Inch Cape Wind Farm
Geodetic Parameters: OSGB 1936 BNG

- OS Reference: 356249 E 734093 N
- Elevation: 5.5 m AOD
- Direction of View: 210°
- Horizontal Field of View: 120° (cylindrical projection)
- Camera Height: 1.5 m AGL
- Principal Distance: 349 mm
- Paper Size: 841 x 297 mm (half A1)
- Correct Printed Image Size: 731 x 135 mm
- Camera: Nikon D7000
- Lens: AF-S DX 18-105mm f/3.5-5.6G
- Focal Length: 35 mm
- Date & Time Taken: 07/10/2011 16:35

Produced: JM
Reviewed: SP
Approved: LG
Date: 14/03/2018 Revision: 0
REF: 4914_00004_29.1.0 LVIA Photomontages_rev_H

Figure 12.48d
VP14 - Carnoustie
Wide angle Panorama with Cumulative Wireline (view 2 of 2)

- Nearest Turbine: 26.7 km
- Hubs Visible (166 m): 40 (of 40)
- Tips Visible (291 m): 40 (of 40)

Existing View
Cumulative Wireline View

Horizontal Scale of Map 1:50,000
0 1 2 km

This image provides landscape and visual context only

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Inch Cape Wind Farm

Geodetic Parameters: OSGB 1936 BNG

Produced: SP
Reviewed: LG
Approved: LG
Date: 12/07/2018
Revision: 0

REF: 04914.00004.29.Fig12.48e.0.VP14_Carnoustie

Figure 12.48eVP14 - Carnoustie Wireline View

- View flat at a comfortable arm's length
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Horizontal Scale of Map 1:50,000

- OS Reference: 356249 E 734093 N
- Elevation: 5.5 m AOD
- Direction of View: 90°

- Horizontal Field of View: 53.5° (planar projection)
- Camera Height: 1.5 m AGL
- Principal Distance: 812.5 mm

- Paper Size: 841 x 297 mm (half A1)
- Correct Printed Image Size: 820 x 260 mm
- Camera: Nikon D7000
- Lens: AF-S DX 18-105mm f/3.5-5.6G
- Focal Length: 35 mm
- Date & Time Taken: 07/10/2011 16:35

- Nearest Turbine: 26.700 km
- Hubs Visible (166 m): 40 (of 40)
- Tips Visible (291 m): 40 (of 40)

Viewpoint and Photography Data Proposed Turbine Information (Inch Cape only)
Inch Cape Wind Farm

Geodetic Parameters: OSGB 1936 BNG

OS Reference
356240 E 734097 N

Elevation
5.0 m AOD

Direction of View
90°

Horizontal Field of View
120° (cylindrical projection)

Camera Height
1.5 m AGL

Principal Distance
349 mm

Paper Size
841 x 297 mm (half A1)

Correct Printed Image Size
731 x 135 mm

Camera
Nikon D600

Lens
AF-S 50mm f/1.4G

Focal Length
50 mm

Date & Time Taken
15/12/2017 07:55

Produced: JM
Reviewed: SP
Approved: LG
Date: 14/03/2018
Revision: 0
REF: 04914.00004.29.Fig12.48gh.0.VP14_Carnoustie

Figure 12.48gVP14 - Carnoustie Wide angle Panorama with Photomontage

Nearest Turbine
26.709 km

Hubs Visible (166 m)
40 (of 40)

Tips Visible (291 m)
40 (of 40)

Existing View
Photomontage

Horizontal Scale of Map 1:50,000
0 1 2km


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Photomontage

OS Reference
356240 E 734097 N

Elevation
5.0 m AOD

Direction of View
90°

Horizontal Field of View
53.5° (planar projection)

Camera Height
1.5 m AGL

Principal Distance
812.5 mm

Paper Size
841 x 297 mm (half A1)

Correct Printed Image Size
820 x 260 mm

Camera
Nikon D600

Lens
AF-S 50mm f/1.4G

Focal Length
50 mm

Date & Time Taken
15/12/2017 07:55

Nearest Turbine
26.709 km

Hubs Visible (166 m)
40 (of 40)

Tips Visible (291 m)
40 (of 40)
This viewpoint is located at the viewing area at the top of Dundee Law which lies within Dundee and can be accessed by car to the top.

