Cloich Forest Wind Farm

Volume 2c – LVIA Visualisations

June 2021

CLOICH FOREST WIND FARM

EIA Report – Volume 2c – LVIA Visualisations

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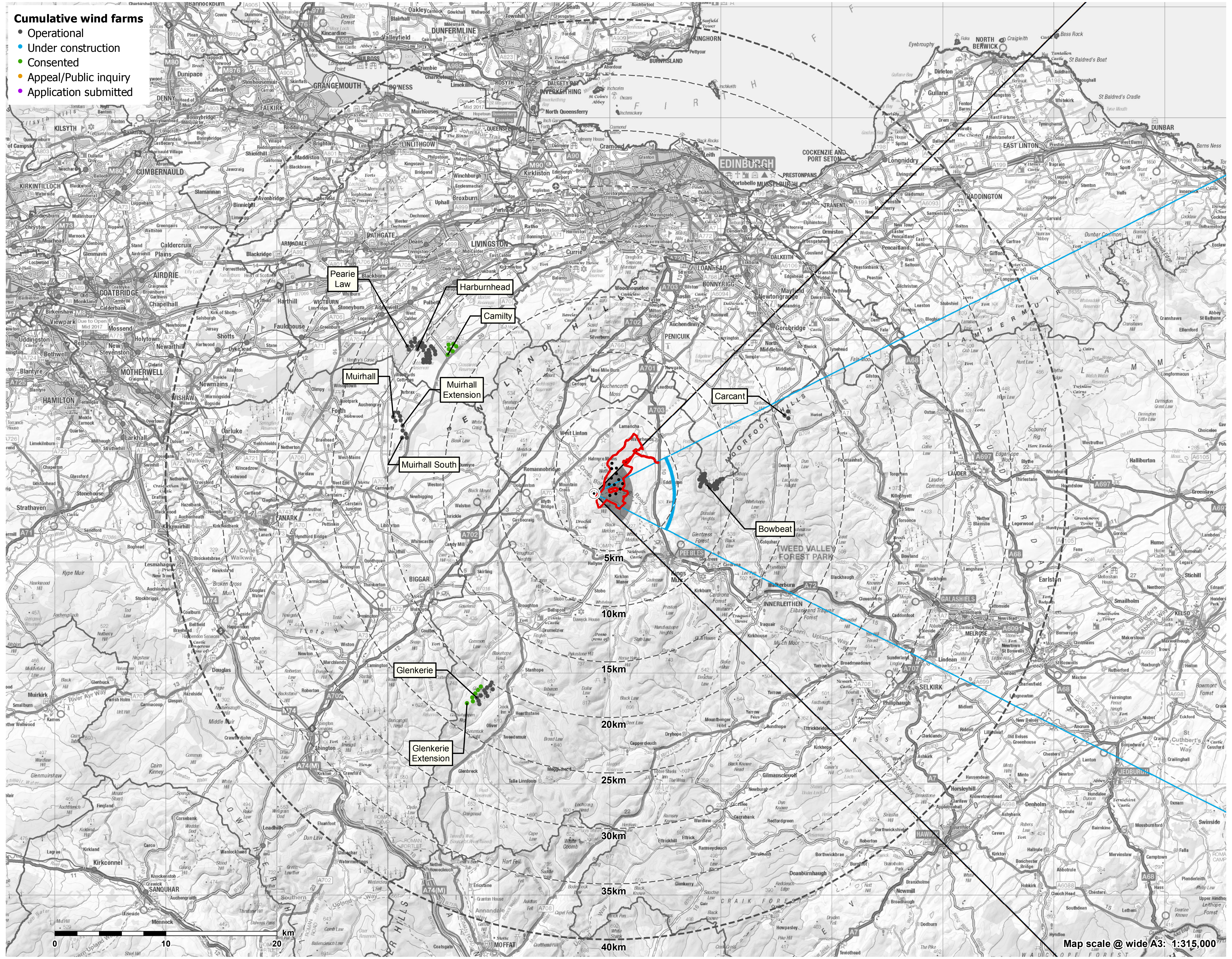
Cumulative wind farms
Operational
Under construction
Consented
Appeal/Public inquiry
Application submitted
Pearie Law
Harburnhead
Camilty
Muirhall
Muirhall Extension
Muirhall South
Carcant
Bowbeat
Glenkerie
Glenkerie Extension
5km
10km
15km
20km
25km
30km
35km
40km
0
10
20
km
Map scale @ wide A3: 1:315,000

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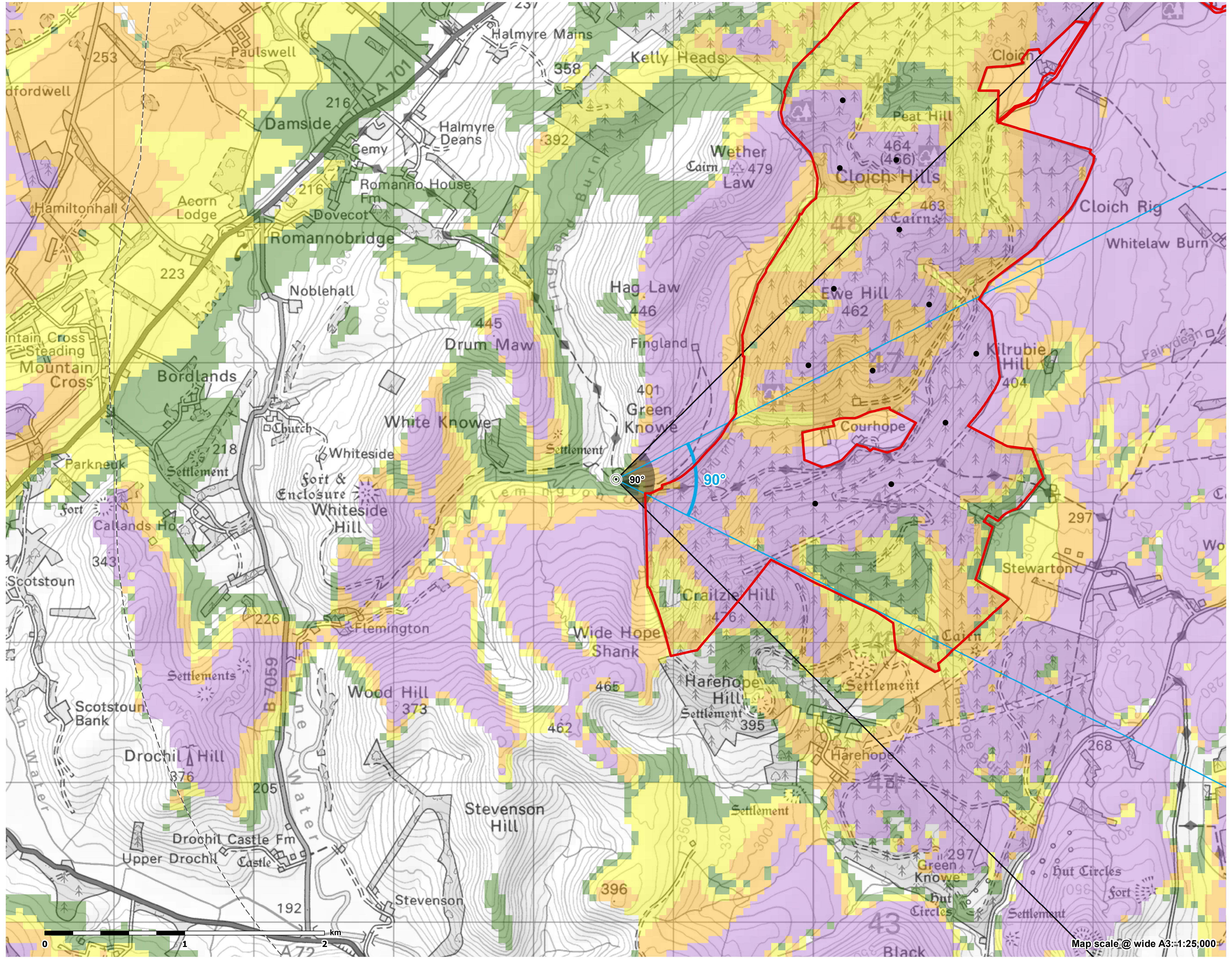

90°
0
1
2
km
Map scale @ wide A3: 1:25,000

CB:EL EB:lendak_e LUC FIG5-2x_r1_10801_VPoverviews 04/06/2021
Source: EDF, LUC

🟥	Site boundary
●	Turbine location
▭	5km intervals from outermost turbines
▭	40km study area
⊙	Viewpoint

Theoretical turbine tip visibility

🟩	1-3 Turbines are visible
🟨	4-6 Turbines are visible
🟧	7-9 Turbines are viible
🟪	10-12 Turbines are visible
V	53.5° Field of view
V	90° Field of view

Notes

Cumulative wind farms based on information available to LUC on 09/02/2021.

The ZTV is calculated to turbine tip height (149.9 m) from a viewing height of 2 m above ground level. The terrain model assumes bare ground and is derived from OS Terrain 50 height data (obtained from Ordnance Survey in July 2019).
Earth curvature and atmospheric refraction have been taken into account.
The ZTV was calculated using ArcMap 10.5.1 software.

NORTH

Produced By: EL	Ref: Pr No.-REP-Dr. No.
Checked By: LC	Date: 04/06/2021

Viewpoint 1:
Cross Borders Drove Road (west)
Figure 5.2.1

Cloich Forest Wind Farm
EIA Report

Baseline photograph
This image provides landscape and visual context only

Wireline drawing
Extent of central 50mm frame used to construct panorama
Extent of 53.5° planar panorama
Cloich
050
060
070
080
E
090
100
110
120
130

OS reference: 318590E 646165N
AOD: 279 m
Direction of view: 90°
Nearest turbine: 1.43 km

Horizontal field of view: 90° (cylindrical projection)
Principal distance: 522 mm
Paper size: 841 x 297 mm (half A1)
Correct printed image size: 820 x 260 mm

Camera: Nikon D600
Lens: 50mm Fixed Focal Length
Camera height: 1.5 m

Photography Date: 16/07/2020
Photography Time: 17:30

Wind Farm Developments key (by status):

- Proposed scheme
- Operational
- Under construction
- Consented
- Application
- Scoping
- Appeal/PLI

Cloich

Figure: 5.2.1a

Viewpoint 1: Cross Borders Drove Road (west)

Wireline drawing

View flat at a comfortable arm’s length

LUC

OS reference:	318590E 646165N	Horizontal field of view:	53.5° (planar projection)
AOD:	279 m	Principal distance:	812.5 mm
Direction of view:	90°	Paper size:	841 x 297 mm (half A1)
Nearest turbine:	1.43 km	Correct printed image size:	820 x 260 mm

Wind Farm Developments key (by status):

- Proposed scheme
- Operational
- Under construction

Cloich

Figure: 5.2.1b

Viewpoint 1: Cross Borders Drove Road (west)

Photomontage
View flat at a comfortable arm's length

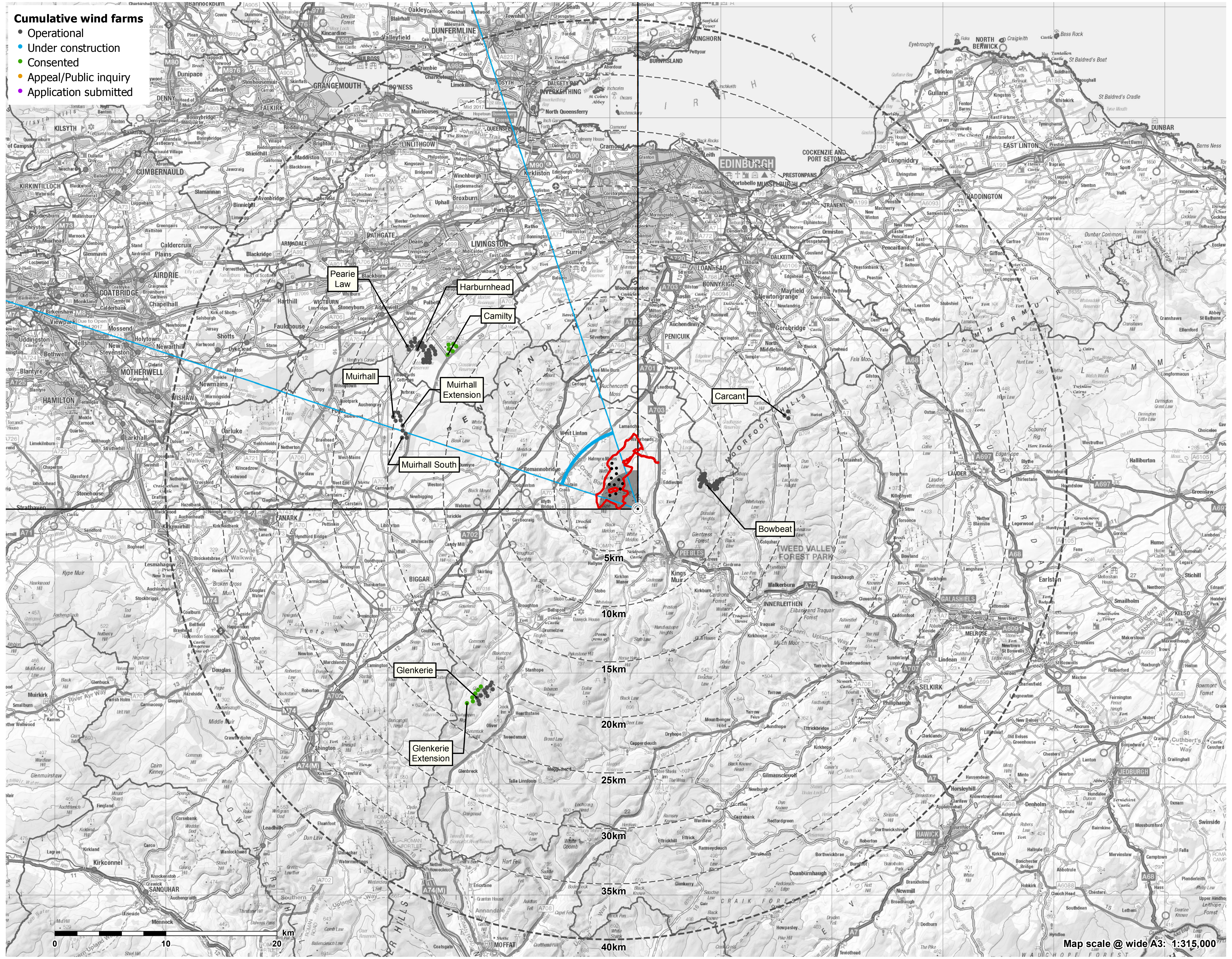
LUC

OS reference:	318590E 646165N	Horizontal field of view:	53.5° (planar projection)	Camera:	Nikon D600	Photography Date:	16/07/2020
AOD:	279 m	Principal distance:	812.5 mm	Lens:	50mm Fixed Focal Length	Photography Time:	17:30
Direction of view:	90°	Paper size:	841 x 297 mm (half A1)	Camera height:	1.5 m		
Nearest turbine:	1.43 km	Correct printed image size:	820 x 260 mm				

Cloich

Figure: 5.2.1c

Viewpoint 1: Cross Borders Drove Road (west)


Cumulative wind farms
Operational
Under construction
Consented
Appeal/Public inquiry
Application submitted
Pearie Law
Harburnhead
Camilty
Muirhall
Muirhall Extension
Muirhall South
Carcant
Bowbeat
Glenkerie
Glenkerie Extension
EDINBURGH
5km
10km
15km
20km
25km
30km
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40km
0
10
20
km
Map scale @ wide A3: 1:315,000

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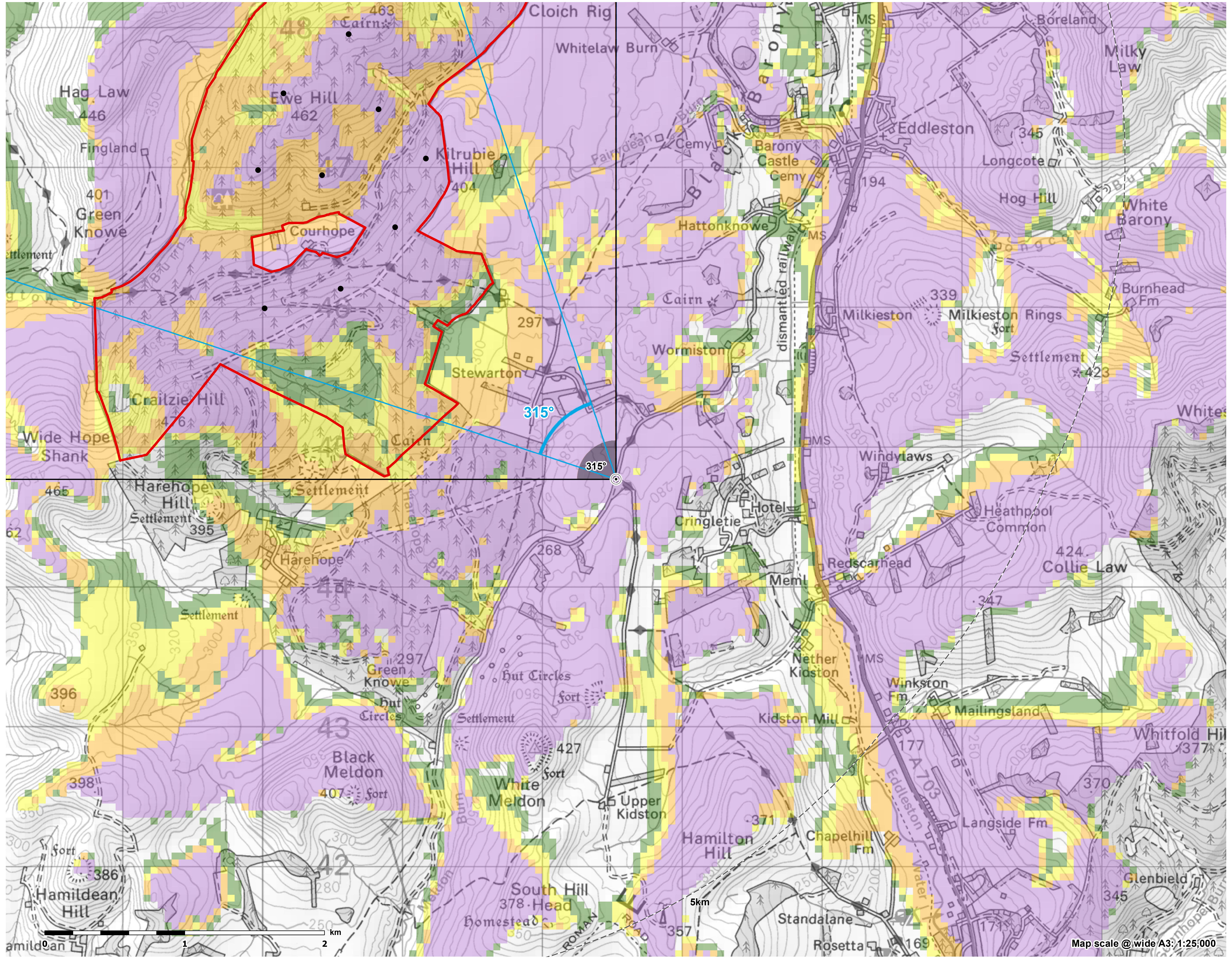
Cloich Rig
Hag Law
Fingland
Green Knowe
Ewe Hill
Kilrubie Hill
Courhope
Crailzie Hill
Wide Hope Shank
Harehope Hill
Stewarton
315°
Eddleston
Milkieston Rings
Wormiston
Cringletie
Black Meldon
White Meldon
Hamildean Hill
South Hill Head
Windylaws
Nether Kidston
Upper Kidston
Hamilton Hill
Standalane
Rosetta
5km
0
1
2
km
Map scale @ wide A3: 1:25,000

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CB:EL EB:lendak_e LUC FIG5-2x_r1_10801_VPoverviews 04/06/2021
Source: EDF, LUC

EDF renewables

LUC

ARCUS

🟥 Site boundary
● Turbine location
┅ 5km intervals from outermost turbines
┅ 40km study area
⊙ Viewpoint

Theoretical turbine tip visibility

🟩 1-3 Turbines are visible
🟨 4-6 Turbines are visible
🟧 7-9 Turbines are viible
🟪 10-12 Turbines are visible

∨ 53.5° Field of view
∨ 90° Field of view

Notes

Cumulative wind farms based on information available to LUC on 09/02/2021.

The ZTV is calculated to turbine tip height (149.9 m) from a viewing height of 2 m above ground level. The terrain model assumes bare ground and is derived from OS Terrain 50 height data (obtained from Ordnance Survey in July 2019).
Earth curvature and atmospheric refraction have been taken into account.
The ZTV was calculated using ArcMap 10.5.1 software.

NORTH

Produced By: EL	Ref: Pr No.-REP-Dr. No.
Checked By: LC	Date: 04/06/2021

Viewpoint 2:
Cross Borders Drove Road (east)
Figure 5.2.2

Cloich Forest Wind Farm
EIA Report

Baseline photograph
This image provides landscape and visual context only

Wireline drawing
Extent of central 50mm frame used to construct panorama
Extent of 53.5° planar panorama
Cloich
W
270
280
290
300
310
320
330
340
350
N
0

OS reference: 322527E 644769N
AOD: 274 m
Direction of view: 315°
Nearest turbine: 2.39 km

Horizontal field of view: 90° (cylindrical projection)
Principal distance: 522 mm
Paper size: 841 x 297 mm (half A1)
Correct printed image size: 820 x 260 mm

Camera: Nikon D600
Lens: 50mm Fixed Focal Length
Camera height: 1.5 m

Photography Date: 04/02/2020
Photography Time: 12:50

Wind Farm Developments key (by status):

- Proposed scheme
- Operational
- Under construction
- Consented
- Application
- Scoping
- Appeal/PLI

Cloich

Figure: 5.2.2a

Viewpoint 2: Cross Borders Drove Road (east)

2
3
1
7
4
6
11
9
8
5
12
10

Wireline drawing

View flat at a comfortable arm's length

LUC

OS reference:	322527E 644769N
AOD:	274 m
Direction of view:	315°
Nearest turbine:	2.39 km

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

Wind Farm Developments key (by status):

- Proposed scheme
- Operational
- Under construction

Cloich

Figure: 5.2.2b

Viewpoint 2: Cross Borders Drove Road (east)

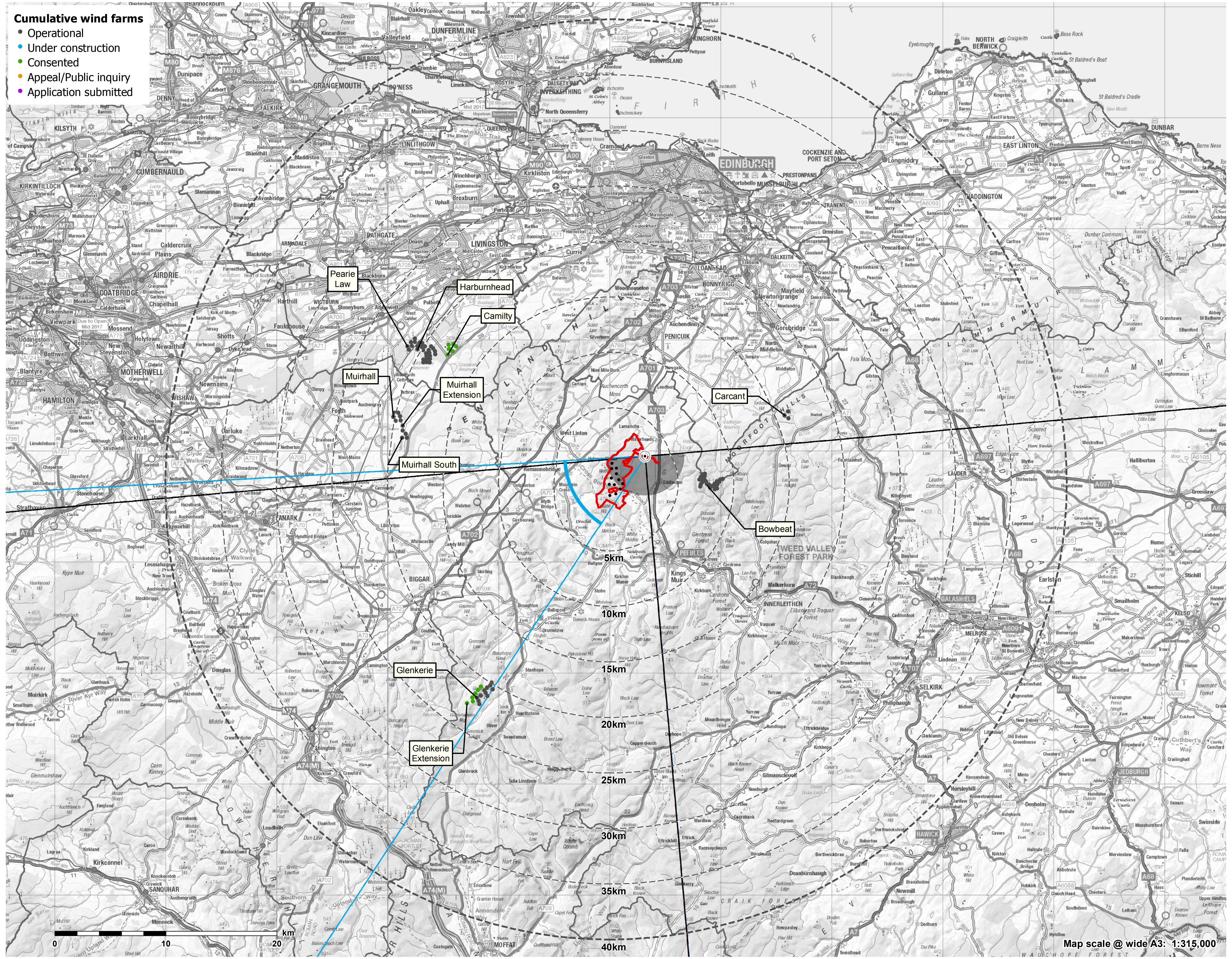
Photomontage
View flat at a comfortable arm’s length

