Ferry Route
(Kirkwall to Aberdeen) 2 Wireframe



Computer generated wireframe showing operational wind farm turbines in black, consented wind farm turbines in green, application wind farm turbines in blue and scoping wind farm turbines in orange

## **Important Viewing Instructions**

Visualisations can give an impression of the appearance of a landscape and proposed wind farm. However neither photographs or visualisations can convey a view exactly as it would be seen by the human eye in reality.

To ensure that the scale of the features are illustrated correctly, this sheet should be printed at a size of 420mm by 297mm and viewed at a constant distance of approximately 314mm. The panoramic image should be curved around the viewer at the an exact arc of 72 degrees, or laid flat (or pinned up on a flat wall) and the viewer moving their eye along the image, to maintain a constant distance.

For further information on visualisations and how to use them as an aid to assessment please refer to the "Visual Representation of Windfarms Good Practice Guidance", (2006) published by Scottish Natural Heritage.

While the landform and the curvature of the earth are taken into account, no features such as trees or buildings, which might otherwise obscure the views, are accounted for in the wirelines.

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#### Viewpoint Location: Ferry Route (Kirkwall to Aberdeen) 2

Viewpoint Grid Reference View Direction

View Direction
Viewpoint Elevation
Horizontal Field of V

Horizontal Field of View
Distance to the nearest proposed turbine

- 382009 E 950868 N

- 292 degrees - c 0 m AOD

- 72 degrees - 28.58 km Figure 15.4-46b
Cumulative Viewpoint 24: Ferry Route
(Kirkwall to Aberdeen) 2 Wireframe