**Key:**
- View Arcs used for Viewpoint Visualisations
  - Panorama with Baseline Wireline (120°)
  - Panorama with Cumulative Wireline (120°)

**Viewpoint Figures**
- Figure 12.49a : Wide angle Panorama with Wireline
- Figure 12.49b : Wide angle Panorama with Cumulative Wireline (view 1 of 2)
- Figure 12.49c : Wide angle Panorama with Cumulative Wireline (view 2 of 2)
- Figure 12.49d : Wireline

**OS Reference**
339153 E 731282 N

**Elevation**
161.9 m AOD

**Camera Height**
1.5 m AGL

**Camera**
Nikon D750

**Lens**
AF-S 50mm f/1.4G

**Focal Length**
50 mm

**Date & Time Taken**
02/11/2017 12:10

**Nearest Turbine**
43.712 km

**Hubs Visible (166 m)**
40 (of 40)

**Tips Visible (291 m)**
40 (of 40)

**Bearing to the site centre**
90°
Inch Cape Wind Farm

Geodetic Parameters: OSGB 1936 BNG

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<th>Value</th>
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</tr>
<tr>
<td>Elevation</td>
<td>161.9 m AOD</td>
</tr>
<tr>
<td>Direction of View</td>
<td>85°</td>
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<tr>
<td>Horizontal Field of View</td>
<td>120° (cylindrical projection)</td>
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<tr>
<td>Camera Height</td>
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<td>Principal Distance</td>
<td>349 mm</td>
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</table>

<table>
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<tr>
<th>Camera Details</th>
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<td>Focal Length</td>
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<td>Date &amp; Time Taken</td>
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</table>

Produced: JM
Reviewed: SP
Approved: LG
Date: 14/03/2018
Revision: 0
REF: 4914_00004_29.1.0 LVIA Photomontages_rev_H

Figure 12.49a
VP15 - Dundee Law
Wide angle Panorama with Wireline

Nearest Turbine: 43.712 km
Hubs Visible (166 m): 40 (of 40)
Tips Visible (291 m): 40 (of 40)

Viewpoint and Photography Data

Existing View

Wireline View

Horizontal Scale of Map 1:50,000
0 1 2 km

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Existing View

Wireline View

Horizontal Scale of Map 1:50,000
0 1 2 km
Inch Cape Wind Farm
Geodetic Parameters: OSGB 1936 BNG

OS Reference
339153 E 731282 N

Elevation
161.9 m AOD

Direction of View
85°

Horizontal Field of View
120° (cylindrical projection)

Camera Height
1.5 m AGL

Principal Distance
349 mm

Paper Size
841 x 297 mm (half A1)

Correct Printed Image Size
731 x 135 mm

Camera
Nikon D750

Lens
AF-S 50mm f/1.4G

Focal Length
50 mm

Date & Time Taken
02/11/2017 12:10

Produced: JM
Reviewed: SP
Approved: LG
Date: 14/03/2018 Revision: 0
REF: 4914_00004_29.1.0 LVIA Photomontages_rev_H

Figure 12.49b
VP15 - Dundee Law
Wide angle Panorama with Cumulative Wireline (view 1 of 2)

Nearest Turbine
43.712 km

Hubs Visible (166 m)
40 (of 40)

Tips Visible (291 m)
40 (of 40)

Viewpoint and Photography Data
Proposed Turbine Information (Inch Cape only)

Horizontal Scale of Map 1:50,000
0 1 2 km

Existing View
Cumulative Wireline View

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Inch Cape Wind Farm

Geodetic Parameters: OSGB 1936 BNG

OS Reference: 339153 E 731282 N

Elevation: 161.9 m AOD

Direction of View: 205°

Horizontal Field of View: 120° (cylindrical projection)

Camera Height: 1.5 m AGL

Principal Distance: 349 mm

Paper Size: 841 x 297 mm (half A1)