OS reference:	322527E 644769N	Horizontal field of view:	53.5° (planar projection)	Camera:	Nikon D600	Photography Date:	04/02/2020
AOD:	274 m	Principal distance:	812.5 mm	Lens:	50mm Fixed Focal Length	Photography Time:	12:50
Direction of view:	315°	Paper size:	841 x 297 mm (half A1)	Camera height:	1.5 m		
Nearest turbine:	2.39 km	Correct printed image size:	820 x 260 mm				

Cloich

Figure: 5.2.2c

Viewpoint 2: Cross Borders Drove Road (east)


Cumulative wind farms
● Operational
● Under construction
● Consented
● Appeal/Public inquiry
● Application submitted
Pearie Law
Harburnhead
Camilty
Muirhall
Muirhall Extension
Carcant
Muirhall South
Bowbeat
Glenkerie
Glenkerie Extension
EDINBURGH
DUNFERMLINE
NORTH BERWICK
5km
10km
15km
20km
25km
30km
35km
40km
0
10
20
km
Map scale @ wide A3: 1:315,000

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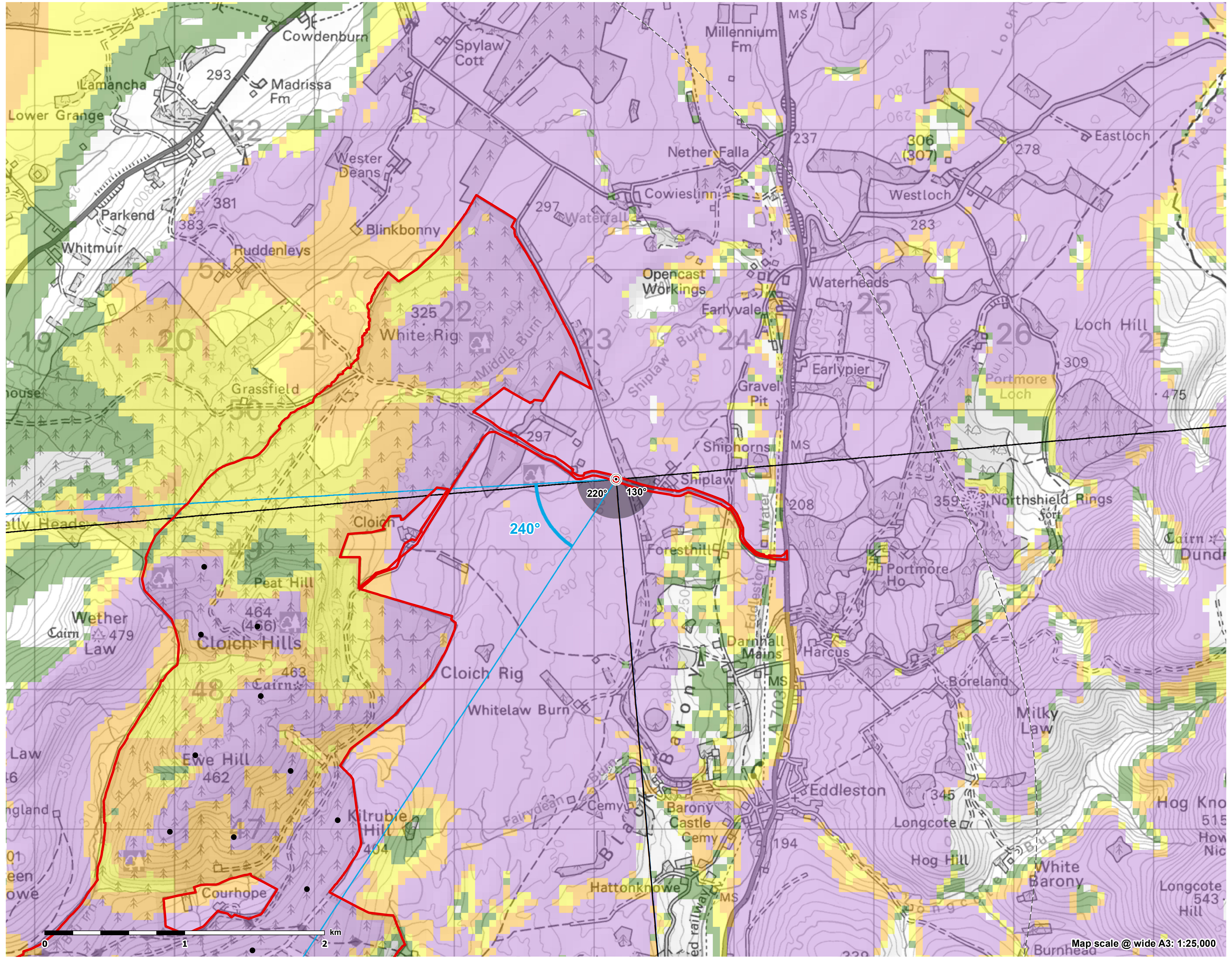
Cowdenburn
Lamancha
Madrissa Fm
Lower Grange
Spylaw Cott
Millennium Fm
Wester Deans
Nether Falla
Cowieslinn
Eastloch
Westloch
Parkend
Whitmuir
Blinkbonny
Ruddenleys
Waterfall
Opencast Workings
Waterheads
White Rig
Earlyvale
Loch Hill
Grassfield
Earlypier
Portmore Loch
Gravel Pit
Shiphorns
Shiplaw
Cloich
220°
130°
240°
Northshield Rings
Forestmill
Portmore Ho
Peat Hill
Wether Law
Cloich Hills
Cloich Rig
Darnhall Mains
Harcus
Boreland
Whitelaw Burn
Milkey Law
Ewe Hill
Kilrubie Hill
Barony Castle
Eddleston
Longcote
Hog Hill
Hog Knowe
White Barony
Courhope
Hattonknowe
Burnhead
0
1
2
km
Map scale @ wide A3: 1:25,000

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CB:EL EB:lendak_e LUC FIG5-2x_r1_10801_VPoverviews 04/06/2021
Source: EDF, LUC

EDF renewables

LUC

ARCUS

- 🟥 Site boundary
- ● Turbine location
- ⬚ 5km intervals from outermost turbines
- ⬚ 40km study area
- ⊙ Viewpoint

Theoretical turbine tip visibility

- 🟩 1-3 Turbines are visible
- 🟨 4-6 Turbines are visible
- 🟧 7-9 Turbines are viible
- 🟪 10-12 Turbines are visible
- ∨ 53.5° Field of view
- ∨ 90° Field of view

Notes
Cumulative wind farms based on information available to LUC on 09/02/2021.

The ZTV is calculated to turbine tip height (149.9 m) from a viewing height of 2 m above ground level. The terrain model assumes bare ground and is derived from OS Terrain 50 height data (obtained from Ordnance Survey in July 2019).
Earth curvature and atmospheric refraction have been taken into account.
The ZTV was calculated using ArcMap 10.5.1 software.

NORTH

Produced By: EL	Ref: Pr No.-REP-Dr. No.
Checked By: LC	Date: 04/06/2021

Viewpoint 3:
Old Post Road Core Path (east of Observatory)
Figure 5.2.3

Cloich Forest Wind Farm
EIA Report

Baseline photograph
This image provides landscape and visual context only

Wireline drawing
Bowbeat
E
090
100
110
120
130
140
150
160
170

OS reference: 323157E 649501N
AOD: 276 m
Direction of view: 130°
Nearest turbine: 2.77 km

Horizontal field of view: 90° (cylindrical projection)
Principal distance: 522 mm
Paper size: 841 x 297 mm (half A1)
Correct printed image size: 820 x 260 mm

Camera: Nikon D600
Lens: 50mm Fixed Focal Length
Camera height: 1.5 m

Photography Date: 18/03/2020
Photography Time: 10:30

Wind Farm Developments key (by status):

Proposed scheme
Operational
Under construction
Consented
Application
Scoping
Appeal/PLI

Cloich

Figure: 5.2.3a

Viewpoint 3: Old Post Road Core Path (east of Observatory)

Baseline photograph
This image provides landscape and visual context only

Wireline drawing
Extent of central 50mm frame used to construct panorama
Extent of 53.5° planar panorama
Cloich
S
180
190
200
210
220
230
240
250
260

OS reference: 323157E 649501N
AOD: 276 m
Direction of view: 220°
Nearest turbine: 2.77 km

Horizontal field of view: 90° (cylindrical projection)
Principal distance: 522 mm
Paper size: 841 x 297 mm (half A1)
Correct printed image size: 820 x 260 mm

Camera: Nikon D600
Lens: 50mm Fixed Focal Length
Camera height: 1.5 m

Photography Date: 18/03/2020
Photography Time: 10:30

Wind Farm Developments key (by status):

- Proposed scheme
- Operational
- Under construction
- Consented
- Application
- Scoping
- Appeal/PLI

Cloich

Figure: 5.2.3b

Viewpoint 3: Old Post Road Core Path (east of Observatory)

4
3
5
2
7
9
1
6
8
10
11
12
Wireline drawing
View flat at a comfortable arm's length

LUC

OS reference:	323157E 649501N
AOD:	276 m
Direction of view:	240°
Nearest turbine:	2.77 km

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

Wind Farm Developments key (by status):
- Proposed scheme
- Operational
- Under construction

Cloich

Figure: 5.2.3c

Viewpoint 3: Old Post Road Core Path (east of Observatory)

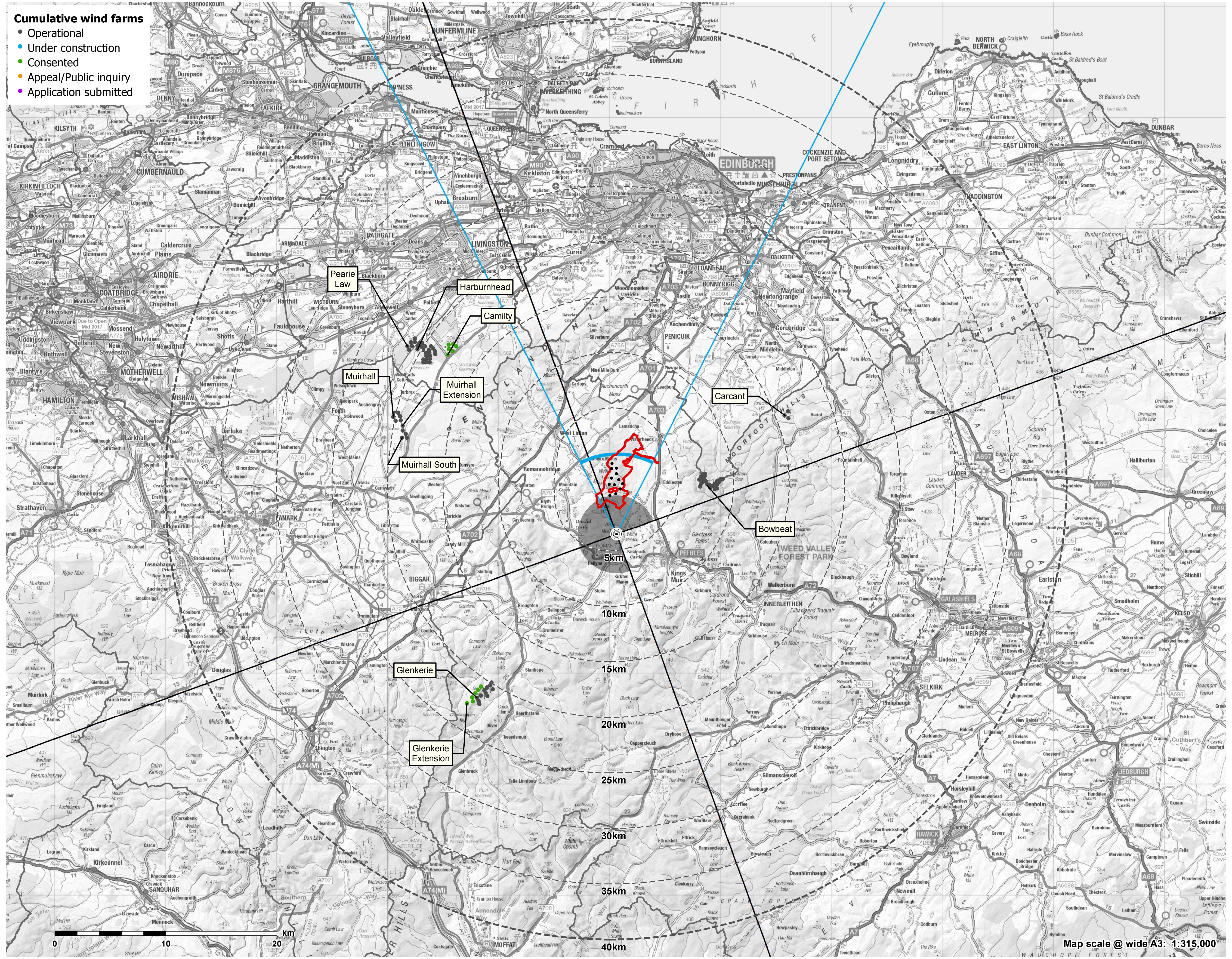
Photomontage
View flat at a comfortable arm’s length

OS reference:	323157E 649501N	Horizontal field of view:	53.5° (planar projection)	Camera:	Nikon D600	Photography Date:	18/03/2020
AOD:	276 m	Principal distance:	812.5 mm	Lens:	50mm Fixed Focal Length	Photography Time:	10:30
Direction of view:	240°	Paper size:	841 x 297 mm (half A1)	Camera height:	1.5 m		
Nearest turbine:	2.77 km	Correct printed image size:	820 x 260 mm				

Cloich

Figure: 5.2.3d

Viewpoint 3: Old Post Road Core Path (east of Observatory)


Cumulative wind farms
● Operational
● Under construction
● Consented
● Appeal/Public inquiry
● Application submitted
Pearie Law
Harburnhead
Camilty
Muirhall
Muirhall Extension
Muirhall South
Carcant
Bowbeat
Glenkerie
Glenkerie Extension
5km
10km
15km
20km
25km
30km
35km
40km
EDINBURGH
0
10
20
km
Map scale @ wide A3: 1:315,000

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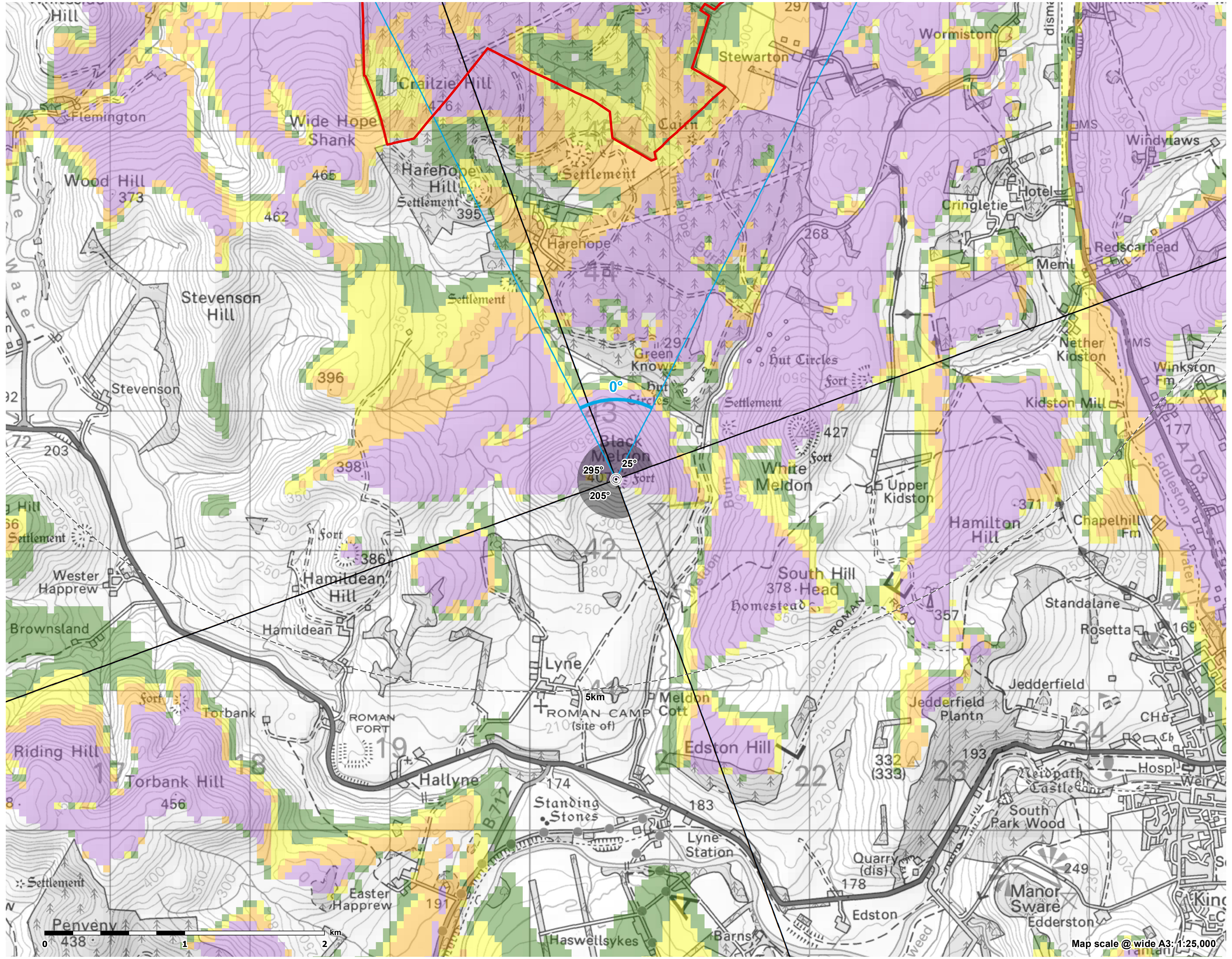
0°
295°
25°
205°
5km
0
1
2
km
Map scale @ wide A3: 1:25,000

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CB:EL EB:lendak_e LUC FIG5-2x_r1_10801_VPoverviews 04/06/2021
Source: EDF, LUC

EDF renewables

LUC

ARCUS

🟥	Site boundary
●	Turbine location
⬚	5km intervals from outermost turbines
⬚	40km study area
⊙	Viewpoint

Theoretical turbine tip visibility

🟩	1-3 Turbines are visible
🟨	4-6 Turbines are visible
🟧	7-9 Turbines are viible
🟪	10-12 Turbines are visible
V	53.5° Field of view
V	90° Field of view

Notes

Cumulative wind farms based on information available to LUC on 09/02/2021.

The ZTV is calculated to turbine tip height (149.9 m) from a viewing height of 2 m above ground level. The terrain model assumes bare ground and is derived from OS Terrain 50 height data (obtained from Ordnance Survey in July 2019).
Earth curvature and atmospheric refraction have been taken into account.
The ZTV was calculated using ArcMap 10.5.1 software.

NORTH

Produced By: EL	Ref: Pr No.-REP-Dr. No.
Checked By: LC	Date: 04/06/2021

Viewpoint 4:
Black Meldon
Figure 5.2.4

Cloich Forest Wind Farm
EIA Report

Baseline photograph
This image provides landscape and visual context only

Wireline drawing
Clyde
Glenkerie
Glenkerie Extension
S
60
170
180
190
200
210
220
230
240
25

LUC

OS reference:	320617E 642509N
AOD:	398 m
Direction of view:	205°
Nearest turbine:	3.53 km

Horizontal field of view:	90° (cylindrical projection)
Principal distance:	522 mm
Paper size:	841 x 297 mm (half A1)
Correct printed image size:	820 x 260 mm

Camera:	Nikon D600
Lens:	50mm Fixed Focal Length
Camera height:	1.5 m

Photography Date:	10/07/2020
Photography Time:	11:20

Wind Farm Developments key (by status):

Proposed scheme	Application
Operational	Scoping
Under construction	Appeal/PLI
Consented	

Cloich

Figure: 5.2.4a

Viewpoint 4: Black Meldon

Baseline photograph
This image provides landscape and visual context only

Wireline drawing
Black Law
W
50
260
270
280
290
300
310
320
330
34

LUC

OS reference:	320617E 642509N	Horizontal field of view:	90° (cylindrical projection)	Camera:	Nikon D600	Photography Date:	10/07/2020
AOD:	398 m	Principal distance:	522 mm	Lens:	50mm Fixed Focal Length	Photography Time:	11:20
Direction of view:	295°	Paper size:	841 x 297 mm (half A1)	Camera height:	1.5 m		
Nearest turbine:	3.53 km	Correct printed image size:	820 x 260 mm				

Wind Farm Developments key (by status):

Proposed scheme
Operational
Under construction
Consented
Application
Scoping
Appeal/PLI

Cloich

Figure: 5.2.4b
Viewpoint 4: Black Meldon

Baseline photograph
This image provides landscape and visual context only

Wireline drawing
Extent of central 50mm frame used to construct panorama
Extent of 53.5° planar panorama
Cloich
Bowbeat
N
40
350
000
010
020
030
040
050
060
07

LUC

OS reference: 320617E 642509N
AOD: 398 m
Direction of view: 25°
Nearest turbine: 3.53 km

Horizontal field of view: 90° (cylindrical projection)
Principal distance: 522 mm
Paper size: 841 x 297 mm (half A1)
Correct printed image size: 820 x 260 mm

Camera: Nikon D600
Lens: 50mm Fixed Focal Length
Camera height: 1.5 m

Photography Date: 10/07/2020
Photography Time: 11:20

Wind Farm Developments key (by status):

Proposed scheme
Operational
Under construction
Consented
Application
Scoping
Appeal/PLI

Cloich

Figure: 5.2.4c

Viewpoint 4: Black Meldon

2
1
6
11
12
7
3
10
8
9
4
5

Wireline drawing

View flat at a comfortable arm's length

OS reference:	320617E 642509N	Horizontal field of view:	53.5° (planar projection)
AOD:	398 m	Principal distance:	812.5 mm
Direction of view:	0°	Paper size:	841 x 297 mm (half A1)
Nearest turbine:	3.53 km	Correct printed image size:	820 x 260 mm

Wind Farm Developments key (by status):
- Proposed scheme
- Operational
- Under construction

Cloich
Figure: 5.2.4d
Viewpoint 4: Black Meldon

Photomontage
View flat at a comfortable arm’s length

LUC

OS reference: 320617E 642509N
AOD: 398 m
Direction of view: 0°
Nearest turbine: 3.53 km

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

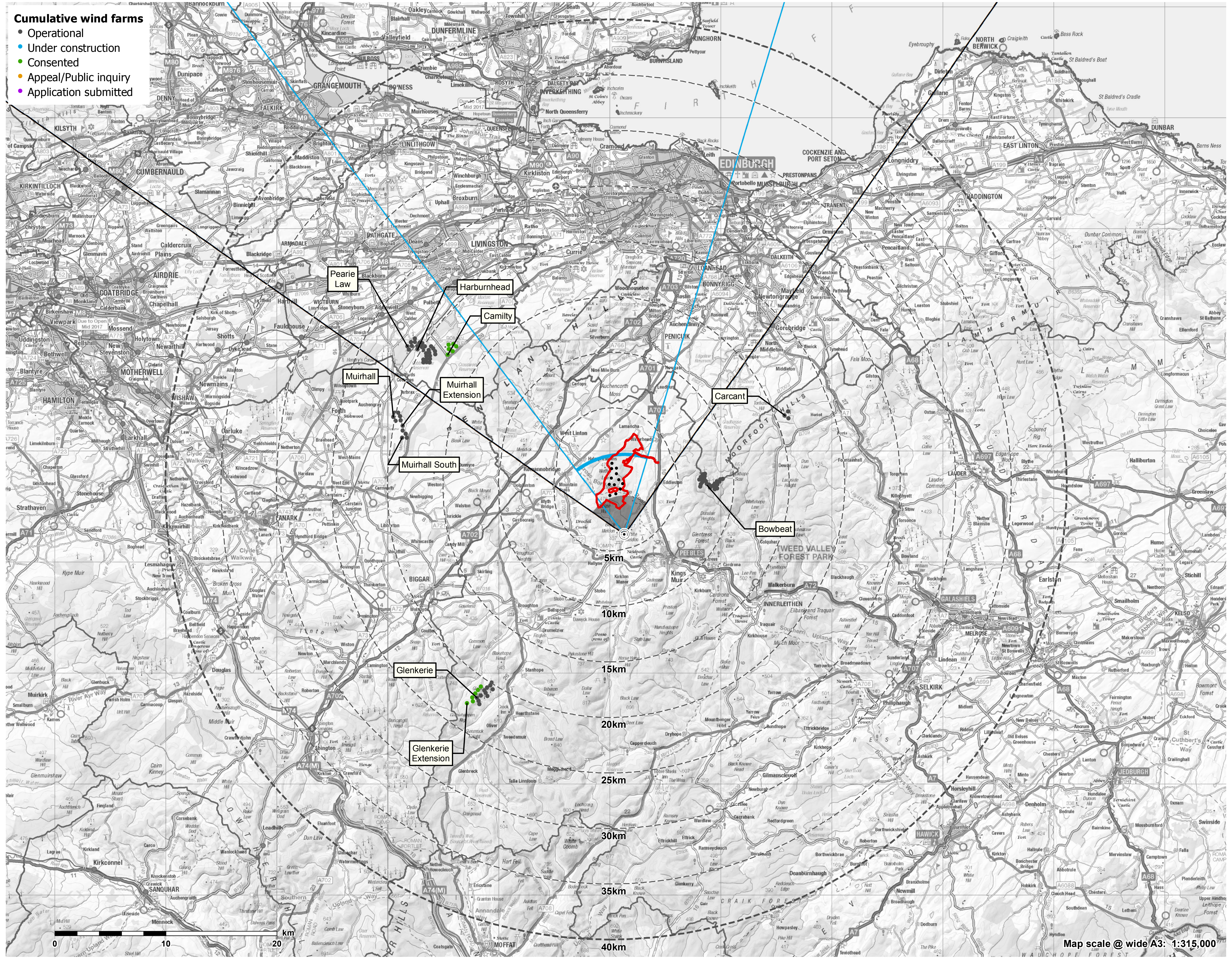
Camera: Nikon D600
Lens: 50mm Fixed Focal Length
Camera height: 1.5 m

Photography Date: 10/07/2020
Photography Time: 11:20

Cloich

Figure: 5.2.4e

Viewpoint 4: Black Meldon


Cumulative wind farms
● Operational
● Under construction
● Consented
● Appeal/Public inquiry
● Application submitted
Pearie Law
Harburnhead
Camilty
Muirhall
Muirhall Extension
Muirhall South
Carcant
Bowbeat
Glenkerie
Glenkerie Extension
EDINBURGH
5km
10km
15km
20km
25km
30km
35km
40km
0
10
20
km
Map scale @ wide A3: 1:315,000

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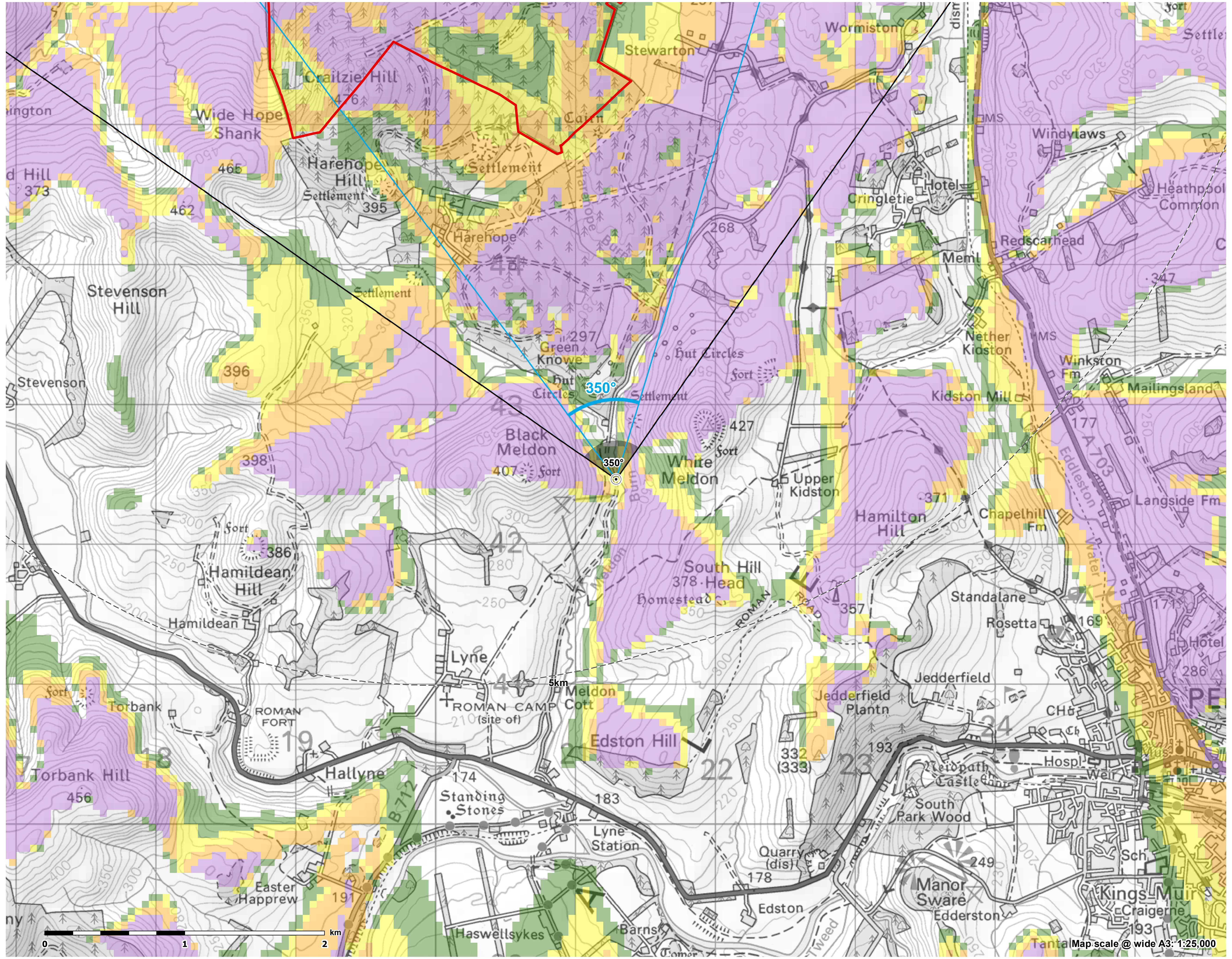

350°
Black Meldon
White Meldon
Hamildean Hill
Stevenson Hill
Wide Hope Shank
Crailzie Hill
Harehope Hill
Hamilton Hill
South Hill Head
Edston Hill
Torbank Hill
Lyne
Hallyne
Standing Stones
Lyne Station
Edston
Jedderfield
Kings Muir
Upper Kidston
Cringletie
Nether Kidston
Kidston Mill
Winkston
Windylaws
Redscarhead
Standalane
Rosetta
Haswellsykes
Easter Happrew
5km
0
1
2
km
Map scale @ wide A3: 1:25,000

CB:EL EB:lendak_e LUC FIG5-2x_r1_10801_VPoverviews 04/06/2021
Source: EDF, LUC

edf renewables

LUC

ARCUS

🟥 Site boundary
● Turbine location
5km intervals from outermost turbines
40km study area
⊙ Viewpoint

Theoretical turbine tip visibility

🟩 1-3 Turbines are visible
🟨 4-6 Turbines are visible
🟧 7-9 Turbines are viible
🟪 10-12 Turbines are visible

53.5° Field of view
90° Field of view

Notes

Cumulative wind farms based on information available to LUC on 09/02/2021.

The ZTV is calculated to turbine tip height (149.9 m) from a viewing height of 2 m above ground level. The terrain model assumes bare ground and is derived from OS Terrain 50 height data (obtained from Ordnance Survey in July 2019).
Earth curvature and atmospheric refraction have been taken into account.
The ZTV was calculated using ArcMap 10.5.1 software.

NORTH

Produced By: EL	Ref: Pr No.-REP-Dr. No.
Checked By: LC	Date: 04/06/2021

Viewpoint 5:
Meldon Valley
Figure 5.2.5

Cloich Forest Wind Farm
EIA Report

Baseline photograph
This image provides landscape and visual context only

Wireline drawing
Extent of central 50mm frame used to construct panorama
Extent of 53.5° planar panorama
Cloich
N
310
320
330
340
350
000
010
020
030

OS reference: 321290E 642463N
AOD: 220 m
Direction of view: 350°
Nearest turbine: 3.73 km

Horizontal field of view: 90° (cylindrical projection)
Principal distance: 522 mm
Paper size: 841 x 297 mm (half A1)
Correct printed image size: 820 x 260 mm

Camera: Nikon D600
Lens: 50mm Fixed Focal Length
Camera height: 1.5 m

Photography Date: 10/07/2020
Photography Time: 13:50

Wind Farm Developments key (by status):

Proposed scheme
Operational
Under construction
Consented
Application
Scoping
Appeal/PLI

Cloich

Figure: 5.2.5a
Viewpoint 5: Meldon Valley

2
1
3
4
5
Wireline drawing
View flat at a comfortable arm's length

LUC

OS reference: 321290E 642463N
AOD: 220 m
Direction of view: 350°
Nearest turbine: 3.73 km

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

Wind Farm Developments key (by status):	
	Proposed scheme
	Operational
	Under construction

Cloich
Figure: 5.2.5b
Viewpoint 5: Meldon Valley

Photomontage
View flat at a comfortable arm’s length

LUC

OS reference: 321290E 642463N
AOD: 220 m
Direction of view: 350°
Nearest turbine: 3.73 km

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

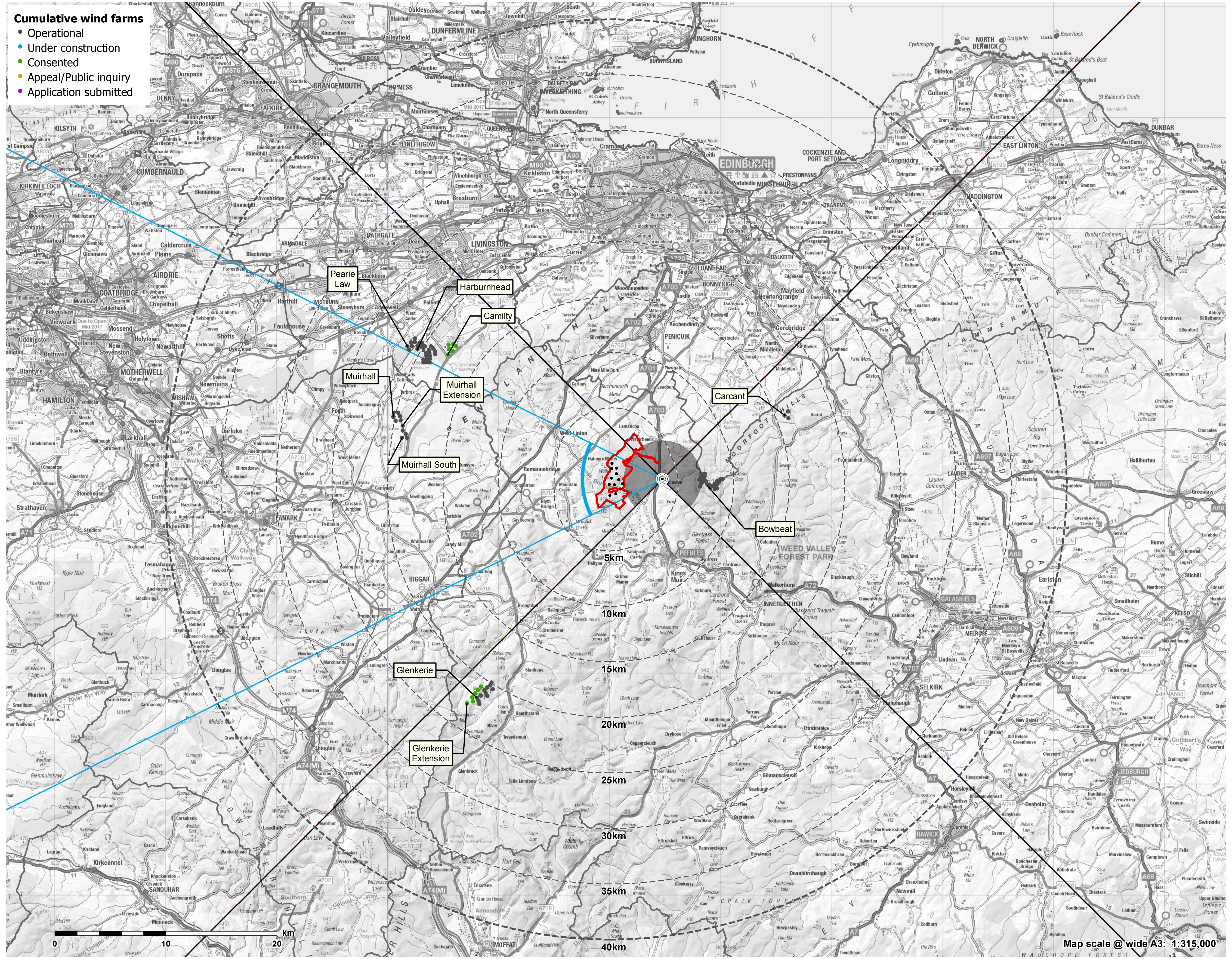
Camera: Nikon D600
Lens: 50mm Fixed Focal Length
Camera height: 1.5 m

Photography Date: 10/07/2020
Photography Time: 13:50

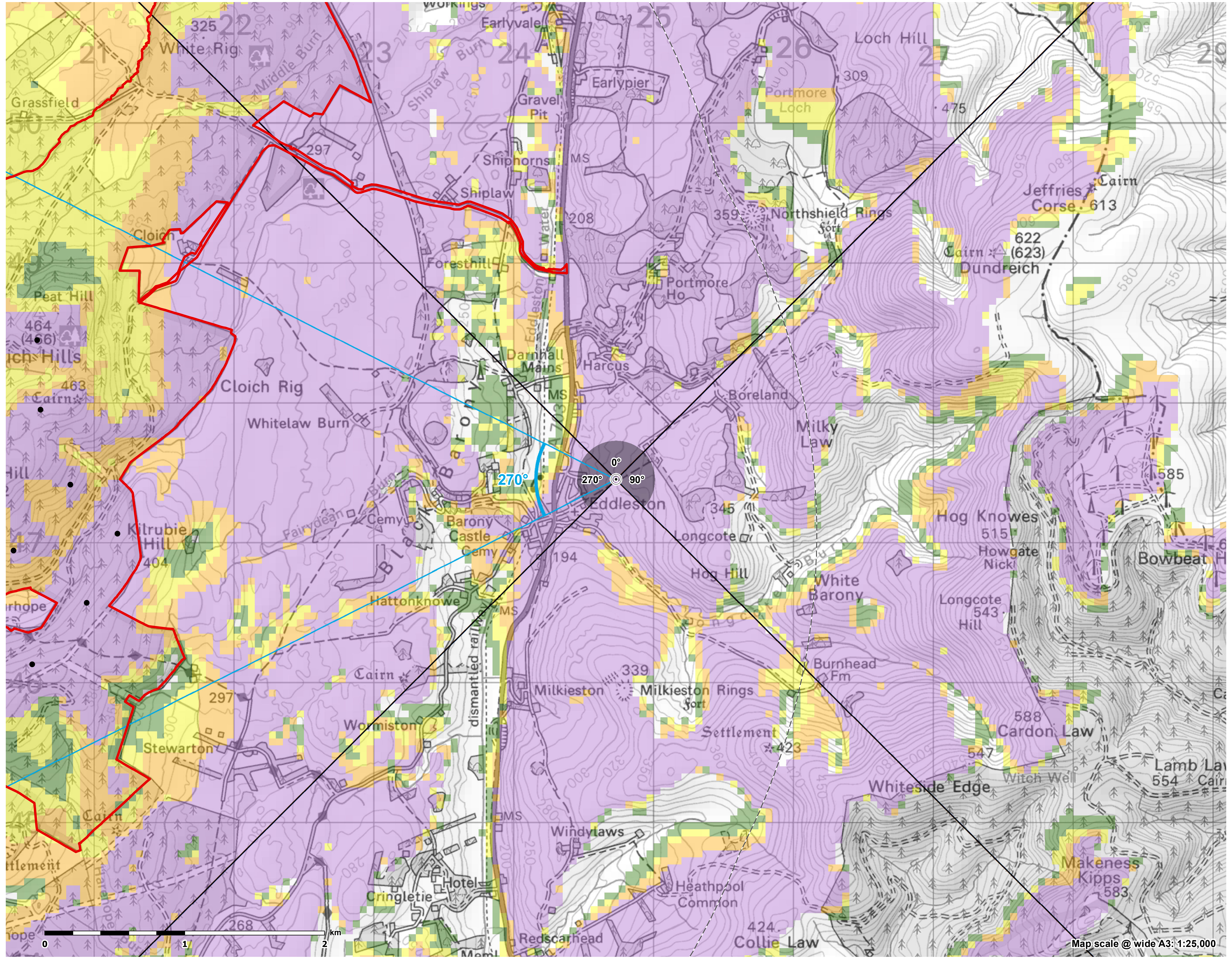
Cloich

Figure: 5.2.5c

Viewpoint 5: Meldon Valley


Cumulative wind farms
● Operational
● Under construction
● Consented
● Appeal/Public inquiry
● Application submitted
Pearie Law
Harburnhead
Camilty
Muirhall
Muirhall Extension
Muirhall South
Carcant
Bowbeat
Glenkerie
Glenkerie Extension
EDINBURGH
5km
10km
15km
20km
25km
30km
35km
40km
0
10
20
km
Map scale @ wide A3: 1:315,000

Contains Ordnance Survey data © Crown copyright and database right 2021


0°
90°
270°
Eddleston
Cloich Rig
Whitelaw Burn
Barony Castle
Milkieston Rings
Hog Knowes
Bowbeat Hill
0
1
2
km
Map scale @ wide A3: 1:25,000

CB:EL EB:lendak_e LUC FIG5-2x_r1_10801_VPoverviews 04/06/2021
Source: EDF, LUC

▭	Site boundary
●	Turbine location
▭	5km intervals from outermost turbines
▭	40km study area
⊙	Viewpoint

Theoretical turbine tip visibility

🟩	1-3 Turbines are visible
🟨	4-6 Turbines are visible
🟧	7-9 Turbines are viible
🟪	10-12 Turbines are visible
V	53.5° Field of view
V	90° Field of view

Notes

Cumulative wind farms based on information available to LUC on 09/02/2021.

The ZTV is calculated to turbine tip height (149.9 m) from a viewing height of 2 m above ground level. The terrain model assumes bare ground and is derived from OS Terrain 50 height data (obtained from Ordnance Survey in July 2019).
Earth curvature and atmospheric refraction have been taken into account.
The ZTV was calculated using ArcMap 10.5.1 software.

NORTH

Produced By: EL	Ref: Pr No.-REP-Dr. No.
Checked By: LC	Date: 04/06/2021

Viewpoint 6:
Core Path 154 near Eddleston
Figure 5.2.6

Cloich Forest Wind Farm
EIA Report

Baseline photograph
This image provides landscape and visual context only

Wireline drawing
Extent of central 50mm frame used to construct panorama
Extent of 53.5° planar panorama
Cloich
W
230
240
250
260
270
280
290
300
310

LUC

OS reference: 324732E 647452N
AOD: 251 m
Direction of view: 270°
Nearest turbine: 3.58 km

Horizontal field of view: 90° (cylindrical projection)
Principal distance: 522 mm
Paper size: 841 x 297 mm (half A1)
Correct printed image size: 820 x 260 mm

Camera: Nikon D600
Lens: 50mm Fixed Focal Length
Camera height: 1.5 m

Photography Date: 04/02/2020
Photography Time: 10:10

Wind Farm Developments key (by status):
- Proposed scheme
- Operational
- Under construction
- Consented
- Application
- Scoping
- Appeal/PLI

Cloich

Figure: 5.2.6a

Viewpoint 6: Core Path 154 near Eddleston

Baseline photograph

This image provides landscape and visual context only

Wireline drawing

320
330
340
350
N
000
010
020
030
040

OS reference: 324732E 647452N
AOD: 251 m
Direction of view: 0°
Nearest turbine: 3.58 km

Horizontal field of view: 90° (cylindrical projection)
Principal distance: 522 mm
Paper size: 841 x 297 mm (half A1)
Correct printed image size: 820 x 260 mm

Camera: Nikon D600
Lens: 50mm Fixed Focal Length
Camera height: 1.5 m

Photography Date: 04/02/2020
Photography Time: 10:10

Wind Farm Developments key (by status):
- Proposed scheme
- Operational
- Under construction
- Consented
- Application
- Scoping
- Appeal/PLI

Cloich

Figure: 5.2.6b

Viewpoint 6: Core Path 154 near Eddleston

Baseline photograph
This image provides landscape and visual context only

Wireline drawing
Bowbeat
050
060
070
080
E
090
100
110
120
130

LUC

OS reference:	324732E 647452N
AOD:	251 m
Direction of view:	90°
Nearest turbine:	3.58 km

Horizontal field of view:	90° (cylindrical projection)
Principal distance:	522 mm
Paper size:	841 x 297 mm (half A1)
Correct printed image size:	820 x 260 mm

Camera:	Nikon D600
Lens:	50mm Fixed Focal Length
Camera height:	1.5 m

Photography Date:	04/02/2020
Photography Time:	10:10

Wind Farm Developments key (by status):

Proposed scheme
Operational
Under construction
Consented
Application
Scoping
Appeal/PLI

Cloich

Figure: 5.2.6c

Viewpoint 6: Core Path 154 near Eddleston

3
2
4
7
5
1
9
6
8
11
10
12
Wireline drawing
View flat at a comfortable arm's length

OS reference:	324732E 647452N
AOD:	251 m
Direction of view:	270°
Nearest turbine:	3.58 km

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

Wind Farm Developments key (by status):

Proposed scheme
Operational
Under construction

Cloich

Figure: 5.2.6d

Viewpoint 6: Core Path 154 near Eddleston

Photomontage
View flat at a comfortable arm's length

LUC

OS reference: 324732E 647452N
AOD: 251 m
Direction of view: 270°
Nearest turbine: 3.58 km

Horizontal field of view: 53.5° (planar projection)
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: 50mm Fixed Focal Length
Camera height: 1.5 m

Photography Date: 04/02/2020
Photography Time: 10:10

Cloich

Figure: 5.2.6e

Viewpoint 6: Core Path 154 near Eddleston

Cumulative wind farms
Operational
Under construction
Consented
Appeal/Public inquiry
Application submitted
Pearie Law
Harburnhead
Camilty
Muirhall
Muirhall Extension
Muirhall South
Carcant
Bowbeat
Glenkerie
Glenkerie Extension
EDINBURGH
5km
10km
15km
20km
25km
30km
35km
40km
0
10
20
km
Map scale @ wide A3: 1:315,000
110°
200°
Spylaw Cott
Wester Deans
Cowdenburn
Lamancha
Blinkbonny
Ruddenleys
White Rig
Grassfield
Noblehouse
Whitmuir
Parkend
Macbiehill
Sunnyside
Lower Grange
Madrissa Fm
Whim Fm
Whim Hall
Whim Pond
Blaircochrane
Leadburn
Rosemay
Rosehill
Harlaw Muir
Deepsyke Forest
Millennium Fm
Easter Deans
Nether Falla
Cowieslinn
Spurlens Rig
Scarce Rig
Craigburn
Westloch
Waterheads
Earlyvale
Earlypier
Shiplaw
Shiphorns
Halmyre Mains
Kelly Heads
Cloich
Forestihill
Portmore
Northshield
0
1
2
km
Map scale @ wide A3: 1:25,000

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CB:EL EB:lendak_e LUC FIG5-2x_r1_10801_VPoverviews 04/06/2021
Source: EDF, LUC

EDF renewables

LUC

ARCUS

- 🟥 Site boundary
- ● Turbine location
- ⬚ 5km intervals from outermost turbines
- ⬚ 40km study area
- ⊙ Viewpoint

Theoretical turbine tip visibility

- 🟩 1-3 Turbines are visible
- 🟨 4-6 Turbines are visible
- 🟧 7-9 Turbines are viible
- 🟪 10-12 Turbines are visible
- V 53.5° Field of view
- V 90° Field of view

Notes

Cumulative wind farms based on information available to LUC on 09/02/2021.

The ZTV is calculated to turbine tip height (149.9 m) from a viewing height of 2 m above ground level. The terrain model assumes bare ground and is derived from OS Terrain 50 height data (obtained from Ordnance Survey in July 2019).
Earth curvature and atmospheric refraction have been taken into account.
The ZTV was calculated using ArcMap 10.5.1 software.