Correct Printed Image Size: 731 x 135 mm

Camera: Nikon D750

Lens: AF-S 50mm f/1.4G

Focal Length: 50 mm

Date & Time Taken: 02/11/2017 12:10

Produced: JM

Reviewed: SP

Approved: LG

Date: 14/03/2018 Revision: 0

REF: 4914_00004_29.1.0 LVIA Photomontages_rev_H

Figure 12.49c

VP15 - Dundee Law

Wide angle Panorama with Cumulative Wireline (view 2 of 2)

Nearest Turbine: 43.712 km

Hubs Visible (166 m): 40 (of 40)

Tips Visible (291 m): 40 (of 40)

Viewpoint and Photography Data

Proposed Turbine Information (Inch Cape only)

Existing View

Cumulative Wireline View

Horizontal Scale of Map: 1:50,000

0 1 2 km
Inch Cape Wind Farm

Geodetic Parameters: OSGB 1936 BNG

Produced: SP
Reviewed: LG
Approved: LG
Date: 12/07/2018
Revision: 0

REF: 04914.00004.29.Fig12.49d.VP15_Dundee_Law

Figure 12.49d
VP15 - Dundee Law
Wireline View

View flat at a comfortable arm’s length


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Horizontal Scale of Map 1:50,000
0 1 2 km

OS Reference
339153 E 731282 N

Elevation
161.9 m AOD

Direction of View
86°

Horizontal Field of View
53.5° (planar projection)

Camera Height
1.5 m AGL

Principal Distance
812.5 mm

Paper Size
841 x 297 mm (half A1)

Correct Printed Image Size
820 x 260 mm

Camera
Nikon D750

Lens
AF-S 50mm f/1.4G

Focal Length
50 mm

Date & Time Taken
02/11/2017 12:10

Nearest Turbine
43.712 km

Hubs Visible (166 m)
40 (of 40)

Tips Visible (291 m)
40 (of 40)

Viewpoint and Photography Data
Proposed Turbine Information (Inch Cape only)
In agreement with SNH and MS-LOT during consultation, viewpoint photography for this VP taken in 2011 by the FTOWDG for the SLVIA assessments of Inch Cape, Neart na Gaoithe and Firth of Forth (Seagreen) has been reused for this SLVIA where no substantial change in the baseline context was observed during fieldwork carried out in 2017.

Viewpoint Description
This viewpoint is located on the beach, approximately 400m east of the Forestry Commission car park at Tentsmuir Point.
Inch Cape Wind Farm

Geodetic Parameters: OSGB 1936 BNG

OS Reference: 350325 E 724227 N
Elevation: 0 m AOD
Direction of View: 75°
Horizontal Field of View: 120° (cylindrical projection)
Camera Height: 1.5 m AGL
Principal Distance: 349 mm
Paper Size: 841 x 297 mm (half A1)
Correct Printed Image Size: 731 x 135 mm
Camera: Nikon D7000
Lens: AF-S DX 18-105mm f/3.5-5.6G
Focal Length: 35 mm
Date & Time Taken: 22/06/2011 16:25

Produced: JM
Reviewed: SP
Approved: LG
Date: 14/03/2018 Revision: 0
REF: 4914_00004_29.1.0 LVIA Photomontages_rev_H

Figure 12.50a
VP16 - Tentsmuir Wide angle Panorama with Wireline

Nearest Turbine: 33.433 km
Hubs Visible (166 m): 40 (of 40)
Tips Visible (291 m): 40 (of 40)

This image provides landscape and visual context only.

Existing View
Wireline View

Horizontal Scale of Map 1:50,000
0 1 2 km
Inch Cape Wind Farm

Geodetic Parameters:       OSGB 1936 BNG

OS Reference 350325 E 724227 N
Elevation 0 m AOD
Direction of View 315°
Horizontal Field of View 120° (cylindrical projection)
Camera Height 1.5 m AGL
Principal Distance 349 mm
Paper Size 841 x 297 mm (half A1)
Correct Printed Image Size 731 x 135 mm

Camera Nikon D7000
Lens AF-S DX 18-105mm f/3.5-5.6G
Focal Length 35 mm
Date & Time Taken 22/06/2011 16:25

Produced: JM
Reviewed: SP
Approved: LG
Date: 14/03/2018 Revision: 0
REF: 4914_00004_29.1.0 LVIA Photomontages_rev_H

Figure 12.50b
VP16 - Tentsmuir
Wide angle Panorama with Cumulative Wireline (view 1 of 3)