NORTH

Produced By: EL	Ref: Pr No.-REP-Dr. No.
Checked By: LC	Date: 04/06/2021

Viewpoint 7:
Minor Road near Spylaw and Wester Deans
Figure 5.2.7

Cloich Forest Wind Farm
EIA Report

Baseline photograph

This image provides landscape and visual context only

Wireline drawing

Keith Hill
Dun Law
Pogbie
Fallago Rig
Sowbeat
070
080
E
090
100
110
120
130
140
150

LUC

OS reference: 322064E 652223N
AOD: 295 m
Direction of view: 110°
Nearest turbine: 3.82 km

Horizontal field of view: 90° (cylindrical projection)
Principal distance: 522 mm
Paper size: 841 x 297 mm (half A1)
Correct printed image size: 820 x 260 mm

Camera: Nikon D600
Lens: 50mm Fixed Focal Length
Camera height: 1.5 m

Photography Date: 20/05/2020
Photography Time: 13:20

Wind Farm Developments key (by status):

- Proposed scheme
- Operational
- Under construction
- Consented
- Application
- Scoping
- Appeal/PLI

Cloich

Figure: 5.2.7a

Viewpoint 7: Minor Road near Spylaw and Wester Deans

Baseline photograph
This image provides landscape and visual context only

Wireline drawing
Extent of central 50mm frame used to construct panorama
Extent of 53.5° planar panorama
Cloich
S
160
170
180
190
200
210
220
230
240

LUC

OS reference: 322064E 652223N
AOD: 295 m
Direction of view: 200°
Nearest turbine: 3.82 km

Horizontal field of view: 90° (cylindrical projection)
Principal distance: 522 mm
Paper size: 841 x 297 mm (half A1)
Correct printed image size: 820 x 260 mm

Camera: Nikon D600
Lens: 50mm Fixed Focal Length
Camera height: 1.5 m

Photography Date: 20/05/2020
Photography Time: 13:20

Wind Farm Developments key (by status):
- Proposed scheme
- Operational
- Under construction
- Consented
- Application
- Scoping
- Appeal/PLI

Cloich

Figure: 5.2.7b

Viewpoint 7: Minor Road near Spylaw and Wester Deans

5
4
3
9
7
8
10
1
6
11
12

Wireline drawing

View flat at a comfortable arm's length

LUC

OS reference:	322064E 652223N	Horizontal field of view:	53.5° (planar projection)
AOD:	295 m	Principal distance:	812.5 mm
Direction of view:	200°	Paper size:	841 x 297 mm (half A1)
Nearest turbine:	3.82 km	Correct printed image size:	820 x 260 mm

Wind Farm Developments key (by status):

- Proposed scheme
- Operational
- Under construction

Cloich

Figure: 5.2.7c

Viewpoint 7: Minor Road near Spylaw and Wester Deans

Photomontage
View flat at a comfortable arm's length

LUC

OS reference: 322064E 652223N
AOD: 295 m
Direction of view: 200°
Nearest turbine: 3.82 km

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

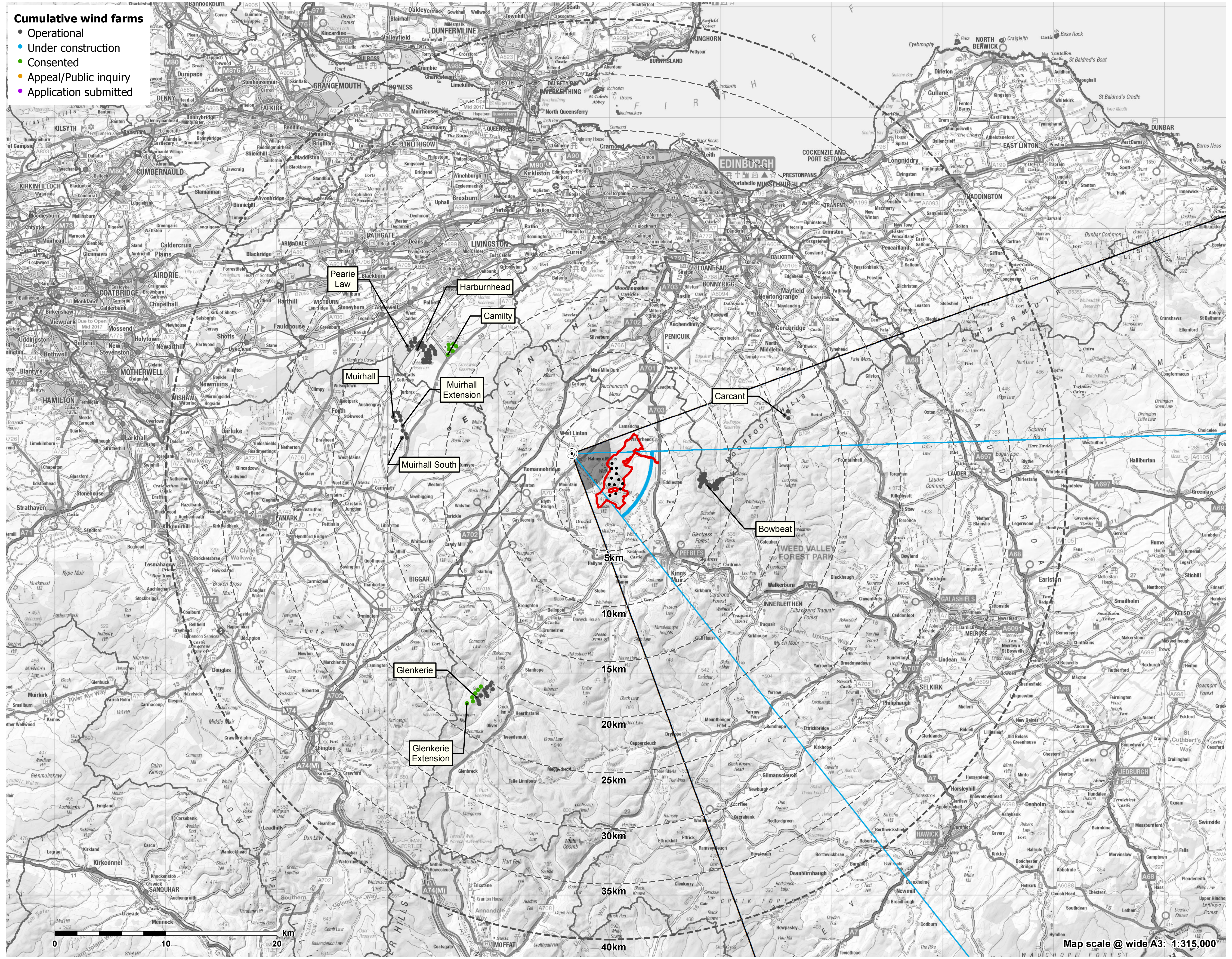
Camera: Nikon D600
Lens: 50mm Fixed Focal Length
Camera height: 1.5 m

Photography Date: 20/05/2020
Photography Time: 13:20

Cloich

Figure: 5.2.7d

Viewpoint 7: Minor Road near Spylaw and Wester Deans


Cumulative wind farms
Operational
Under construction
Consented
Appeal/Public inquiry
Application submitted
Pearie Law
Harburnhead
Camilty
Muirhall
Muirhall Extension
Muirhall South
Carcant
Bowbeat
Glenkerie
Glenkerie Extension
EDINBURGH
5km
10km
15km
20km
25km
30km
35km
40km
0
10
20
km
Map scale @ wide A3: 1:315,000

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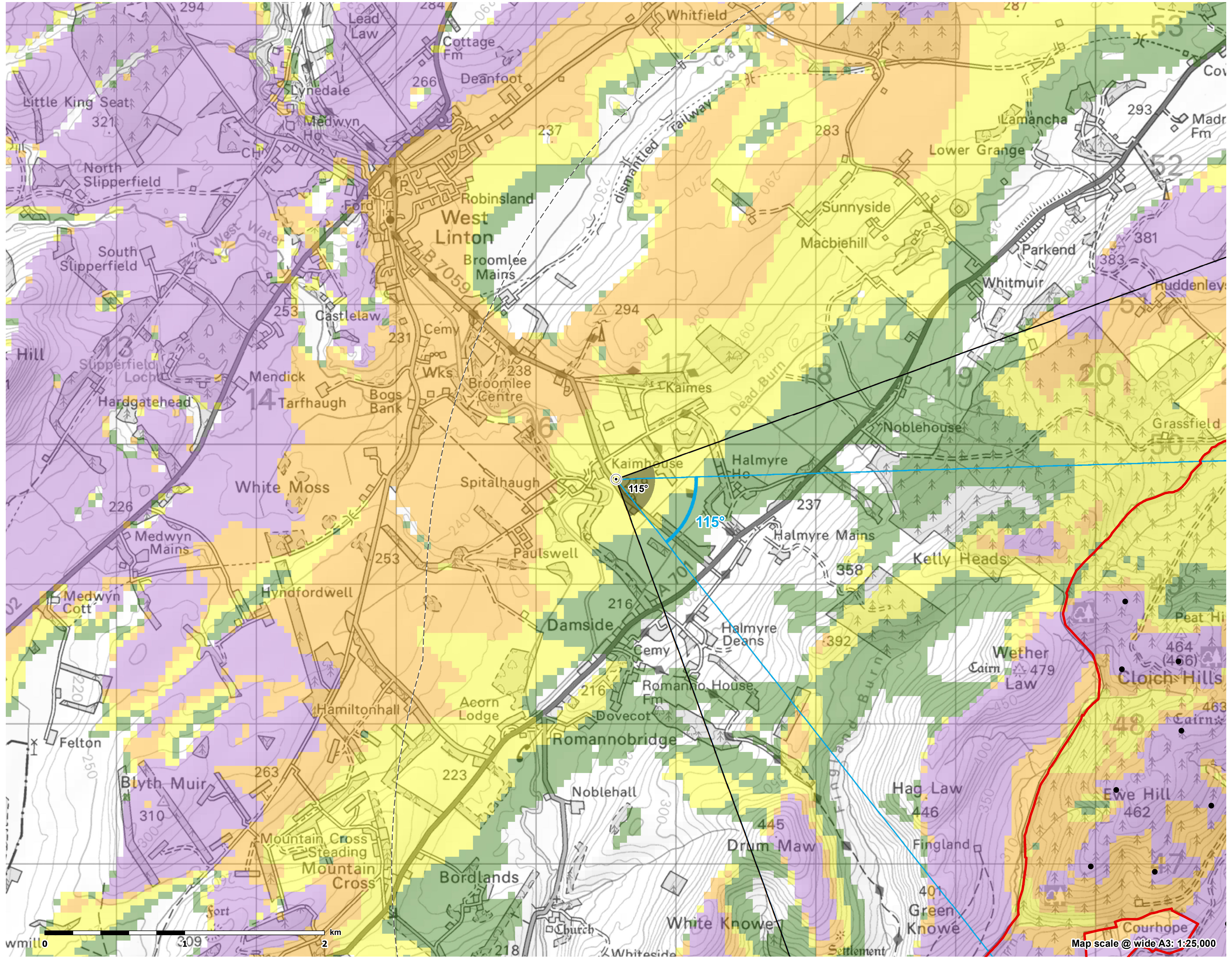

West Linton
Kaimeshouse
Halmyre
115°
Romannobridge
Cloich Hills
Wether Law
0
2
km
Map scale @ wide A3: 1:25,000

CB:EL EB:lendak_e LUC FIG5-2x_r1_10801_VPoverviews 04/06/2021
Source: EDF, LUC

edf renewables

LUC

ARCUS

🟥 Site boundary
● Turbine location
5km intervals from outermost turbines
40km study area
⊙ Viewpoint

Theoretical turbine tip visibility

🟩 1-3 Turbines are visible
🟨 4-6 Turbines are visible
🟧 7-9 Turbines are viible
🟪 10-12 Turbines are visible

53.5° Field of view
90° Field of view

Notes
Cumulative wind farms based on information available to LUC on 09/02/2021.

The ZTV is calculated to turbine tip height (149.9 m) from a viewing height of 2 m above ground level. The terrain model assumes bare ground and is derived from OS Terrain 50 height data (obtained from Ordnance Survey in July 2019).
Earth curvature and atmospheric refraction have been taken into account.
The ZTV was calculated using ArcMap 10.5.1 software.

NORTH

Produced By: EL	Ref: Pr No.-REP-Dr. No.
Checked By: LC	Date: 04/06/2021

Viewpoint 8:
B7059 between Boghouse and Kaimeshouse
Figure 5.2.8

Cloich Forest Wind Farm
EIA Report

Baseline photograph
This image provides landscape and visual context only

Wireline drawing
Extent of central 50mm frame used to construct panorama
Extent of 53.5° planar panorama
Cloich
E
70
080
090
100
110
120
130
140
150
16

OS reference: 316572E 649749N
AOD: 220 m
Direction of view: 115°
Nearest turbine: 3.74 km

Horizontal field of view: 90° (cylindrical projection)
Principal distance: 522 mm
Paper size: 841 x 297 mm (half A1)
Correct printed image size: 820 x 260 mm

Camera: Nikon D750
Lens: 50mm Fixed Focal Length
Camera height: 1.5 m

Photography Date: 18/09/2020
Photography Time: 14:50

Wind Farm Developments key (by status):
- Proposed scheme
- Operational
- Under construction
- Consented
- Application
- Scoping
- Appeal/PLI

Cloich

Figure: 5.2.8a

Viewpoint 8: B7059 between Boghouse and Kaimeshouse

Wireline drawing

View flat at a comfortable arm’s length

LUC

OS reference:	316572E 649749N
AOD:	220 m
Direction of view:	115°
Nearest turbine:	3.74 km

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

Wind Farm Developments key (by status):	Proposed scheme Operational Under construction

Cloich

Figure: 5.2.8b

Viewpoint 8: B7059 between Boghouse and Kaimeshouse

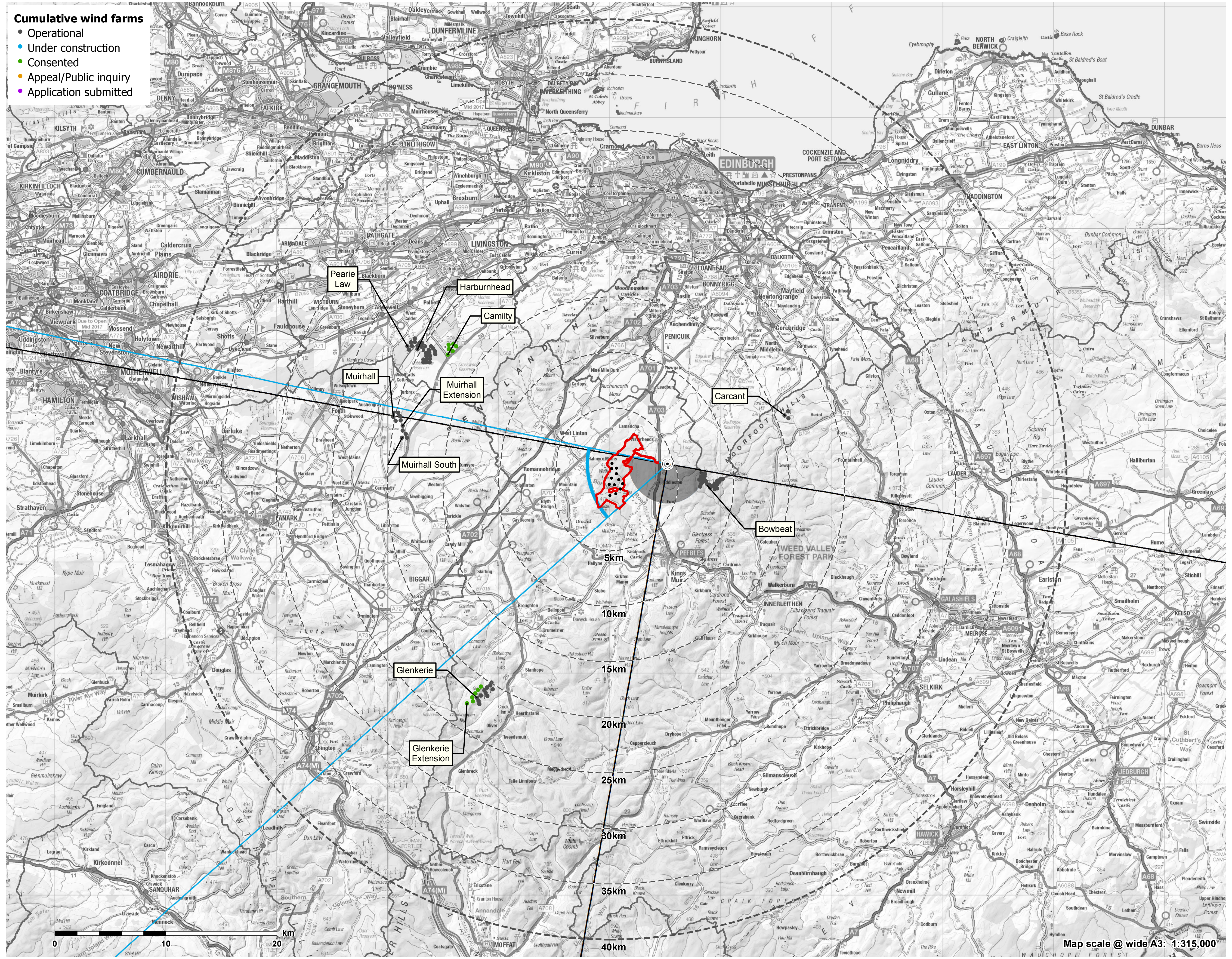
Photomontage
View flat at a comfortable arm’s length

OS reference:	316572E 649749N	Horizontal field of view:	53.5° (planar projection)	Camera:	Nikon D750	Photography Date:	18/09/2020
AOD:	220 m	Principal distance:	812.5 mm	Lens:	50mm Fixed Focal Length	Photography Time:	14:50
Direction of view:	115°	Paper size:	841 x 297 mm (half A1)	Camera height:	1.5 m		
Nearest turbine:	3.74 km	Correct printed image size:	820 x 260 mm				

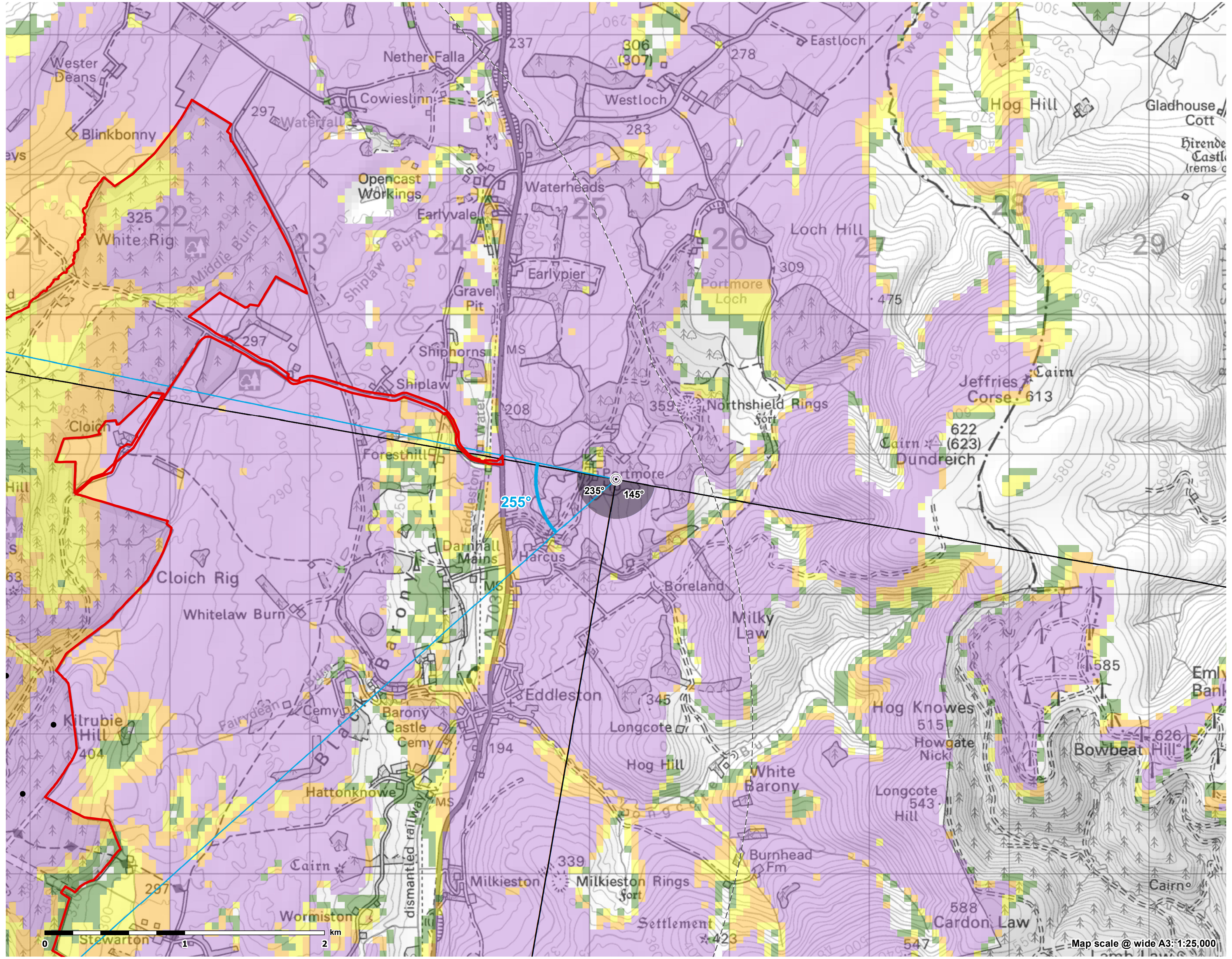
Cloich

Figure: 5.2.8c

Viewpoint 8: B7059 between Boghouse and Kaimeshouse


Cumulative wind farms
Operational
Under construction
Consented
Appeal/Public inquiry
Application submitted
Pearie Law
Harburnhead
Camilty
Muirhall
Muirhall Extension
Muirhall South
Carcant
Bowbeat
Glenkerie
Glenkerie Extension
EDINBURGH
5km
10km
15km
20km
25km
30km
35km
40km
0
10
20
km
Map scale @ wide A3: 1:315,000

Contains Ordnance Survey data © Crown copyright and database right 2021


Nether Falla
Westloch
Eastloch
Blinkbonny
White Rig
Cowieslinn
Waterheads
Loch Hill
Opencast Workings
Earlyvale
Earlypier
Portmore Loch
Hog Hill
Gladhouse Cott
Shiphorns
Shiplaw
Northshield Rings
Jeffries Corse
Cairn
Dundreich
Cloich
Foresthill
Portmore
Darnhall Mains
Harcus
Boreland
Milky Law
Cloich Rig
Whitelaw Burn
Eddleston
Longcote
Hog Knowes
Howgate Nick
Barony Castle
Hog Hill
White Barony
Longcote Hill
Kilrubie Hill
Hattonknowe
Bowbeat Hill
Burnhead Fm
Cairn
Milkieston
Milkieston Rings
Wormiston
Stewarton
Settlement
Cardon Law
Emly Bank
255°
235°
145°
0
1
2
km
Map scale @ wide A3: 1:25,000

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CB:EL EB:lendak_e LUC FIG5-2x_r1_10801_VPoverviews 04/06/2021
Source: EDF, LUC

EDF renewables

LUC

ARCUS

▭	Site boundary
●	Turbine location
⬚	5km intervals from outermost turbines
⬚	40km study area
⊙	Viewpoint

Theoretical turbine tip visibility

🟩	1-3 Turbines are visible
🟨	4-6 Turbines are visible
🟧	7-9 Turbines are viible
🟪	10-12 Turbines are visible
V	53.5° Field of view
V	90° Field of view

Notes

Cumulative wind farms based on information available to LUC on 09/02/2021.

The ZTV is calculated to turbine tip height (149.9 m) from a viewing height of 2 m above ground level. The terrain model assumes bare ground and is derived from OS Terrain 50 height data (obtained from Ordnance Survey in July 2019).
Earth curvature and atmospheric refraction have been taken into account.
The ZTV was calculated using ArcMap 10.5.1 software.