Nearest Turbine 33.433 km
Hubs Visible (166 m) 40 (of 40)
Tips Visible (291 m) 40 (of 40)

Existing View
Cumulative Wireline View
Horizontal Scale of Map 1:50,000

0 1 2 km
Figure 12.50c
VP16 - Tentsmuir
Wide angle Panorama with Cumulative Wireline (view 2 of 3)

Nearest Turbine 33.433 km
Hubs Visible (166 m) 40 (of 40)
Tips Visible (291 m) 40 (of 40)
Inch Cape Wind Farm

Geodetic Parameters: OSGB 1936 BNG

OS Reference
350325 E 724227 N

Elevation
0 m AOD

Direction of View
195°

Horizontal Field of View
120° (cylindrical projection)

Camera Height
1.5 m AGL

Principal Distance
349 mm

Paper Size
841 x 297 mm (half A1)

Correct Printed Image Size
731 x 135 mm

Camera
Nikon D7000

Lens
AF-S DX 18-105mm f/3.5-5.6G

Focal Length
35 mm

Date & Time Taken
22/06/2011 16:25

Produced: JM
Reviewed: SP
Approved: LG
Date: 14/03/2018 Revision: 0
REF: 4914_00004_29.1.0 LVIA Photomontages_rev_H

Figure 12.50d
VP16 - Tentsmuir
Wide angle Panorama with Cumulative Wireline (view 3 of 3)

Nearest Turbine
33.433 km

Hubs Visible (166 m)
40 (of 40)

Tips Visible (291 m)
40 (of 40)

This image provides landscape and visual context only

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Existing View
Cumulative Wireline View
Horizontal Scale of Map 1:50,000
Viewpoint Figures
Figure 12.51a: Wide angle Panorama with Wireline
Figure 12.51b: Wide angle Panorama with Cumulative Wireline (view 1 of 2)
Figure 12.51c: Wide angle Panorama with Cumulative Wireline (view 2 of 2)
Figure 12.51d: Wireline

Viewpoint Description
This viewpoint is located on the grass verge on the northern side of the Strathkinness High Road, approximately 50m to the east of Strathkinness village limits, 3km west of St Andrews.
Inch Cape Wind Farm

Geodetic Parameters: OSGB 1936 BNG

- OS Reference: 346619 E 716408 N
- Elevation: 67.8 m AOD
- Direction of View: 75°
- Horizontal Field of View: 120° (cylindrical projection)
- Camera Height: 1.5 m AGL
- Principal Distance: 349 mm
- Paper Size: 841 x 297 mm (half A1)
- Correct Printed Image Size: 731 x 135 mm
- Camera: Nikon D750
- Lens: AF-S 50mm f/1.4G
- Focal Length: 50 mm
- Date & Time Taken: 02/11/2017 11:25

Produced: JM
Reviewed: SP
Approved: LG
Date: 14/03/2018 Revision: 0
REF: 4914_00004_29.1.0 LVIA Photomontages_rev_H

Figure 12.51a
VP17 - Strathkinness
Wide angle Panorama with Wireline

- Nearest Turbine: 39.422 km
- Hubs Visible (166 m): 40 (of 40)
- Tips Visible (291 m): 40 (of 40)

This image provides landscape and visual context only.
Inch Cape Wind Farm

Geodetic Parameters: OSGB 1936 BNG

OS Reference
346619 E 716408 N

Elevation
67.8 m AOD

Direction of View
30°

Horizontal Field of View
120° (cylindrical projection)

Camera Height
1.5 m AGL

Principal Distance
349 mm

Paper Size
841 x 297 mm (half A1)

Correct Printed Image Size
731 x 135 mm

Camera
Nikon D750

Lens
AF-S 50mm f/1.4G

Focal Length
50 mm

Date & Time Taken
02/11/2017 11:25

Produced: JM
Reviewed: SP
Approved: LG
Date: 14/03/2018 Revision: 0
REF: 4914_00004_29.1.0 LVIA Photomontages_rev_H

Figure 12.51b
VP17 - Strathkinness
Wide angle Panorama with Cumulative Wireline (view 1 of 2)

Nearest Turbine
39.422 km

Hubs Visible (166 m)
40 (of 40)

Tips Visible (291 m)
40 (of 40)

This image provides landscape and visual context only.

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Existing View
Cumulative Wireline View
Horizontal Scale of Map 1:50,000
0 1 2 km
Inch Cape Wind Farm

Geodetic Parameters: OSGB 1936 BNG

OS Reference
346619 E 716408 N

Elevation
67.8 m AOD

Direction of View
75°

Horizontal Field of View
120° (cylindrical projection)

Camera Height
1.5 m AGL

Principal Distance
349 mm

Paper Size
841 x 297 mm (half A1)

Correct Printed Image Size
731 x 135 mm

Camera
Nikon D750

Lens
AF-S 50mm f/1.4G

Focal Length
50 mm

Date & Time Taken
02/11/2017  11:25

Produced: JM
Reviewed: SP
Approved: LG
Date: 14/03/2018 Revision: 0
REF: 4914_00004_29.1.0 LVIA Photomontages_rev_H

Figure 12.51c
VP17 - Strathkinness
Wide angle Panorama with Cumulative Wireline (view 2 of 2)

Nearest Turbine
39.422 km

Hubs Visible (166 m) 40 (of 40)

Tips Visible (291 m) 40 (of 40)

Viewpoint and Photography Data

Proposed Turbine Information (Inch Cape only)

This image provides landscape and visual context only

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Inch Cape Wind Farm

Geodetic Parameters: OSGB 1936 BNG
Produced: SP
Reviewed: LG
Approved: LG
Date: 12/07/2018
Revision: 0

REF: 04914.00004.29.Fig12.51c.0.VP17_Strathkinness

Figure 12.51d VP17 - Strathkinness Wireline

Wireline View
View flat at a comfortable arm’s length


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Horizontal Scale of Map 1:50,000

OS Reference
346619 E 716408 N

Elevation
67.8 m AOD

Direction of View
68°

Horizontal Field of View
53.5° (planar projection)

Camera Height
1.5 m AGL

Principal Distance
812.5 mm

Paper Size
841 x 297 mm (half A1)

Correct Printed Image Size
820 x 260 mm

Camera
Nikon D750

Lens
AF-S 50mm f/1.4G

Focal Length
50 mm

Date & Time Taken
02/11/2017 11:25

Nearest Turbine
39.422 km

Hubs Visible (166 m)
40 (of 40)

Tips Visible (291 m)
40 (of 40)

Viewpoint and Photography Data Proposed Turbine Information (Inch Cape only)
In agreement with SNH and MS-COT during consultation, viewpoint photography for this VP taken in 2011 by the FTOWDG for the SLVIA assessments of Inch Cape, Neart na Gaoithe and Firth of Forth (Seagreen) has been reused for this SLVIA where no substantial change in the baseline context was observed during fieldwork carried out in 2017.

**Viewpoint Description**

This viewpoint is located on a footpath which extends from East Scores towards St Andrews Pier, by the grounds of the ruined cathedral. The viewpoint is located just west of where the path descends towards the pier and harbour.
Inch Cape Wind Farm

Geodetic Parameters: OSGB 1936 BNG

OS Reference: 351572 E 716671 N
Elevation: 16.5 m AOD
Direction of View: 68°
Horizontal Field of View: 120° (cylindrical projection)
Camera Height: 1.5 m AGL
Principal Distance: 349 mm
Paper Size: 841 x 297 mm (half A1)
Correct Printed Image Size: 731 x 135 mm

Camera: Nikon D7000
Lens: AF-S DX 18-105mm f/3.5-5.6G
Focal Length: 35 mm
Date & Time Taken: 22/07/2011 14:50

Produced: JM
Reviewed: SP
Approved: LG
Date: 14/03/2018 Revision: 0
REF: 4914_00004_29.1.0 LVIA Photomontages_rev_H

Figure 12.52a
VP18 - St Andrews, East Scores
Wide angle Panorama with Wireline

Nearest Turbine: 34.807 km
Hubs Visible (166 m): 40 (of 40)
Tips Visible (291 m): 40 (of 40)

Existing View

Wireline View

Horizontal Scale of Map 1:50,000
0 1 2 km

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