NORTH

Produced By: EL	Ref: Pr No.-REP-Dr. No.
Checked By: LC	Date: 04/06/2021

Viewpoint 9:
Portmore House
Figure 5.2.9

Cloich Forest Wind Farm
EIA Report

Baseline photograph
This image provides landscape and visual context only

Wireline drawing
Bowbeat
00
110
120
130
140
150
160
170
S
180
19

LUC

OS reference: 325190E 648820N
AOD: 273 m
Direction of view: 145°
Nearest turbine: 4.39 km

Horizontal field of view: 90° (cylindrical projection)
Principal distance: 522 mm
Paper size: 841 x 297 mm (half A1)
Correct printed image size: 820 x 260 mm

Camera: Nikon D600
Lens: 50mm Fixed Focal Length
Camera height: 1.5 m

Photography Date: 18/03/2020
Photography Time: 11:25

Wind Farm Developments key (by status):

- Proposed scheme
- Operational
- Under construction
- Consented
- Application
- Scoping
- Appeal/PLI

Cloich

Figure: 5.2.9a

Viewpoint 9: Portmore House

Baseline photograph
This image provides landscape and visual context only

Wireline drawing
Extent of central 50mm frame used to construct panorama
Extent of 53.5° planar panorama
Clyde
Glenkerie Extension
Cloich
90
200
210
220
230
240
250
260
W
270
28

OS reference: 325190E 648820N
AOD: 273 m
Direction of view: 235°
Nearest turbine: 4.39 km

Horizontal field of view: 90° (cylindrical projection)
Principal distance: 522 mm
Paper size: 841 x 297 mm (half A1)
Correct printed image size: 820 x 260 mm

Camera: Nikon D600
Lens: 50mm Fixed Focal Length
Camera height: 1.5 m

Photography Date: 18/03/2020
Photography Time: 11:25

Wind Farm Developments key (by status):

Proposed scheme
Operational
Under construction
Consented
Application
Scoping
Appeal/PLI

Cloich

Figure: 5.2.9b

Viewpoint 9: Portmore House

3
2
4
5
7
1
9
6
8
11
10
12

Wireline drawing

View flat at a comfortable arm's length

LUC

OS reference:	325190E 648820N
AOD:	273 m
Direction of view:	255°
Nearest turbine:	4.39 km

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

Wind Farm Developments key
(by status):

Proposed scheme
Operational
Under construction

Cloich
Figure: 5.2.9c
Viewpoint 9: Portmore House

Photomontage

View flat at a comfortable arm's length

OS reference: 325190E 648820N
AOD: 273 m
Direction of view: 255°
Nearest turbine: 4.39 km

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

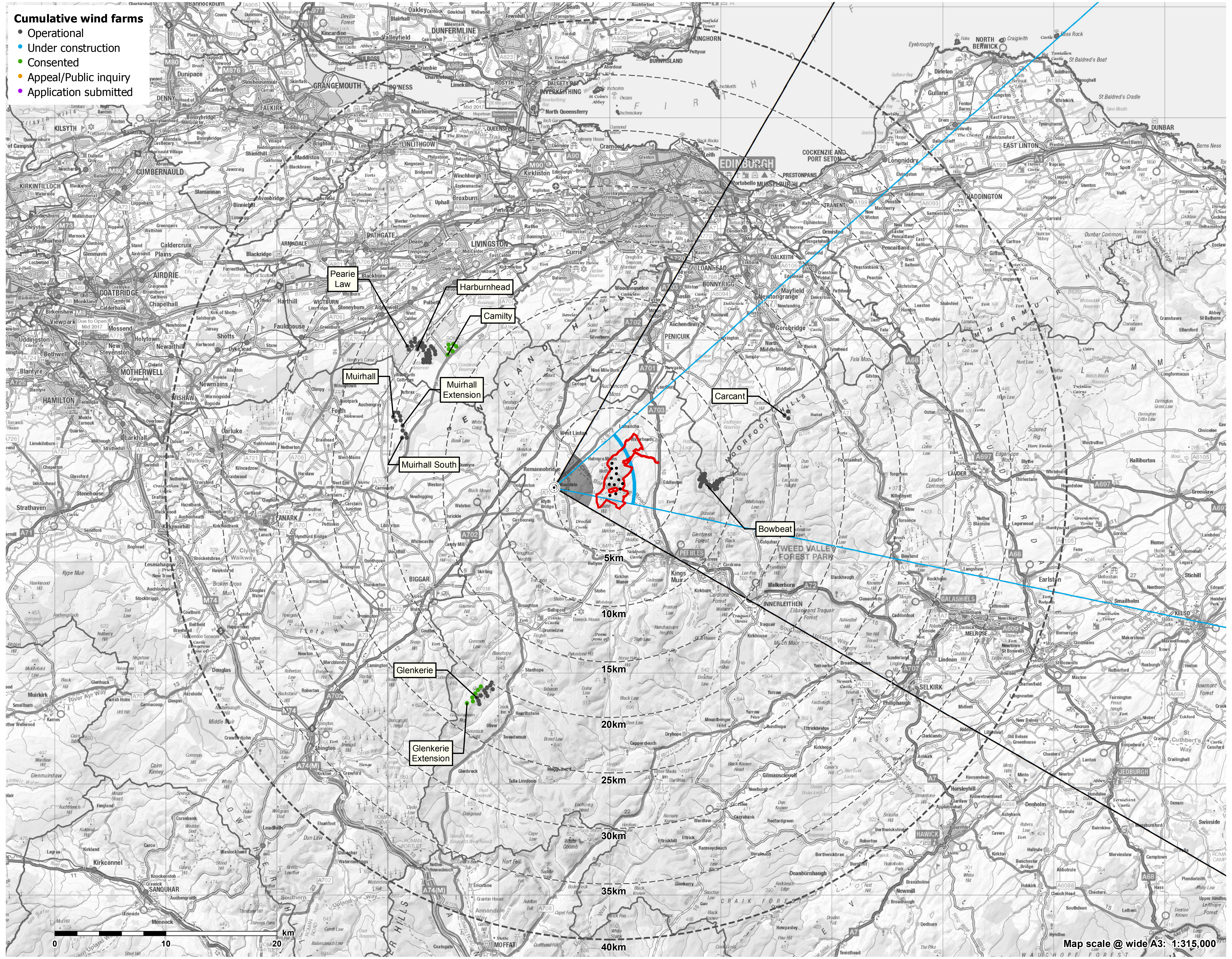
Camera: Nikon D600
Lens: 50mm Fixed Focal Length
Camera height: 1.5 m

Photography Date: 18/03/2020
Photography Time: 11:25

Cloich

Figure: 5.2.9d

Viewpoint 9: Portmore House


Cumulative wind farms
● Operational
● Under construction
● Consented
● Appeal/Public inquiry
● Application submitted
Pearie Law
Harburnhead
Camilty
Muirhall
Muirhall Extension
Muirhall South
Carcant
Bowbeat
Glenkerie
Glenkerie Extension
5km
10km
15km
20km
25km
30km
35km
40km
0
10
20
km
Map scale @ wide A3: 1:315,000

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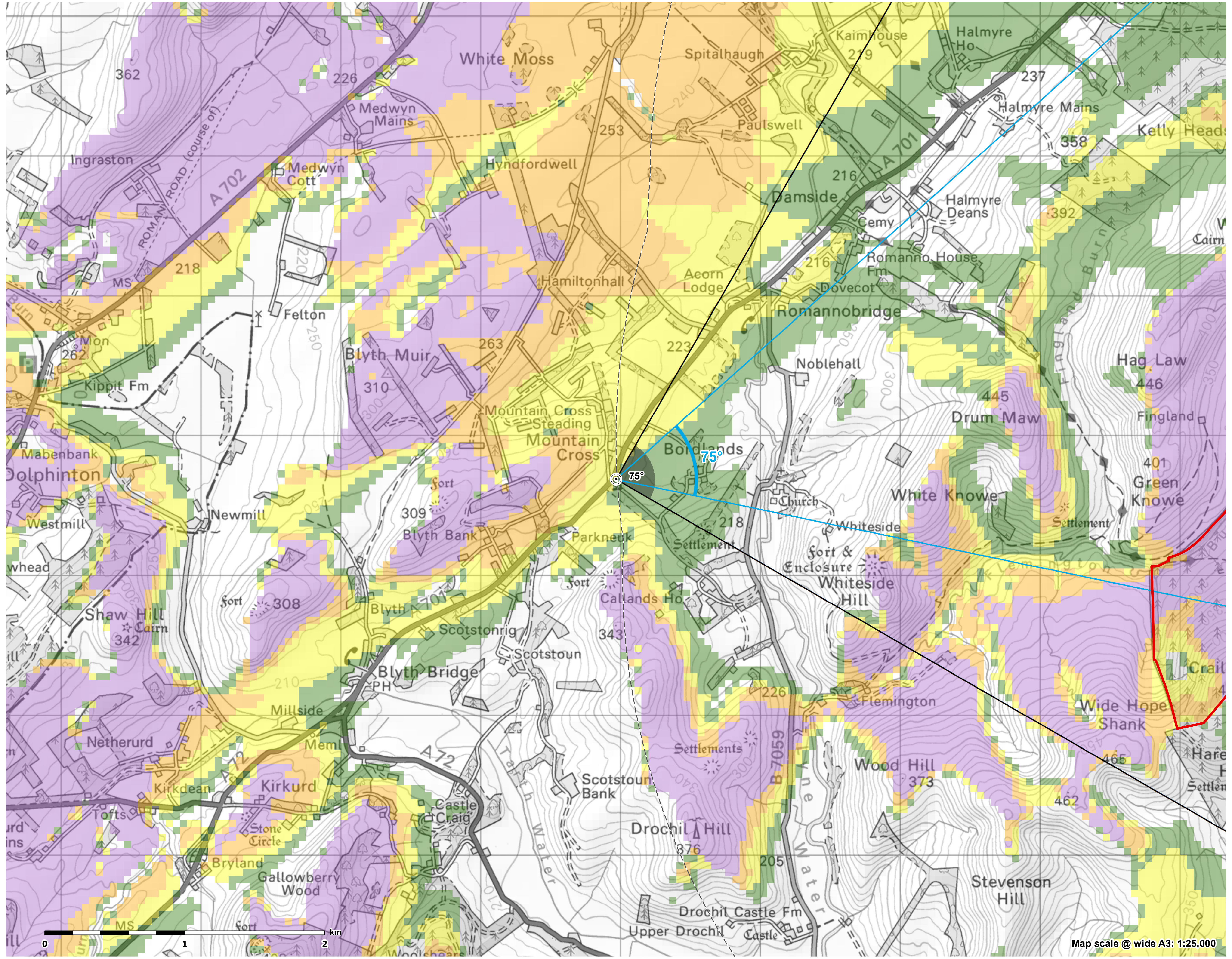
75°
75°
0
1
2
km
Map scale @ wide A3: 1:25,000

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CB:EL EB:lendak_e LUC FIG5-2x_r1_10801_VPoverviews 04/06/2021
Source: EDF, LUC

edf renewables

LUC

ARCUS

🟥 Site boundary
● Turbine location
☐ 5km intervals from outermost turbines
☐ 40km study area
⊙ Viewpoint

Theoretical turbine tip visibility

🟩 1-3 Turbines are visible
🟨 4-6 Turbines are visible
🟧 7-9 Turbines are viible
🟪 10-12 Turbines are visible

∨ 53.5° Field of view
∨ 90° Field of view

Notes
Cumulative wind farms based on information available to LUC on 09/02/2021.

The ZTV is calculated to turbine tip height (149.9 m) from a viewing height of 2 m above ground level. The terrain model assumes bare ground and is derived from OS Terrain 50 height data (obtained from Ordnance Survey in July 2019).
Earth curvature and atmospheric refraction have been taken into account.
The ZTV was calculated using ArcMap 10.5.1 software.

NORTH

Produced By: EL	Ref: Pr No.-REP-Dr. No.
Checked By: LC	Date: 04/06/2021

Viewpoint 10:
A701 Mountain Cross
Figure 5.2.10

Cloich Forest Wind Farm
EIA Report

Baseline photograph
This image provides landscape and visual context only

Wireline drawing
Extent of central 50mm frame used to construct panorama
Extent of 53.5° planar panorama
Cloich
30
040
050
060
070
080
E
090
100
110
12

LUC

OS reference:	314968E 646687N
AOD:	240 m
Direction of view:	75°
Nearest turbine:	5 km

Horizontal field of view:	90° (cylindrical projection)
Principal distance:	522 mm
Paper size:	841 x 297 mm (half A1)
Correct printed image size:	820 x 260 mm

Camera:	Nikon D600
Lens:	50mm Fixed Focal Length
Camera height:	1.5 m

Photography Date:	20/05/2020
Photography Time:	12:00

Wind Farm Developments key (by status):

Proposed scheme	Application
Operational	Scoping
Under construction	Appeal/PLI
Consented	

Cloich

Figure: 5.2.10a

Viewpoint 10: A701 Mountain Cross

12
11
10
1
Wireline drawing
View flat at a comfortable arm's length

OS reference:	314968E 646687N
AOD:	240 m
Direction of view:	75°
Nearest turbine:	5 km

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

Wind Farm Developments key (by status):
- Proposed scheme
- Operational
- Under construction

Cloich

Figure: 5.2.10b

Viewpoint 10: A701 Mountain Cross

Photomontage
View flat at a comfortable arm’s length

LUC

OS reference: 314968E 646687N
AOD: 240 m
Direction of view: 75°
Nearest turbine: 5 km

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

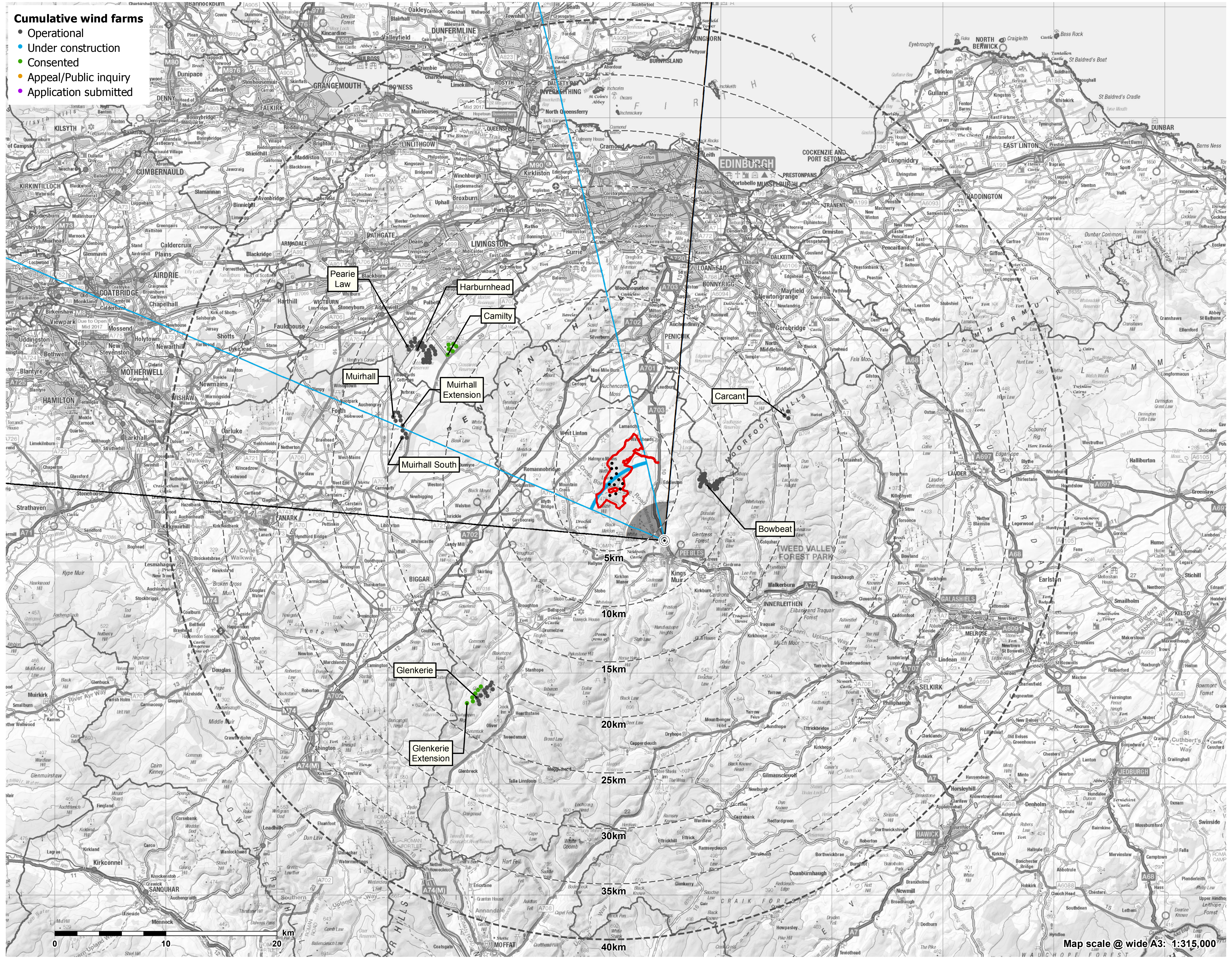
Camera: Nikon D600
Lens: 50mm Fixed Focal Length
Camera height: 1.5 m

Photography Date: 20/05/2020
Photography Time: 12:00

Cloich

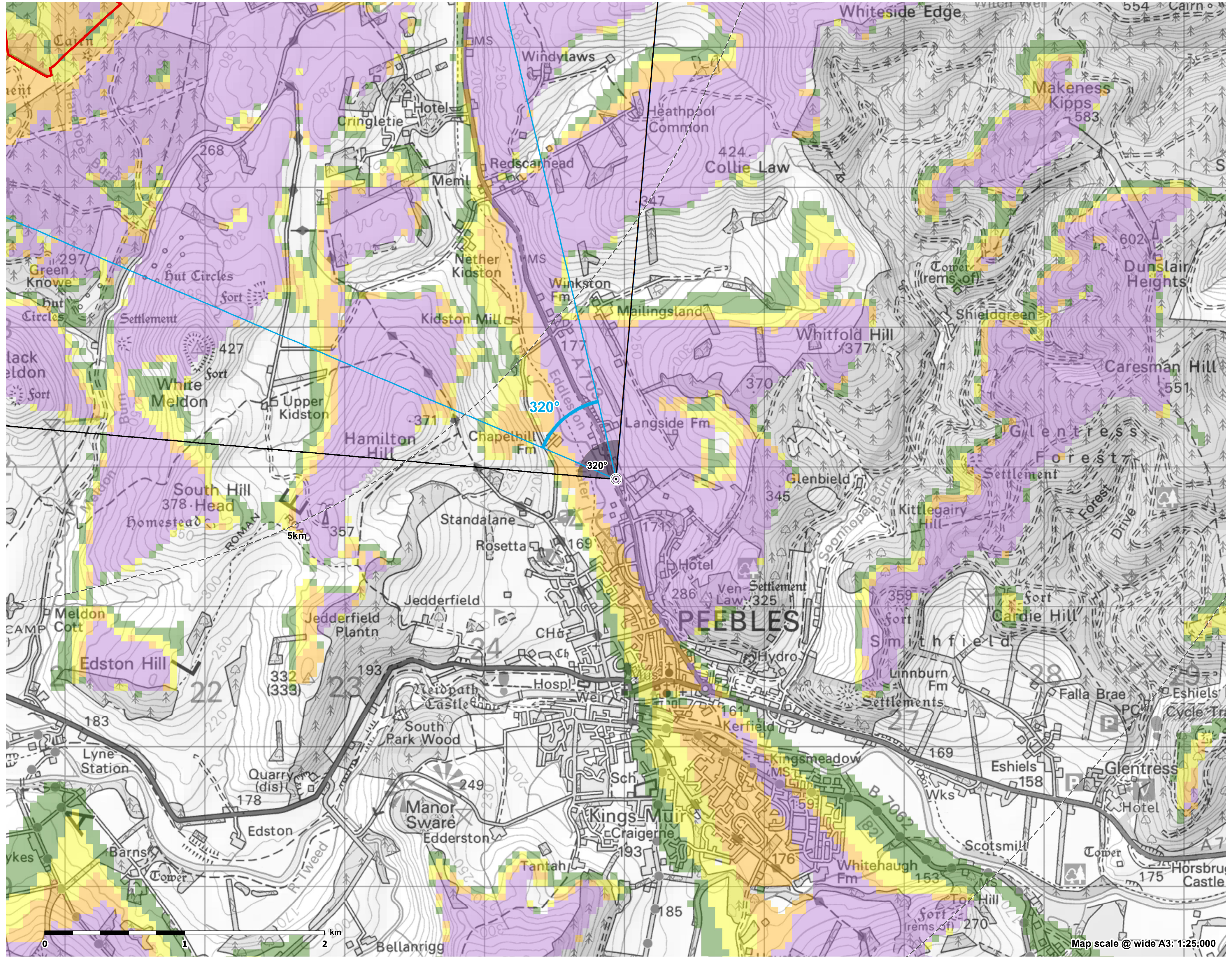
Figure: 5.2.10c

Viewpoint 10: A701 Mountain Cross



Cumulative wind farms
● Operational
● Under construction
● Consented
● Appeal/Public inquiry
● Application submitted
Pearie Law
Harburnhead
Camilty
Muirhall
Muirhall Extension
Muirhall South
Carcant
Bowbeat
Glenkerie
Glenkerie Extension
5km
10km
15km
20km
25km
30km
35km
40km
0
10
20
km
Map scale @ wide A3: 1:315,000

Contains Ordnance Survey data © Crown copyright and database right 2021



320°
320°
5km
PEEBLES
0
1
2
km
Map scale @ wide A3: 1:25,000

CB:EL EB:lendak_e LUC FIG5-2x_r1_10801_VPoverviews 04/06/2021
Source: EDF, LUC

edf renewables

LUC

ARCUS

🟥 Site boundary
● Turbine location
5km intervals from outermost turbines
40km study area
☉ Viewpoint

Theoretical turbine tip visibility

🟩 1-3 Turbines are visible
🟨 4-6 Turbines are visible
🟧 7-9 Turbines are viible
🟪 10-12 Turbines are visible

53.5° Field of view
90° Field of view

Notes
Cumulative wind farms based on information available to LUC on 09/02/2021.

The ZTV is calculated to turbine tip height (149.9 m) from a viewing height of 2 m above ground level. The terrain model assumes bare ground and is derived from OS Terrain 50 height data (obtained from Ordnance Survey in July 2019).
Earth curvature and atmospheric refraction have been taken into account.
The ZTV was calculated using ArcMap 10.5.1 software.

NORTH

Produced By: EL	Ref: Pr No.-REP-Dr. No.
Checked By: LC	Date: 04/06/2021

Viewpoint 11:
A703 near Langside Farm
Figure 5.2.11

Cloich Forest Wind Farm
EIA Report

Baseline photograph
This image provides landscape and visual context only

Wireline drawing
Extent of central 50mm frame used to construct panorama
Extent of 53.5° planar panorama
Cloich
280
290
300
310
320
330
340
350
N
000

OS reference: 324940E 641911N
AOD: 172 m
Direction of view: 320°
Nearest turbine: 6.08 km

Horizontal field of view: 90° (cylindrical projection)
Principal distance: 522 mm
Paper size: 841 x 297 mm (half A1)
Correct printed image size: 820 x 260 mm

Camera: Nikon D600
Lens: 50mm Fixed Focal Length
Camera height: 1.5 m

Photography Date: 04/02/2020
Photography Time: 11:05

Wind Farm Developments key (by status):

- Proposed scheme
- Operational
- Under construction
- Consented
- Application
- Scoping
- Appeal/PLI

Cloich

Figure: 5.2.11a

Viewpoint 11: A703 near Langside Farm

2
3
1
7
4
6
9
11
5
8
12
10
Wireline drawing
View flat at a comfortable arm's length

OS reference:	324940E 641911N
AOD:	172 m
Direction of view:	320°
Nearest turbine:	6.08 km

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

Wind Farm Developments key (by status):
- Proposed scheme
- Operational
- Under construction

Cloich
Figure: 5.2.11b
Viewpoint 11: A703 near Langside Farm

Photomontage
View flat at a comfortable arm’s length

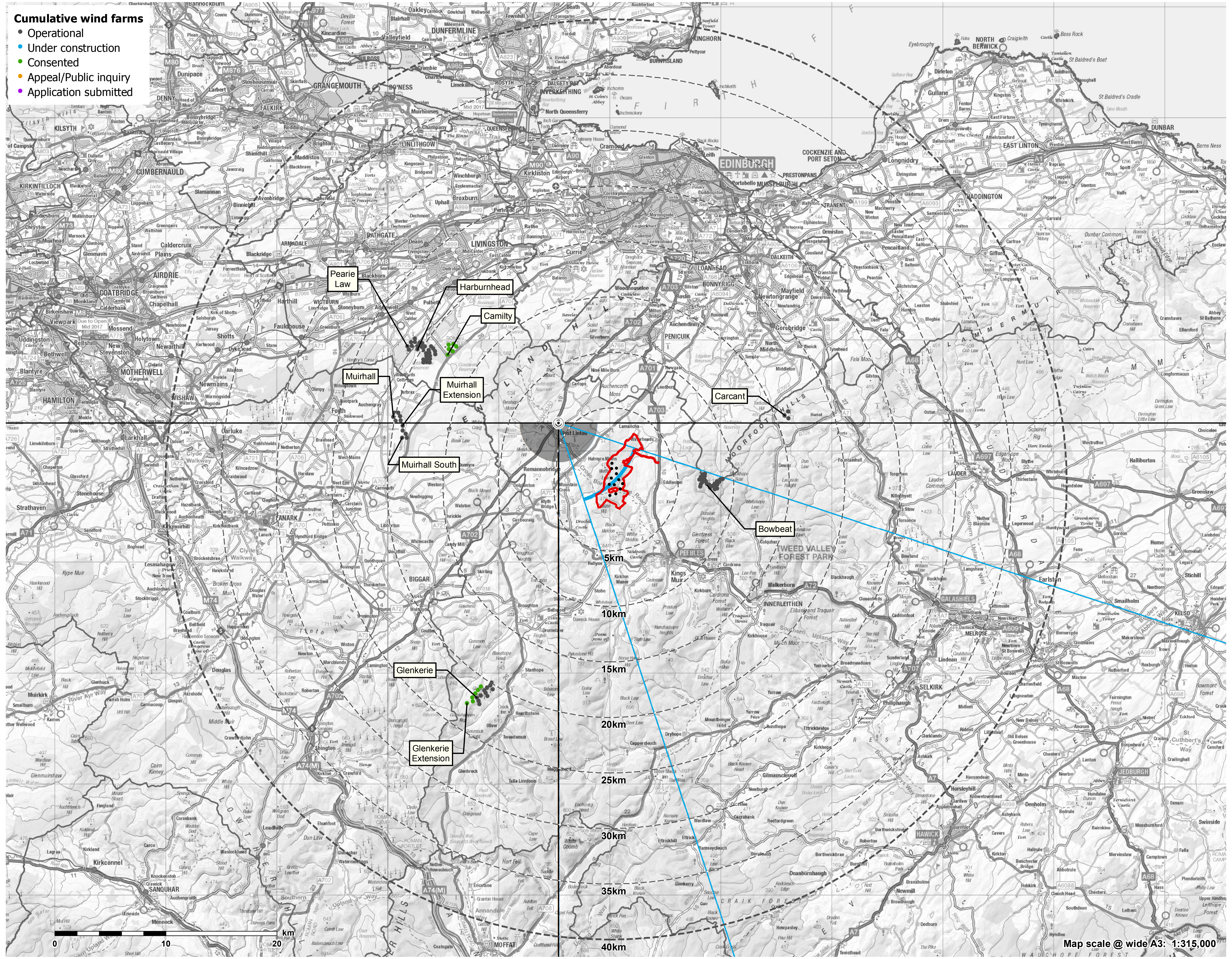
LUC

OS reference:	324940E 641911N	Horizontal field of view:	53.5° (planar projection)	Camera:	Nikon D600	Photography Date:	04/02/2020
AOD:	172 m	Principal distance:	812.5 mm	Lens:	50mm Fixed Focal Length	Photography Time:	11:05
Direction of view:	320°	Paper size:	841 x 297 mm (half A1)	Camera height:	1.5 m		
Nearest turbine:	6.08 km	Correct printed image size:	820 x 260 mm				

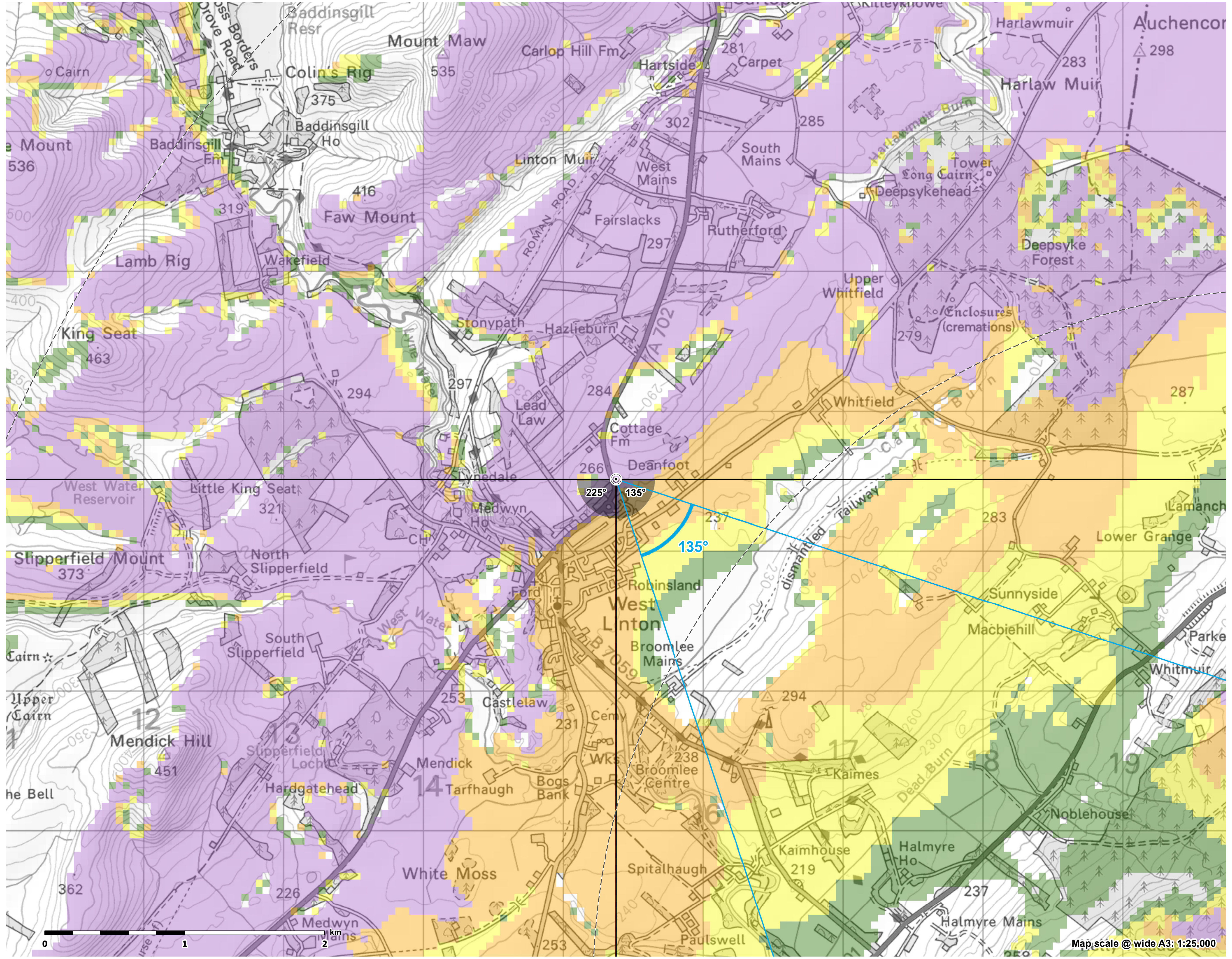
Cloich

Figure: 5.2.11c

Viewpoint 11: A703 near Langside Farm


Cumulative wind farms
Operational
Under construction
Consented
Appeal/Public inquiry
Application submitted
Pearie Law
Harburnhead
Camity
Muirhall
Muirhall Extension
Carcant
Muirhall South
Bowbeat
Glenkerie
Glenkerie Extension
EDINBURGH
5km
10km
15km
20km
25km
30km
35km
40km
0
10
20
km
Map scale @ wide A3: 1:315,000

Contains Ordnance Survey data © Crown copyright and database right 2021


225°
135°
135°
West Linton
Mount Maw
Faw Mount
Lamb Rig
King Seat
Slipperfield Mount
Mendick Hill
White Moss
Carlop Hill
Harlaw Muir
Deepsyke Forest
Macbiehill
Lower Grange
Whitmuir
Noblehouse
Kaimes
Spitalhaugh
0
1
2
km
Map scale @ wide A3: 1:25,000

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CB:EL EB:lendak_e LUC FIG5-2x_r1_10801_VPoverviews 04/06/2021
Source: EDF, LUC

🟥 Site boundary
● Turbine location
5km intervals from outermost turbines
40km study area
⊙ Viewpoint

Theoretical turbine tip visibility

🟩 1-3 Turbines are visible
🟨 4-6 Turbines are visible
🟧 7-9 Turbines are viible
🟪 10-12 Turbines are visible

53.5° Field of view
90° Field of view

Notes
Cumulative wind farms based on information available to LUC on 09/02/2021.

The ZTV is calculated to turbine tip height (149.9 m) from a viewing height of 2 m above ground level. The terrain model assumes bare ground and is derived from OS Terrain 50 height data (obtained from Ordnance Survey in July 2019).
Earth curvature and atmospheric refraction have been taken into account.
The ZTV was calculated using ArcMap 10.5.1 software.

NORTH

Produced By: EL	Ref: Pr No.-REP-Dr. No.
Checked By: LC	Date: 04/06/2021

Viewpoint 12:
A702 approach to West Linton
Figure 5.2.12

Cloich Forest Wind Farm
EIA Report

Baseline photograph

This image provides landscape and visual context only

Wireline drawing

Extent of central 50mm frame used to construct panorama
Extent of 53.5° planar panorama
Bowbeat
Cloich
90
100
110
120
130
140
150
160
170
18

OS reference:	315377E 652513N	Horizontal field of view:	90° (cylindrical projection)	Camera:	Nikon D600	Photography Date:	20/05/2020
AOD:	263 m	Principal distance:	522 mm	Lens:	50mm Fixed Focal Length	Photography Time:	12:50
Direction of view:	135°	Paper size:	841 x 297 mm (half A1)	Camera height:	1.5 m		
Nearest turbine:	6.05 km	Correct printed image size:	820 x 260 mm				

Wind Farm Developments key (by status):

Proposed scheme	Application
Operational	Scoping
Under construction	Appeal/PLI
Consented	

Cloich

Figure: 5.2.12a

Viewpoint 12: A702 approach to West Linton

Baseline photograph
This image provides landscape and visual context only

Wireline drawing
Clyde
S
30
190
200
210
220
230
240
250
260
W
27

OS reference: 315377E 652513N
AOD: 263 m
Direction of view: 225°
Nearest turbine: 6.05 km

Horizontal field of view: 90° (cylindrical projection)
Principal distance: 522 mm
Paper size: 841 x 297 mm (half A1)
Correct printed image size: 820 x 260 mm

Camera: Nikon D600
Lens: 50mm Fixed Focal Length
Camera height: 1.5 m

Photography Date: 20/05/2020
Photography Time: 12:50

Wind Farm Developments key (by status):

- Proposed scheme
- Operational
- Under construction
- Consented
- Application
- Scoping
- Appeal/PLI

Cloich

Figure: 5.2.12b

Viewpoint 12: A702 approach to West Linton

12
10
11
8
9
5
6
7
1
3
2
Wireline drawing
View flat at a comfortable arm's length

OS reference: 315377E 652513N
AOD: 263 m
Direction of view: 135°
Nearest turbine: 6.05 km

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

Wind Farm Developments key (by status):
Proposed scheme
Operational
Under construction

Cloich
Figure: 5.2.12c
Viewpoint 12: A702 approach to West Linton

Photomontage
View flat at a comfortable arm’s length

LUC

OS reference: 315377E 652513N
AOD: 263 m
Direction of view: 135°
Nearest turbine: 6.05 km

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

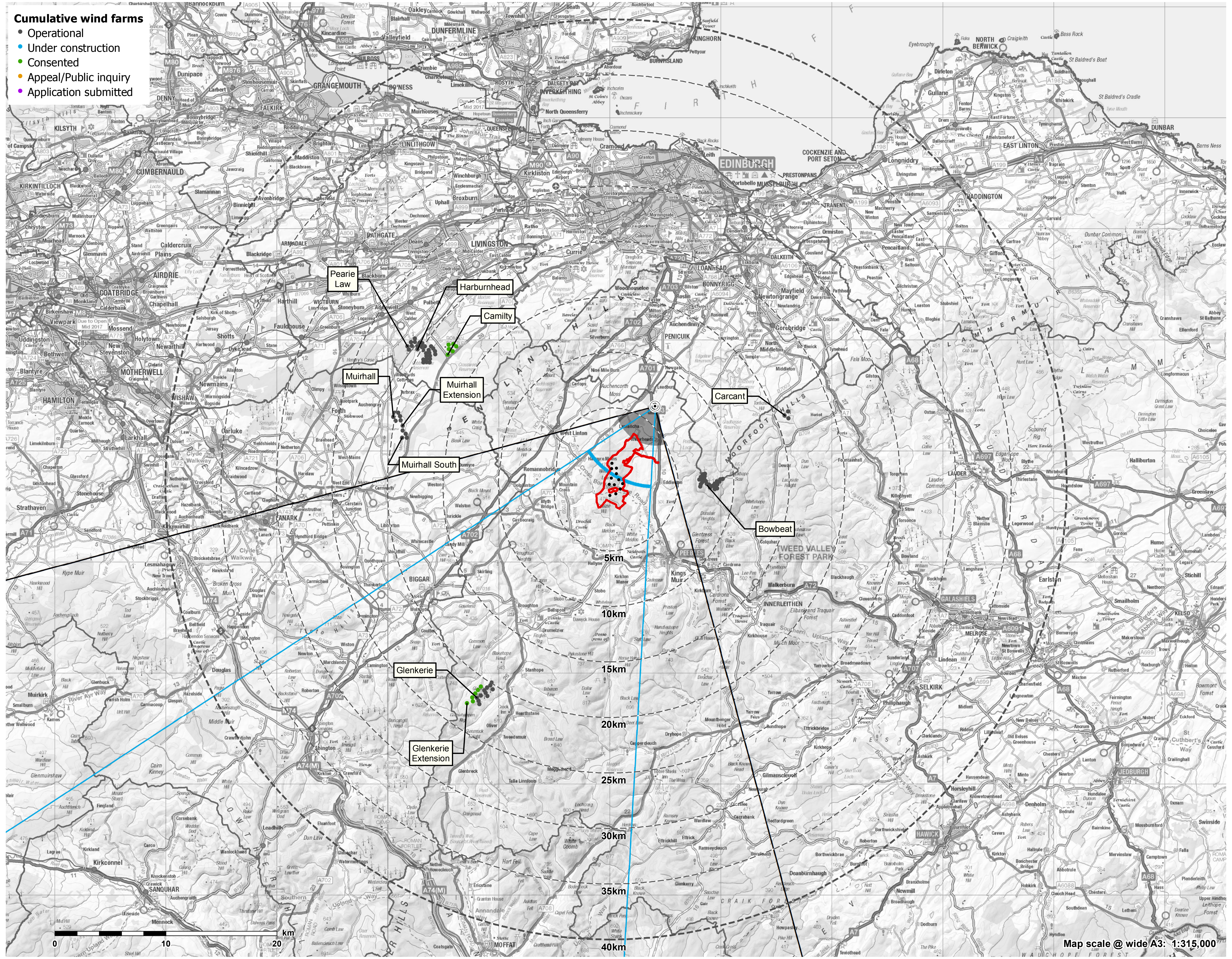
Camera: Nikon D600
Lens: 50mm Fixed Focal Length
Camera height: 1.5 m

Photography Date: 20/05/2020
Photography Time: 12:50

Cloich

Figure: 5.2.12d

Viewpoint 12: A702 approach to West Linton


Cumulative wind farms
● Operational
● Under construction
● Consented
● Appeal/Public inquiry
● Application submitted
Pearie Law
Harburnhead
Camilty
Muirhall
Muirhall Extension
Muirhall South
Carcant
Bowbeat
Glenkerie
Glenkerie Extension
EDINBURGH
5km
10km
15km
20km
25km
30km
35km
40km
km
0
10
20
Map scale @ wide A3: 1:315,000

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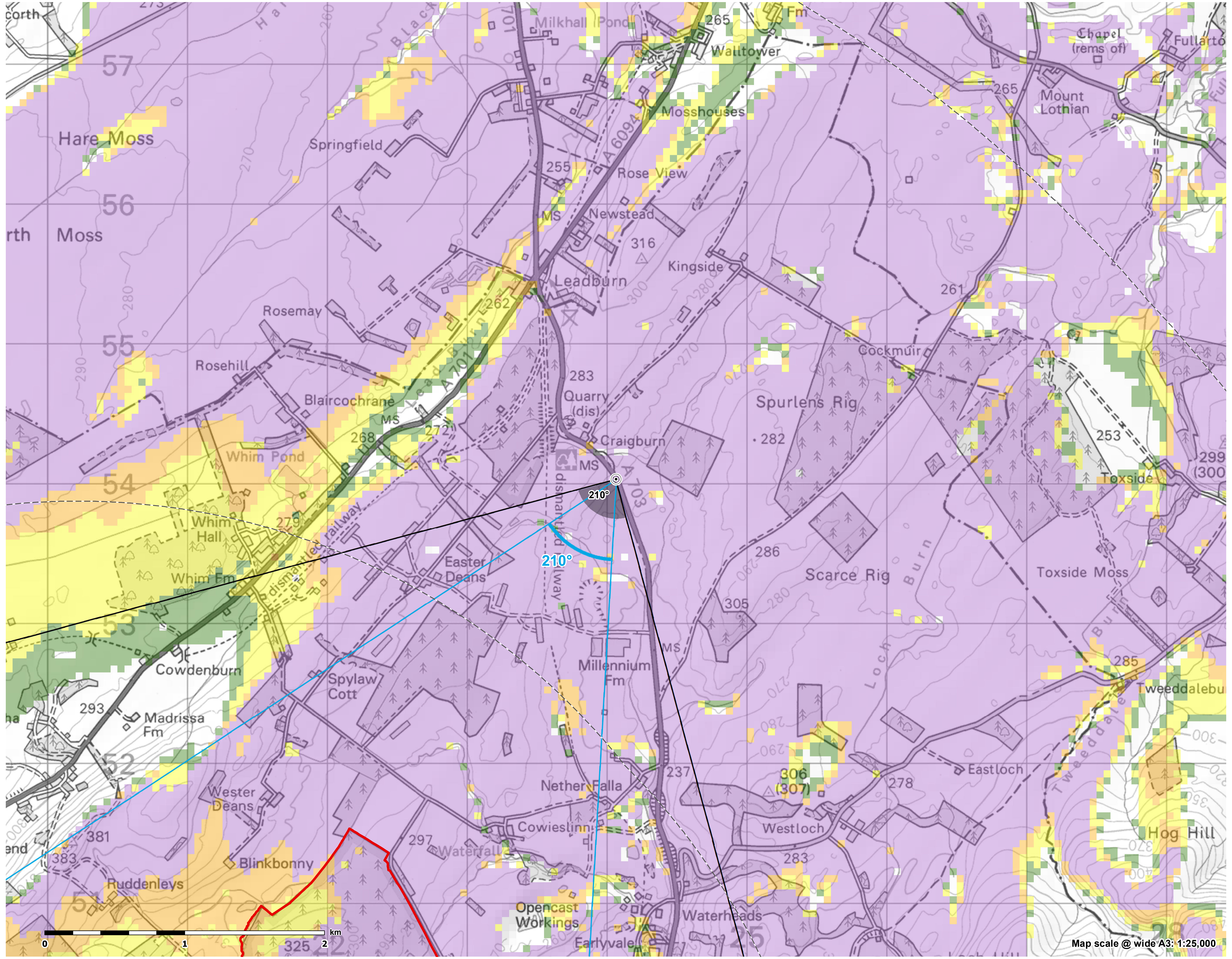
210°
Leadburn
Craigburn
Whim Hall
Cowdenburn
Spurlens Rig
Scarce Rig
Toxside Moss
Millennium Fm
Nether Falla
Westloch
Eastloch
Hog Hill
Mount Lothian
km
0
1
2
Map scale @ wide A3: 1:25,000

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CB:EL EB:lendak_e LUC FIG5-2x_r1_10801_VPoverviews 04/06/2021
Source: EDF, LUC

edf renewables

LUC

ARCUS

- ▭ Site boundary
- ● Turbine location
- ⬚ 5km intervals from outermost turbines
- ⬚ 40km study area
- ⊙ Viewpoint

Theoretical turbine tip visibility

- 🟩 1-3 Turbines are visible
- 🟨 4-6 Turbines are visible
- 🟧 7-9 Turbines are viible
- 🟪 10-12 Turbines are visible
- ▽ 53.5° Field of view
- ▽ 90° Field of view

Notes

Cumulative wind farms based on information available to LUC on 09/02/2021.

The ZTV is calculated to turbine tip height (149.9 m) from a viewing height of 2 m above ground level. The terrain model assumes bare ground and is derived from OS Terrain 50 height data (obtained from Ordnance Survey in July 2019).
Earth curvature and atmospheric refraction have been taken into account.
The ZTV was calculated using ArcMap 10.5.1 software.

NORTH

Produced By: EL	Ref: Pr No.-REP-Dr. No.
Checked By: LC	Date: 04/06/2021

Viewpoint 13:
A703 lay-by south of Leadburn
Figure 5.2.13

Cloich Forest Wind Farm
EIA Report

Baseline photograph
This image provides landscape and visual context only

Wireline drawing
Extent of central 50mm frame used to construct panorama
Extent of 53.5° planar panorama
Cloich
170
S
180
190
200
210
220
230
240
250

LUC

OS reference: 324064E 654031N
AOD: 265 m
Direction of view: 210°
Nearest turbine: 6.43 km

Horizontal field of view: 90° (cylindrical projection)
Principal distance: 522 mm
Paper size: 841 x 297 mm (half A1)
Correct printed image size: 820 x 260 mm

Camera: Nikon D600
Lens: 50mm Fixed Focal Length
Camera height: 1.5 m

Photography Date: 04/02/2020
Photography Time: 09:30

Wind Farm Developments key (by status):

- Proposed scheme
- Operational
- Under construction
- Consented
- Application
- Scoping
- Appeal/PLI

Cloich

Figure: 5.2.13a

Viewpoint 13: A703 lay-by south of Leadburn

5
4
3
9
2
7
8
1
6
10
11
12

Wireline drawing

View flat at a comfortable arm's length

LUC

OS reference:	324064E 654031N
AOD:	265 m
Direction of view:	210°
Nearest turbine:	6.43 km

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

Wind Farm Developments key (by status):
Proposed scheme
Operational
Under construction

Cloich

Figure: 5.2.13b

Viewpoint 13: A703 lay-by south of Leadburn

Photomontage
View flat at a comfortable arm’s length

LUC

OS reference: 324064E 654031N
AOD: 265 m
Direction of view: 210°
Nearest turbine: 6.43 km

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

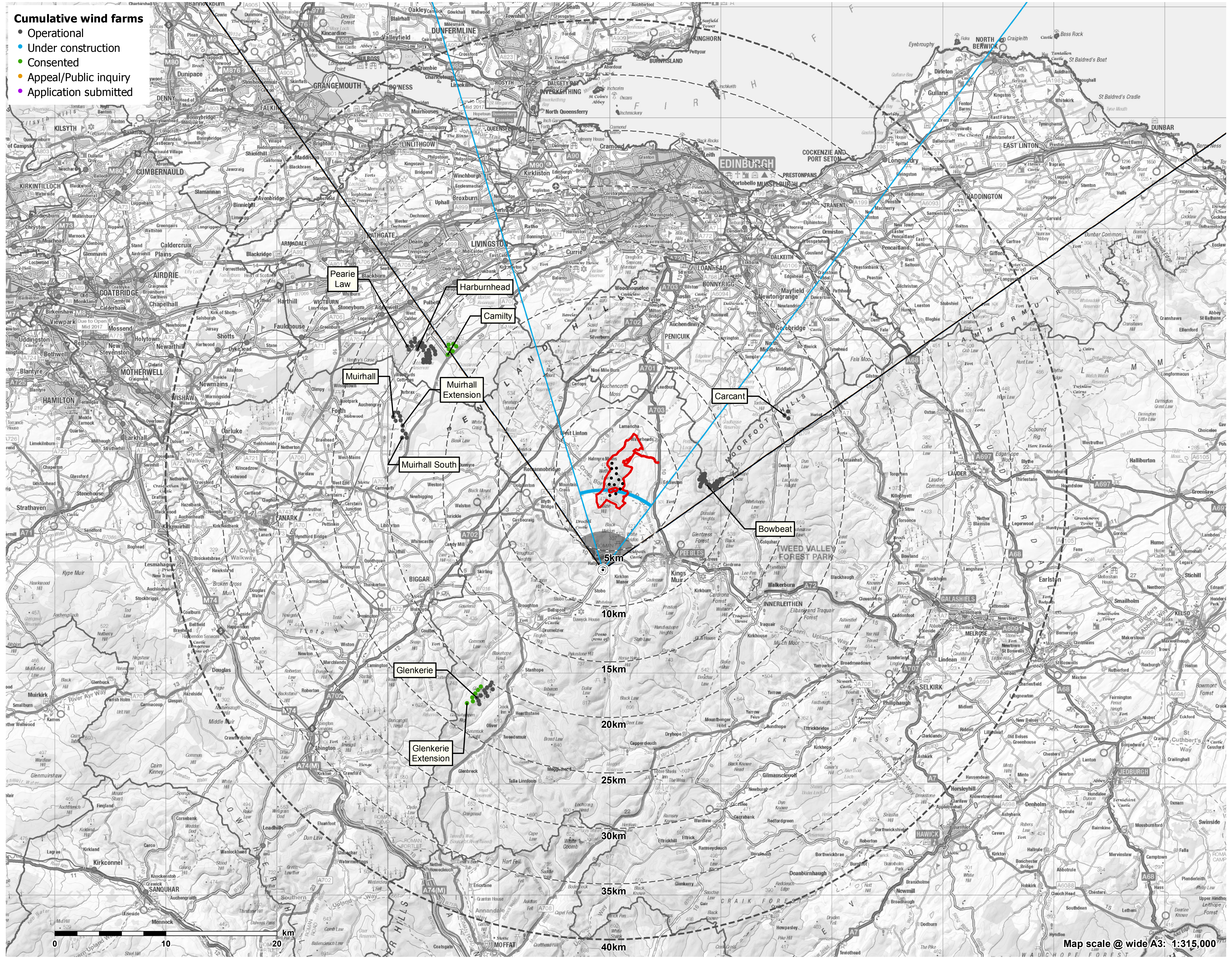
Camera: Nikon D600
Lens: 50mm Fixed Focal Length
Camera height: 1.5 m

Photography Date: 04/02/2020
Photography Time: 09:30

Cloich

Figure: 5.2.13c

Viewpoint 13: A703 lay-by south of Leadburn


Cumulative wind farms
● Operational
● Under construction
● Consented
● Appeal/Public inquiry
● Application submitted
Pearie Law
Harburnhead
Camilty
Muirhall
Muirhall Extension
Muirhall South
Carcant
Bowbeat
Glenkerie
Glenkerie Extension
EDINBURGH
5km
10km
15km
20km
25km
30km
35km
40km
0
10
20
km
Map scale @ wide A3: 1:315,000

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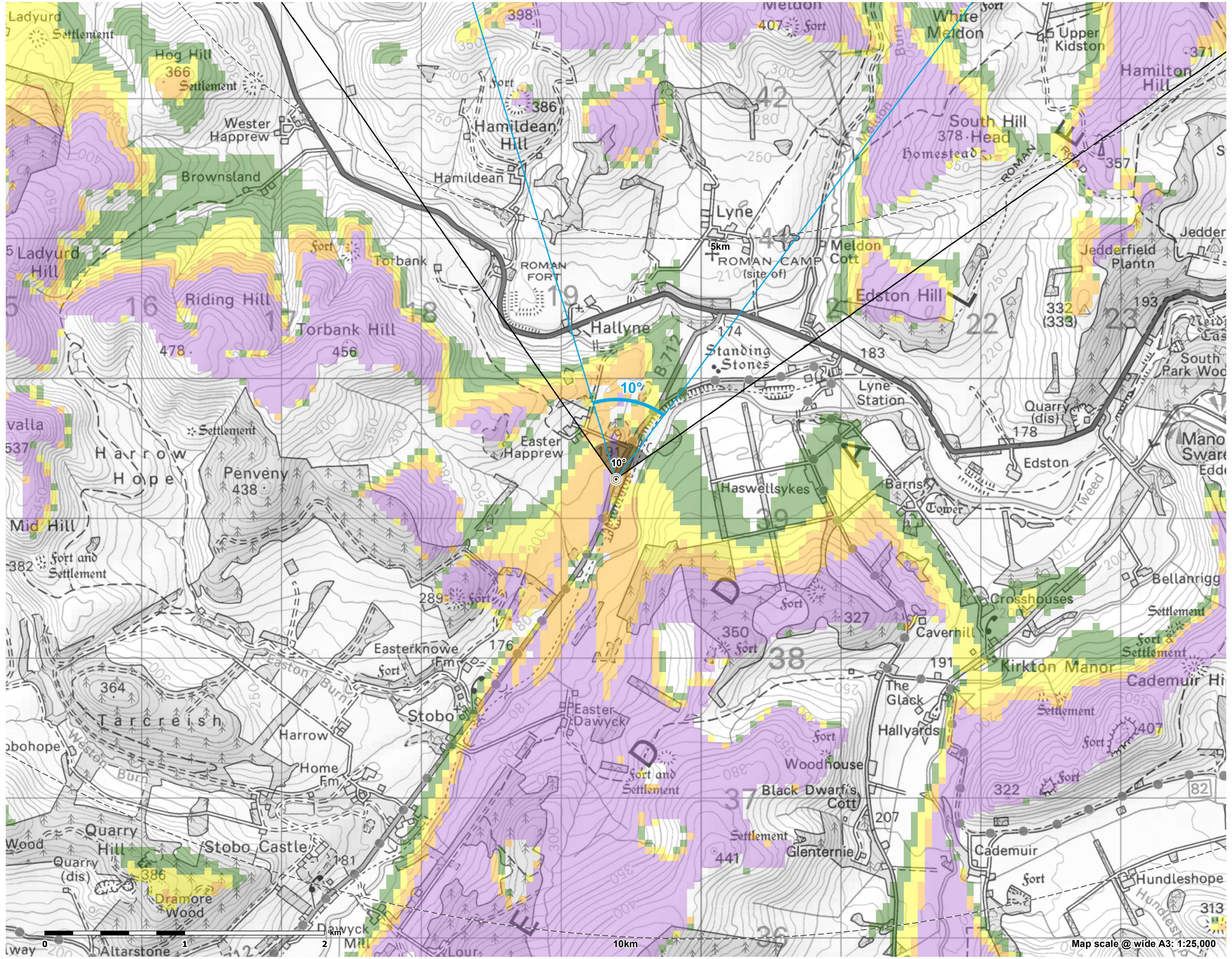

10°
10°
Stobo
Lyne
Hallyne
Easter Happrew
Harrow Hope
Penveny 438
Torbank Hill 456
Riding Hill
Hamildean Hill
Edston Hill
Cademuir
Kirkton Manor
Stobo Castle
Dawyck Mill
0
1
2
km
10km
Map scale @ wide A3: 1:25,000

CB:EL EB:lendak_e LUC FIG5-2x_r1_10801_VPoverviews 04/06/2021
Source: EDF, LUC

EDF renewables

LUC

ARCUS

▭	Site boundary
●	Turbine location
⬚	5km intervals from outermost turbines
⬚	40km study area
⊙	Viewpoint

Theoretical turbine tip visibility

🟩	1-3 Turbines are visible
🟨	4-6 Turbines are visible
🟧	7-9 Turbines are viible
🟪	10-12 Turbines are visible
∨	53.5° Field of view
∨	90° Field of view

Notes

Cumulative wind farms based on information available to LUC on 09/02/2021.

The ZTV is calculated to turbine tip height (149.9 m) from a viewing height of 2 m above ground level. The terrain model assumes bare ground and is derived from OS Terrain 50 height data (obtained from Ordnance Survey in July 2019).
Earth curvature and atmospheric refraction have been taken into account.
The ZTV was calculated using ArcMap 10.5.1 software.

NORTH

Produced By: EL	Ref: Pr No.-REP-Dr. No.
Checked By: LC	Date: 04/06/2021

Viewpoint 14:
B712 Stobo Road
Figure 5.2.14

Cloich Forest Wind Farm
EIA Report

Baseline photograph
This image provides landscape and visual context only

Wireline drawing
Extent of central 50mm frame used to construct panorama
Extent of 53.5° planar panorama
Cloich
Bowbeat
330
340
350
N
000
010
020
030
040
050

LUC

OS reference: 319392E 639277N
AOD: 192 m
Direction of view: 10°
Nearest turbine: 6.74 km

Horizontal field of view: 90° (cylindrical projection)
Principal distance: 522 mm
Paper size: 841 x 297 mm (half A1)
Correct printed image size: 820 x 260 mm

Camera: Nikon D600
Lens: 50mm Fixed Focal Length
Camera height: 1.5 m

Photography Date: 20/05/2020
Photography Time: 11:30

Wind Farm Developments key (by status):
- Proposed scheme
- Operational
- Under construction
- Consented
- Application
- Scoping
- Appeal/PLI

Cloich

Figure: 5.2.14a
Viewpoint 14: B712 Stobo Road

1
12
11
6
2
10
7
8
3

Wireline drawing

View flat at a comfortable arm's length

OS reference:	319392E 639277N
AOD:	192 m
Direction of view:	10°
Nearest turbine:	6.74 km

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

Wind Farm Developments key (by status):	Proposed scheme Operational Under construction

Cloich

Figure: 5.2.14b
Viewpoint 14: B712 Stobo Road

Photomontage
View flat at a comfortable arm's length

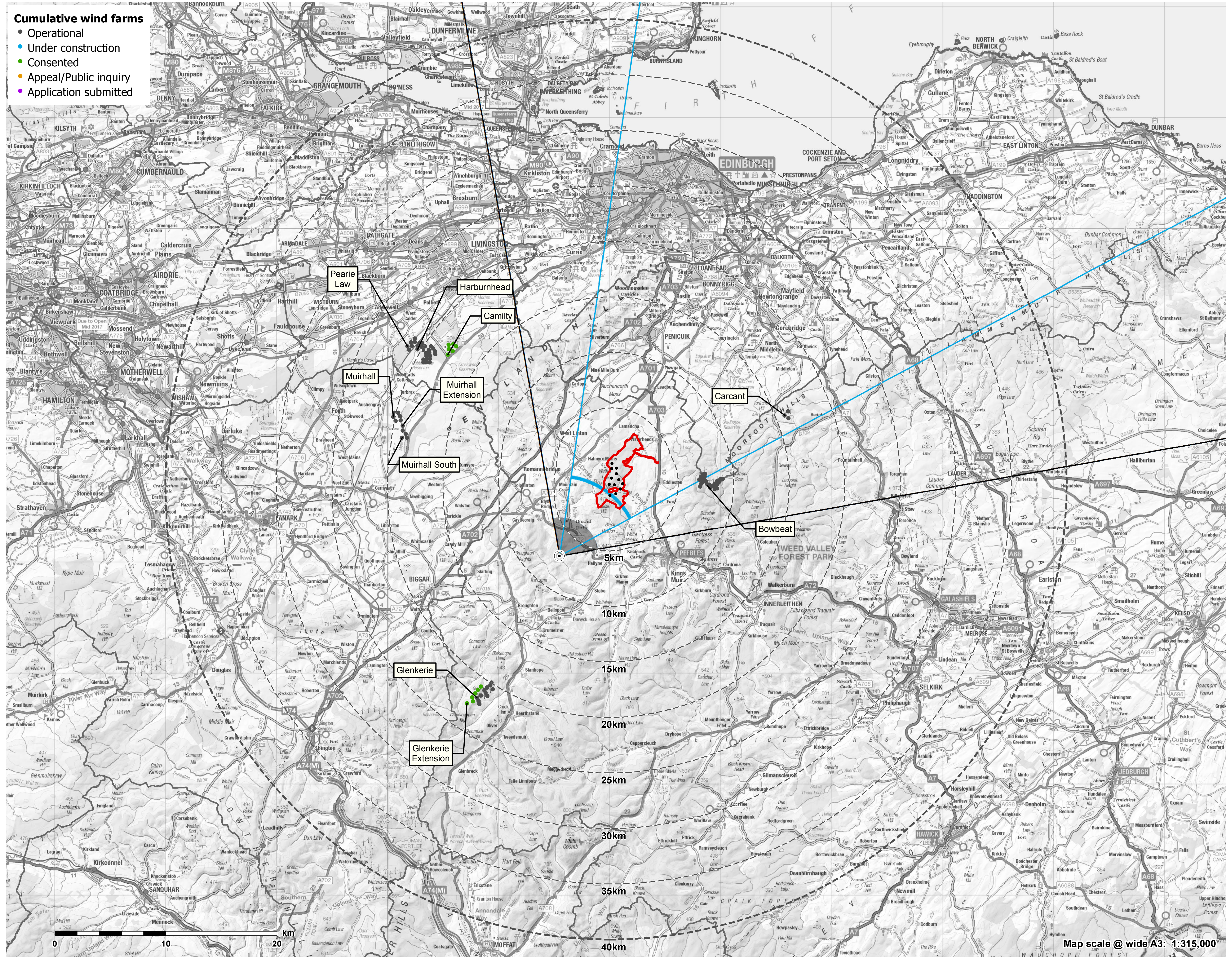
LUC

OS reference:	319392E 639277N	Horizontal field of view:	53.5° (planar projection)	Camera:	Nikon D600	Photography Date:	20/05/2020
AOD:	192 m	Principal distance:	812.5 mm	Lens:	50mm Fixed Focal Length	Photography Time:	11:30
Direction of view:	10°	Paper size:	841 x 297 mm (half A1)	Camera height:	1.5 m		
Nearest turbine:	6.74 km	Correct printed image size:	820 x 260 mm				

Cloich

Figure: 5.2.14c

Viewpoint 14: B712 Stobo Road


Pearie Law
Harburnhead
Camilty
Muirhall
Muirhall Extension
Carcant
Muirhall South
Bowbeat
Glenkerie
Glenkerie Extension
5km
10km
15km
20km
25km
30km
35km
40km
0
10
20
km
EDINBURGH

Cumulative wind farms
- Operational
- Under construction
- Consented
- Appeal/Public inquiry
- Application submitted

Map scale @ wide A3: 1:315,000

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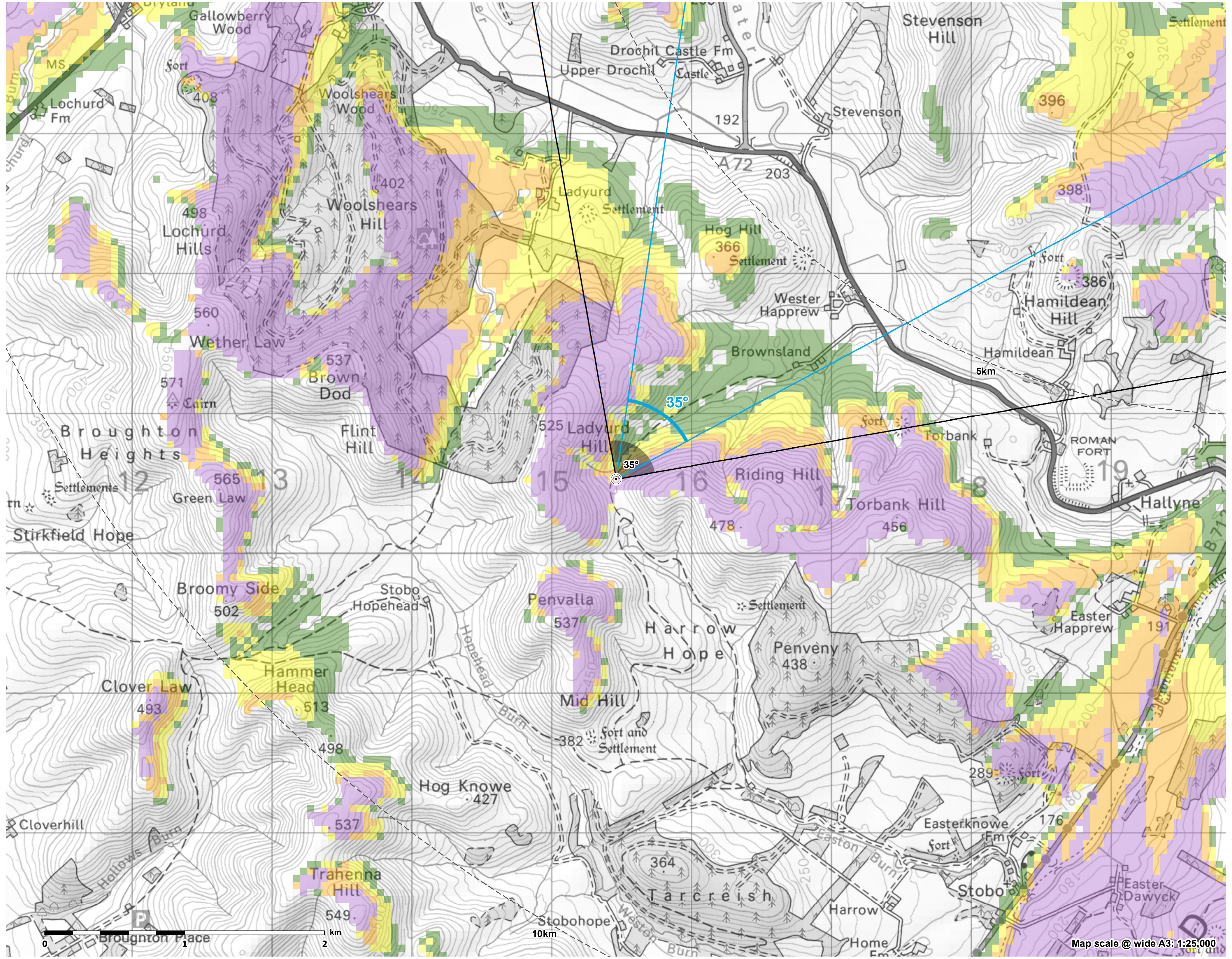

35°
35°
5km
10km
Ladyurd Hill
Wester Happrew
Brownsland
Riding Hill
Torbank Hill
Hamildean Hill
Penvalla
Harrow Hope
Mid Hill
Penveny
Hog Knowe
Trahenna Hill
Tarcreish
Broughton Heights
Woolshears Hill
Lochurd Hills
Wether Law
Brown Dod
Flint Hill
Green Law
Stirkfield Hope
Broomy Side
Hammer Head
Clover Law
Stevenson Hill
Drochil Castle Fm
0
1
2
km

Map scale @ wide A3: 1:25,000

CB:EL EB:lendak_e LUC FIG5-2x_r1_10801_VPoverviews 04/06/2021
Source: EDF, LUC

EDF renewables

LUC

ARCUS

🟥	Site boundary
●	Turbine location
┅	5km intervals from outermost turbines
┅	40km study area
⊙	Viewpoint

Theoretical turbine tip visibility

🟩	1-3 Turbines are visible
🟨	4-6 Turbines are visible
🟧	7-9 Turbines are viible
🟪	10-12 Turbines are visible
∨	53.5° Field of view
∨	90° Field of view

Notes

Cumulative wind farms based on information available to LUC on 09/02/2021.

The ZTV is calculated to turbine tip height (149.9 m) from a viewing height of 2 m above ground level. The terrain model assumes bare ground and is derived from OS Terrain 50 height data (obtained from Ordnance Survey in July 2019).
Earth curvature and atmospheric refraction have been taken into account.
The ZTV was calculated using ArcMap 10.5.1 software.

NORTH

Produced By: EL	Ref: Pr No.-REP-Dr. No.
Checked By: LC	Date: 04/06/2021

Viewpoint 15:
Path near Wester Happrew Burn
Figure 5.2.15

Cloich Forest Wind Farm
EIA Report

Baseline photograph

This image provides landscape and visual context only

Wireline drawing

Extent of central 50mm frame used to construct panorama
Extent of 53.5° planar panorama
Cloich
Bowbeat
N
50
000
010
020
030
040
050
060
070
08

OS reference:	315460E 640528N	Horizontal field of view:	90° (cylindrical projection)	Camera:	Nikon D600	Photography Date:	16/07/2020
AOD:	337 m	Principal distance:	522 mm	Lens:	50mm Fixed Focal Length	Photography Time:	15:00
Direction of view:	35°	Paper size:	841 x 297 mm (half A1)	Camera height:	1.5 m		
Nearest turbine:	7.11 km	Correct printed image size:	820 x 260 mm				

Wind Farm Developments key (by status):

Proposed scheme	Application
Operational	Scoping
Under construction	Appeal/PLI
Consented	

Cloich

Figure: 5.2.15a

Viewpoint 15: Path near Wester Happrew Burn

12
11
10
6
8
1
7
9
2
4
3
Wireline drawing
View flat at a comfortable arm's length

LUC

OS reference:	315460E 640528N
AOD:	337 m
Direction of view:	35°
Nearest turbine:	7.11 km

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

Wind Farm Developments key (by status):
Proposed scheme
Operational
Under construction

Cloich

Figure: 5.2.15b

Viewpoint 15: Path near Wester Happrew Burn

Photomontage
View flat at a comfortable arm’s length

OS reference: 315460E 640528N
AOD: 337 m
Direction of view: 35°
Nearest turbine: 7.11 km

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

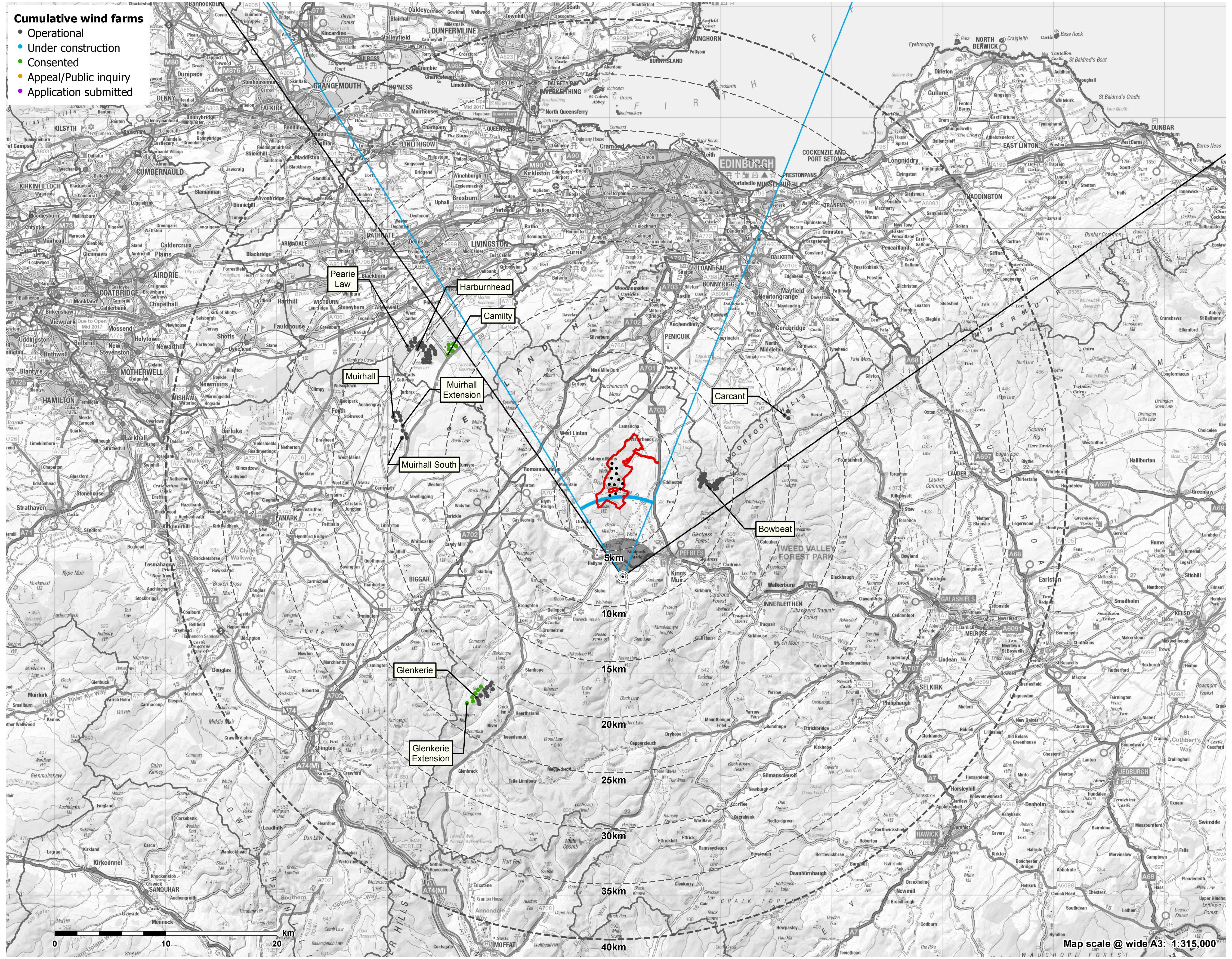
Camera: Nikon D600
Lens: 50mm Fixed Focal Length
Camera height: 1.5 m

Photography Date: 16/07/2020
Photography Time: 15:00

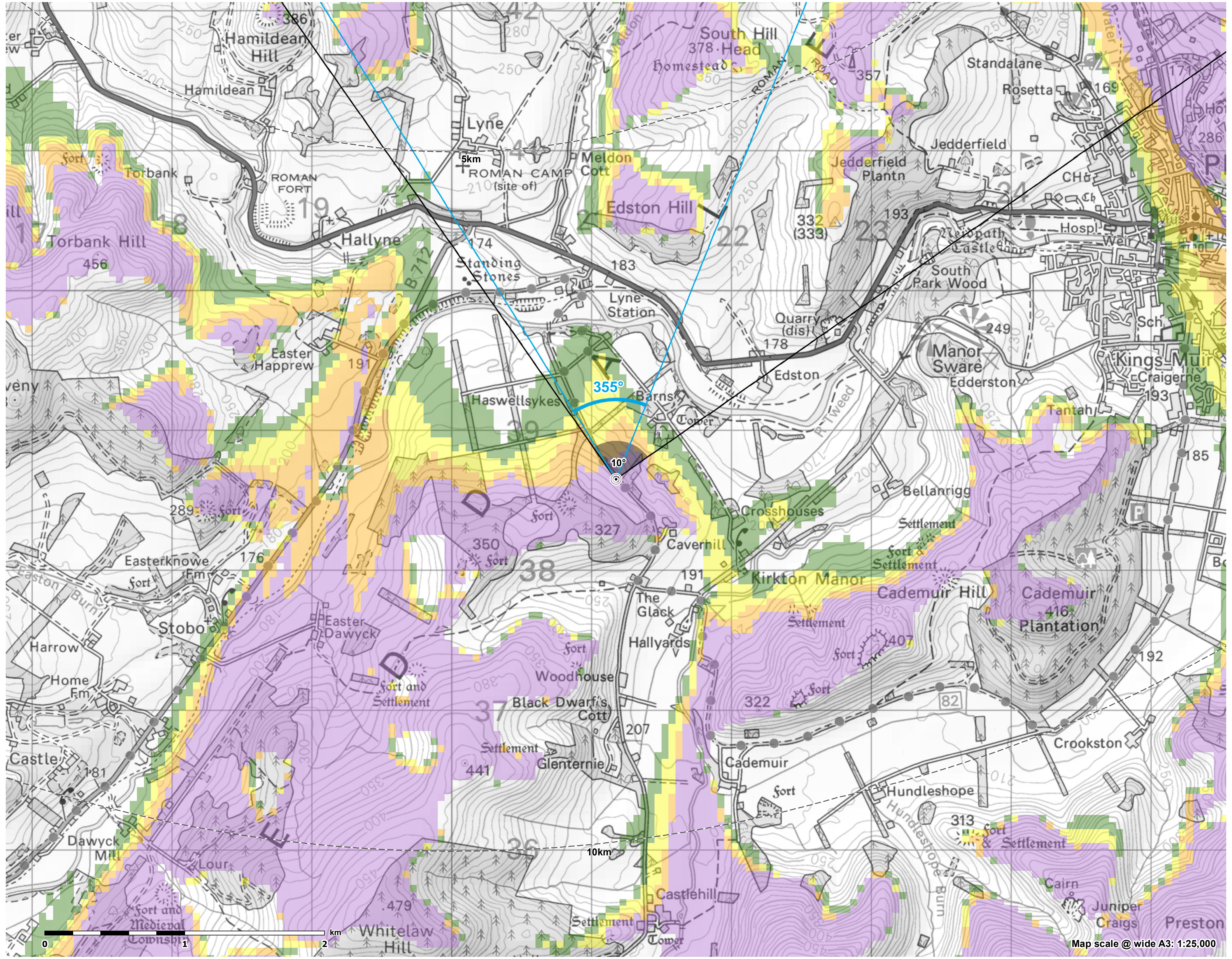
Cloich

Figure: 5.2.15c

Viewpoint 15: Path near Wester Happrew Burn


Cumulative wind farms
● Operational
● Under construction
● Consented
● Appeal/Public inquiry
● Application submitted
Pearie Law
Harburnhead
Camilty
Muirhall
Muirhall Extension
Carcant
Muirhall South
Bowbeat
Glenkerie
Glenkerie Extension
EDINBURGH
5km
10km
15km
20km
25km
30km
35km
40km
0
10
20
km
Map scale @ wide A3: 1:315,000

Contains Ordnance Survey data © Crown copyright and database right 2021


355°
10°
5km
10km
Haswellsykes
Lyne
Lyne Station
Hallyne
Edston
Kirkton Manor
Cademuir Hill
Black Dwarf's Cott
Whitelaw Hill
0
1
2
km
Map scale @ wide A3: 1:25,000

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CB:EL EB:lendak_e LUC FIG5-2x_r1_10801_VPoverviews 04/06/2021
Source: EDF, LUC

edf renewables

LUC

ARCUS

🟥 Site boundary
● Turbine location
5km intervals from outermost turbines
40km study area
⊙ Viewpoint

Theoretical turbine tip visibility

🟩 1-3 Turbines are visible
🟨 4-6 Turbines are visible
🟧 7-9 Turbines are viible
🟪 10-12 Turbines are visible
53.5° Field of view
90° Field of view

Notes

Cumulative wind farms based on information available to LUC on 09/02/2021.

The ZTV is calculated to turbine tip height (149.9 m) from a viewing height of 2 m above ground level. The terrain model assumes bare ground and is derived from OS Terrain 50 height data (obtained from Ordnance Survey in July 2019).
Earth curvature and atmospheric refraction have been taken into account.
The ZTV was calculated using ArcMap 10.5.1 software.

NORTH

Produced By: EL	Ref: Pr No.-REP-Dr. No.
Checked By: LC	Date: 04/06/2021

Viewpoint 16:
Haswelsykes
Figure 5.2.16

Cloich Forest Wind Farm
EIA Report

Baseline photograph
This image provides landscape and visual context only

Extent of central 50mm frame used to construct panorama
Extent of 53.5° planar panorama
Wireline drawing
Cloich
Bowbeat
330
340
350
N
000
010
020
030
040
050

LUC

OS reference: 321175E 638649N
AOD: 246 m
Direction of view: 10°
Nearest turbine: 7.43 km

Horizontal field of view: 90° (cylindrical projection)
Principal distance: 522 mm
Paper size: 841 x 297 mm (half A1)
Correct printed image size: 820 x 260 mm

Camera: Nikon D600
Lens: 50mm Fixed Focal Length
Camera height: 1.5 m

Photography Date: 20/05/2020
Photography Time: 10:45

Wind Farm Developments key (by status):

- Proposed scheme
- Operational
- Under construction
- Consented
- Application
- Scoping
- Appeal/PLI

Cloich

Figure: 5.2.16a

Viewpoint 16: Haswelsykes

2
6
11
12
7
3
8
10
9
4
5

Wireline drawing

View flat at a comfortable arm’s length

LUC

OS reference:	321175E 638649N
AOD:	246 m
Direction of view:	355°
Nearest turbine:	7.43 km

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

Wind Farm Developments key (by status):

- Proposed scheme
- Operational
- Under construction

Cloich

Figure: 5.2.16b

Viewpoint 16: Haswelsykes

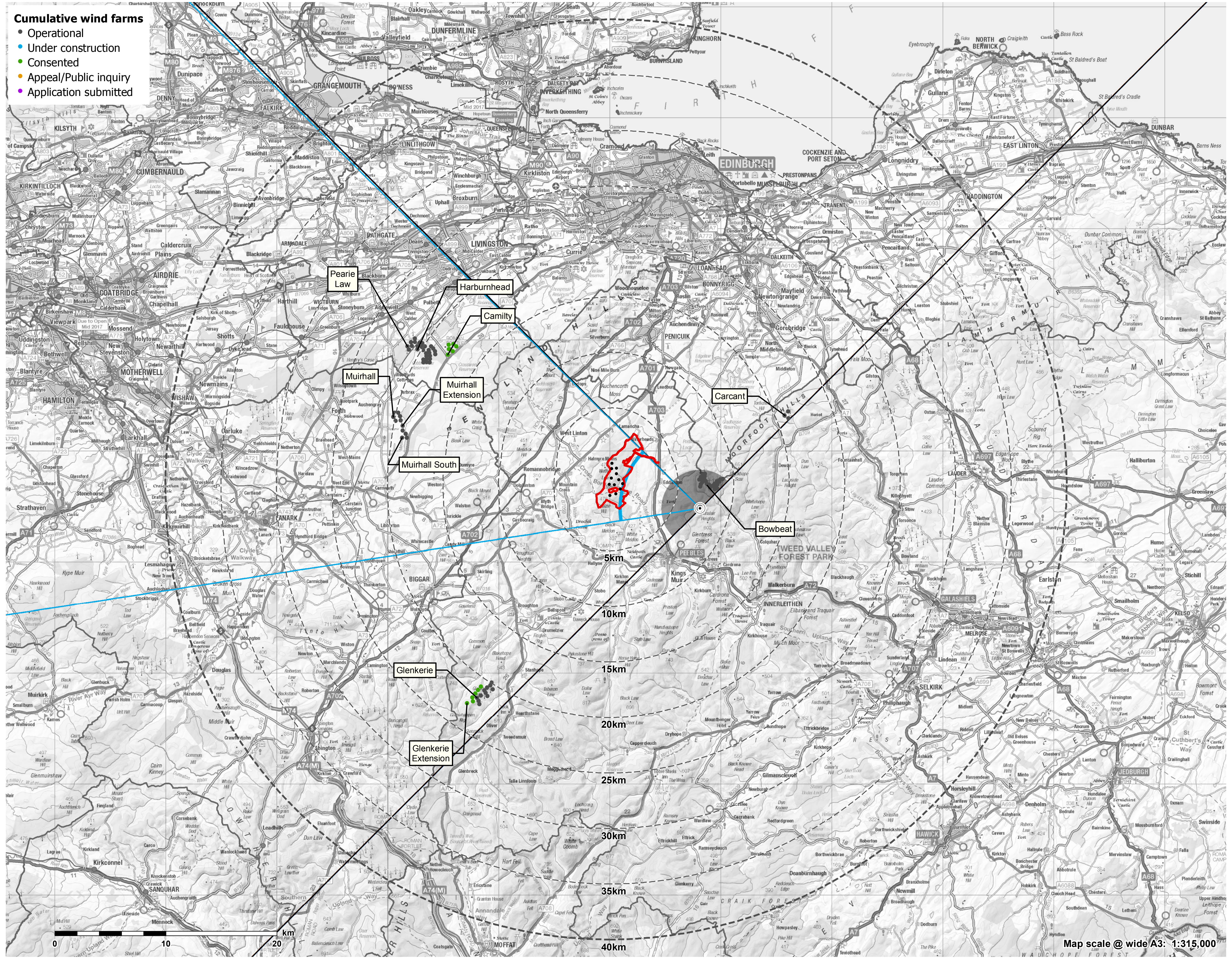
Photomontage
View flat at a comfortable arm’s length

OS reference:	321175E 638649N	Horizontal field of view:	53.5° (planar projection)	Camera:	Nikon D600	Photography Date:	20/05/2020
AOD:	246 m	Principal distance:	812.5 mm	Lens:	50mm Fixed Focal Length	Photography Time:	10:45
Direction of view:	355°	Paper size:	841 x 297 mm (half A1)	Camera height:	1.5 m		
Nearest turbine:	7.43 km	Correct printed image size:	820 x 260 mm				

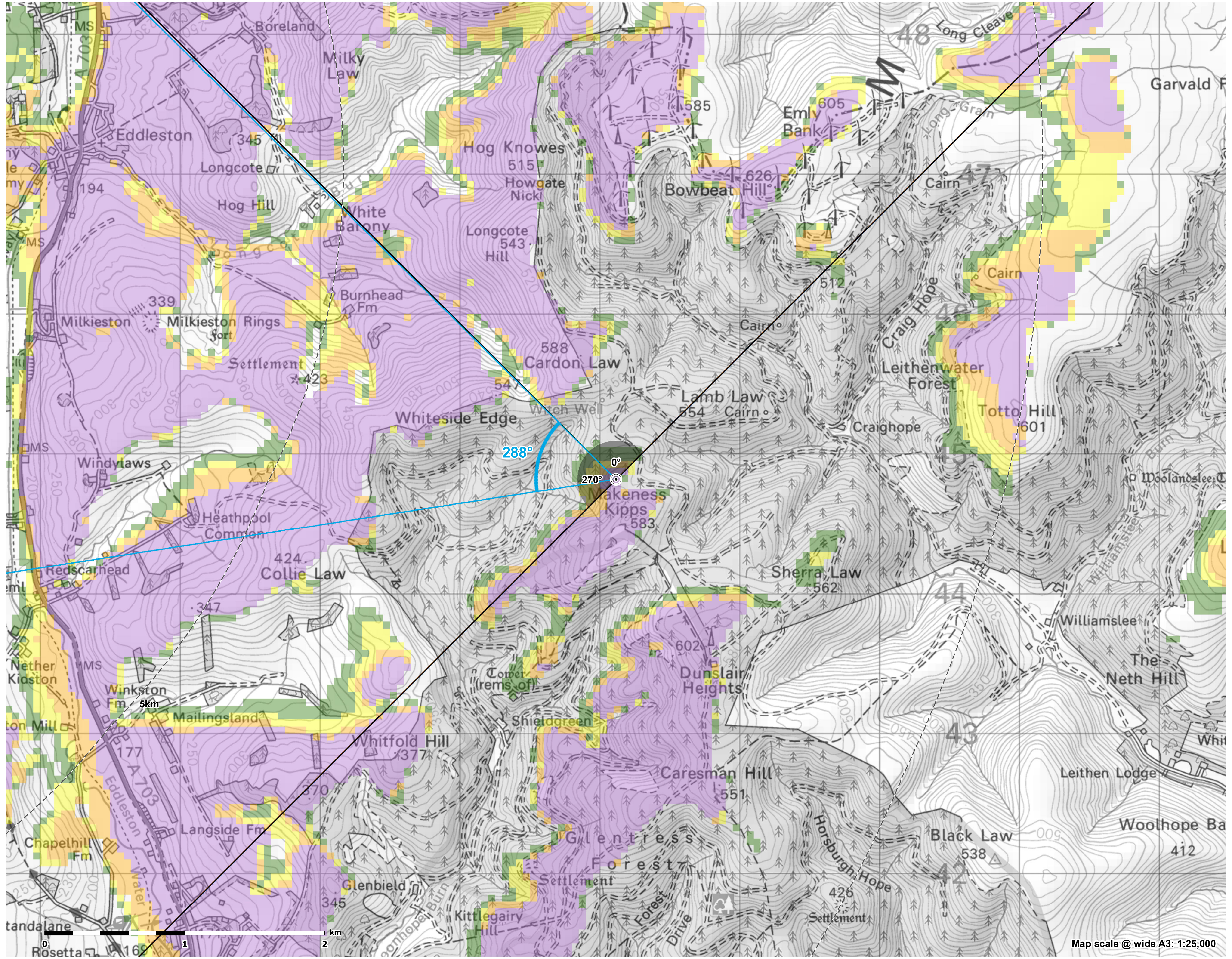
Cloich

Figure: 5.2.16c

Viewpoint 16: Haswelsykes


Cumulative wind farms
● Operational
● Under construction
● Consented
● Appeal/Public inquiry
● Application submitted
Pearie Law
Harburnhead
Camilty
Muirhall
Muirhall Extension
Carcant
Muirhall South
Bowbeat
Glenkerie
Glenkerie Extension
EDINBURGH
5km
10km
15km
20km
25km
30km
35km
40km
0
10
20
km
Map scale @ wide A3: 1:315,000

Contains Ordnance Survey data © Crown copyright and database right 2021


Eddleston
Milky Law
Hog Knowes
Bowbeat Hill
Emly Bank
Longcote Hill
White Barony
Milkieston Rings Fort
Settlement
Cardon Law
Whiteside Edge
Lamb Law
Leithenwater Forest
Craighope
Totto Hill
Windylaws
Heathpool Common
Collie Law
Makeness Kipps
Sherra Law
Dunslair Heights
Shieldgreen
Whitfold Hill
Caresman Hill
Glentress Forest
Black Law
Woolhope
Leithen Lodge
The Neth Hill
Williamslee
Redscarhead
Nether Kidston
Winkston
Mailingsland
Chapelhill
Glenbield
Kittlegairy Hill
Rosetta
288°
0°
270°
5km
0
1
2
km
Map scale @ wide A3: 1:25,000

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CB:EL EB:lendak_e LUC FIG5-2x_r1_10801_VPoverviews 04/06/2021
Source: EDF, LUC

EDF renewables

LUC

ARCUS

- ▭ Site boundary
- ● Turbine location
- ⬚ 5km intervals from outermost turbines
- ⬚ 40km study area
- ⊙ Viewpoint

Theoretical turbine tip visibility

- 🟩 1-3 Turbines are visible
- 🟨 4-6 Turbines are visible
- 🟧 7-9 Turbines are viible
- 🟪 10-12 Turbines are visible

- ∨ 53.5° Field of view
- ∨ 90° Field of view

Notes

Cumulative wind farms based on information available to LUC on 09/02/2021.

The ZTV is calculated to turbine tip height (149.9 m) from a viewing height of 2 m above ground level. The terrain model assumes bare ground and is derived from OS Terrain 50 height data (obtained from Ordnance Survey in July 2019).
Earth curvature and atmospheric refraction have been taken into account.
The ZTV was calculated using ArcMap 10.5.1 software.

NORTH

Produced By: EL	Ref: Pr No.-REP-Dr. No.
Checked By: LC	Date: 04/06/2021

Viewpoint 17:
Glentress Forest - Makeness Kips
Figure 5.2.17

Cloich Forest Wind Farm
EIA Report

Baseline photograph
This image provides landscape and visual context only

Wireline drawing
Extent of central 50mm frame used to construct panorama
Extent of 53.5° planar panorama
Clyde
Glenkerie
Glenkerie Extension
Priestgill
Cloich
Black Law
Muirhall
Watsonhead Farm
Hartwood
Tormywheel
Tormywheel Extension
Heathland
West Benhar
Pates Hill
Longhill Burn
230
240
250
260
W
270
280
290
300
310

LUC

OS reference:	328116E 644817N	Horizontal field of view:	90° (cylindrical projection)	Camera:	Nikon D750	Photography Date:	18/09/2020
AOD:	547 m	Principal distance:	522 mm	Lens:	50mm Fixed Focal Length	Photography Time:	11:20
Direction of view:	270°	Paper size:	841 x 297 mm (half A1)	Camera height:	1.5 m		
Nearest turbine:	7.3 km	Correct printed image size:	820 x 260 mm				

Wind Farm Developments key (by status):

Proposed scheme	Application
Operational	Scoping
Under construction	Appeal/PLI
Consented	

Cloich

Figure: 5.2.17a

Viewpoint 17: Glentress Forest - Makeness Kips

Baseline photograph
This image provides landscape and visual context only

Wireline drawing
Bowbeat
N
320
330
340
350
000
010
020
030
040

LUC

OS reference: 328116E 644817N
AOD: 547 m
Direction of view: 0°
Nearest turbine: 7.3 km

Horizontal field of view: 90° (cylindrical projection)
Principal distance: 522 mm
Paper size: 841 x 297 mm (half A1)
Correct printed image size: 820 x 260 mm

Camera: Nikon D750
Lens: 50mm Fixed Focal Length
Camera height: 1.5 m

Photography Date: 18/09/2020
Photography Time: 11:20

Wind Farm Developments key (by status):
- Proposed scheme
- Operational
- Under construction
- Consented
- Application
- Scoping
- Appeal/PLI

Cloich

Figure: 5.2.17b

Viewpoint 17: Glentress Forest - Makeness Kips

2
3
4
1
7
5
6
9
8
11
10
12

Wireline drawing

View flat at a comfortable arm's length

LUC

OS reference:	328116E 644817N	Horizontal field of view:	53.5° (planar projection)
AOD:	547 m	Principal distance:	812.5 mm
Direction of view:	288°	Paper size:	841 x 297 mm (half A1)
Nearest turbine:	7.3 km	Correct printed image size:	820 x 260 mm

Wind Farm Developments key (by status):

- Proposed scheme
- Operational
- Under construction

Cloich

Figure: 5.2.17c

Viewpoint 17: Glentress Forest - Makeness Kips

Photomontage
View flat at a comfortable arm's length

LUC

OS reference: 328116E 644817N
AOD: 547 m
Direction of view: 288°
Nearest turbine: 7.3 km

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

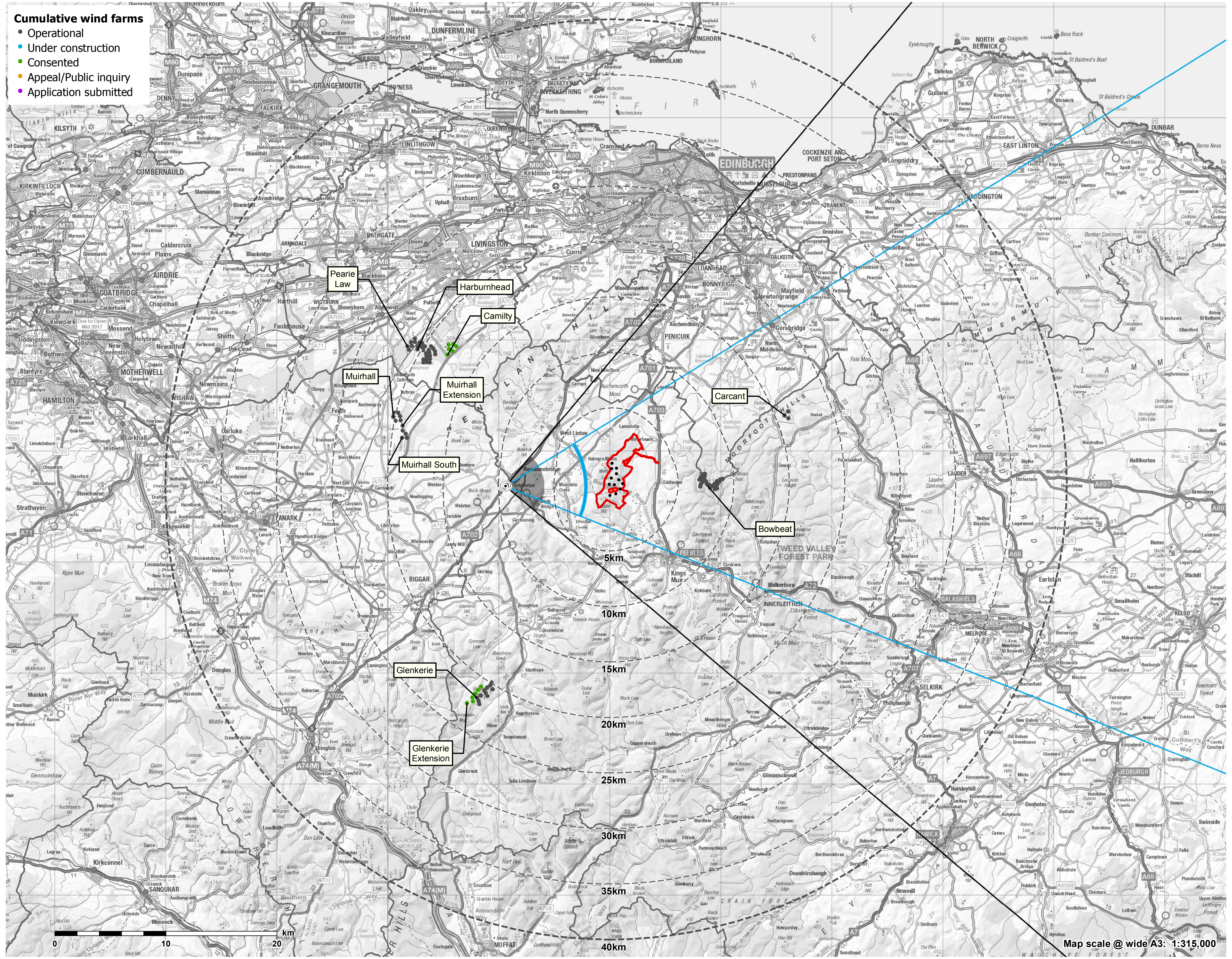
Camera: Nikon D750
Lens: 50mm Fixed Focal Length
Camera height: 1.5 m

Photography Date: 18/09/2020
Photography Time: 11:20

Cloich

Figure: 5.2.17d

Viewpoint 17: Glentress Forest - Makeness Kips


Cumulative wind farms
● Operational
● Under construction
● Consented
● Appeal/Public inquiry
● Application submitted
Pearie Law
Harburnhead
Camilty
Muirhall
Muirhall Extension
Carcant
Muirhall South
Bowbeat
Glenkerie
Glenkerie Extension
EDINBURGH
5km
10km
15km
20km
25km
30km
35km
40km
0
10
20
km
Map scale @ wide A3: 1:315,000

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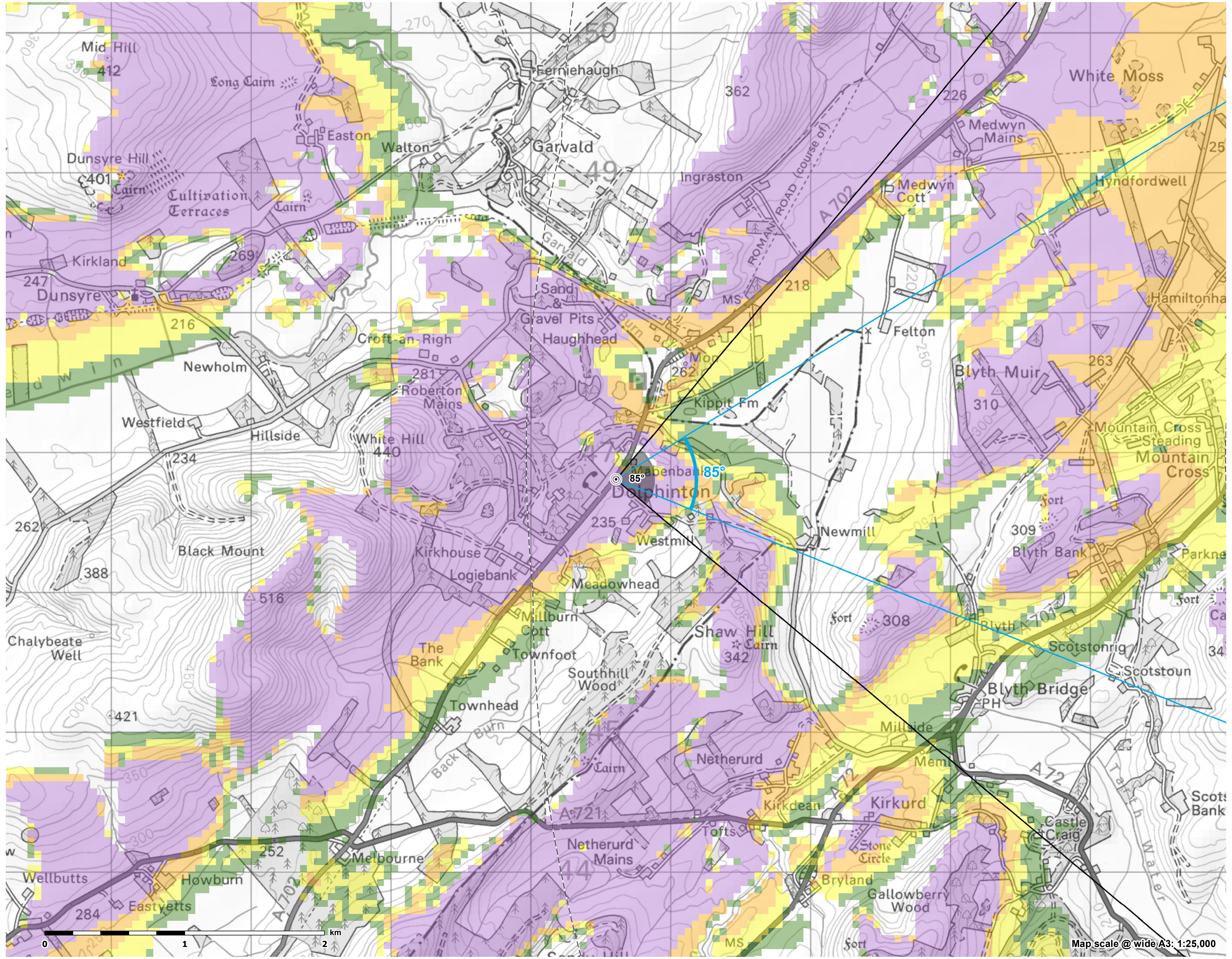
Dolphinton
85°
Mid Hill
Dunsyre
Newholm
Westfield
Hillside
White Hill
Black Mount
Kirkhouse
Logiebank
Garvald
Walton
Ingraston
Medwyn Mains
White Moss
Felton
Blyth Muir
Newmill
Blyth Bridge
Kirkurd
Netherurd
A702
A72
0
1
2
km
Map scale @ wide A3: 1:25,000

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CB:EL EB:lendak_e LUC FIG5-2x_r1_10801_VPoverviews 04/06/2021
Source: EDF, LUC

EDF renewables

LUC

ARCUS

- 🟥 Site boundary
- ● Turbine location
- ┆ 5km intervals from outermost turbines
- ┆ 40km study area
- ⊙ Viewpoint

Theoretical turbine tip visibility

- 🟩 1-3 Turbines are visible
- 🟨 4-6 Turbines are visible
- 🟧 7-9 Turbines are viible
- 🟪 10-12 Turbines are visible
- ∨ 53.5° Field of view
- ∨ 90° Field of view

Notes

Cumulative wind farms based on information available to LUC on 09/02/2021.

The ZTV is calculated to turbine tip height (149.9 m) from a viewing height of 2 m above ground level. The terrain model assumes bare ground and is derived from OS Terrain 50 height data (obtained from Ordnance Survey in July 2019).
Earth curvature and atmospheric refraction have been taken into account.
The ZTV was calculated using ArcMap 10.5.1 software.

NORTH

Produced By: EL	Ref: Pr No.-REP-Dr. No.
Checked By: LC	Date: 04/06/2021

Viewpoint 18:
A702 Dolphinton
Figure 5.2.18

Cloich Forest Wind Farm
EIA Report

Baseline photograph
This image provides landscape and visual context only

Wireline drawing
Extent of central 50mm frame used to construct panorama
Extent of 53.5° planar panorama
Cloich
Bowbeat
E
40
050
060
070
080
090
100
110
120
13

LUC

OS reference: 310609E 646807N
AOD: 231 m
Direction of view: 85°
Nearest turbine: 9.35 km

Horizontal field of view: 90° (cylindrical projection)
Principal distance: 522 mm
Paper size: 841 x 297 mm (half A1)
Correct printed image size: 820 x 260 mm

Camera: Nikon D600
Lens: 50mm Fixed Focal Length
Camera height: 1.5 m

Photography Date: 20/05/2020
Photography Time: 12:20

Wind Farm Developments key (by status):

- Proposed scheme
- Operational
- Under construction
- Consented
- Application
- Scoping
- Appeal/PLI

Cloich

Figure: 5.2.18a

Viewpoint 18: A702 Dolphinton

12
11
10
8
6
9
5
1
7
4
3
2

Wireline drawing

View flat at a comfortable arm's length

LUC

OS reference:	310609E 646807N
AOD:	231 m
Direction of view:	85°
Nearest turbine:	9.35 km

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

Wind Farm Developments key (by status):	Proposed scheme Operational Under construction

Cloich

Figure: 5.2.18b

Viewpoint 18: A702 Dolphinton

Photomontage
View flat at a comfortable arm’s length

LUC

OS reference: 310609E 646807N
AOD: 231 m
Direction of view: 85°
Nearest turbine: 9.35 km

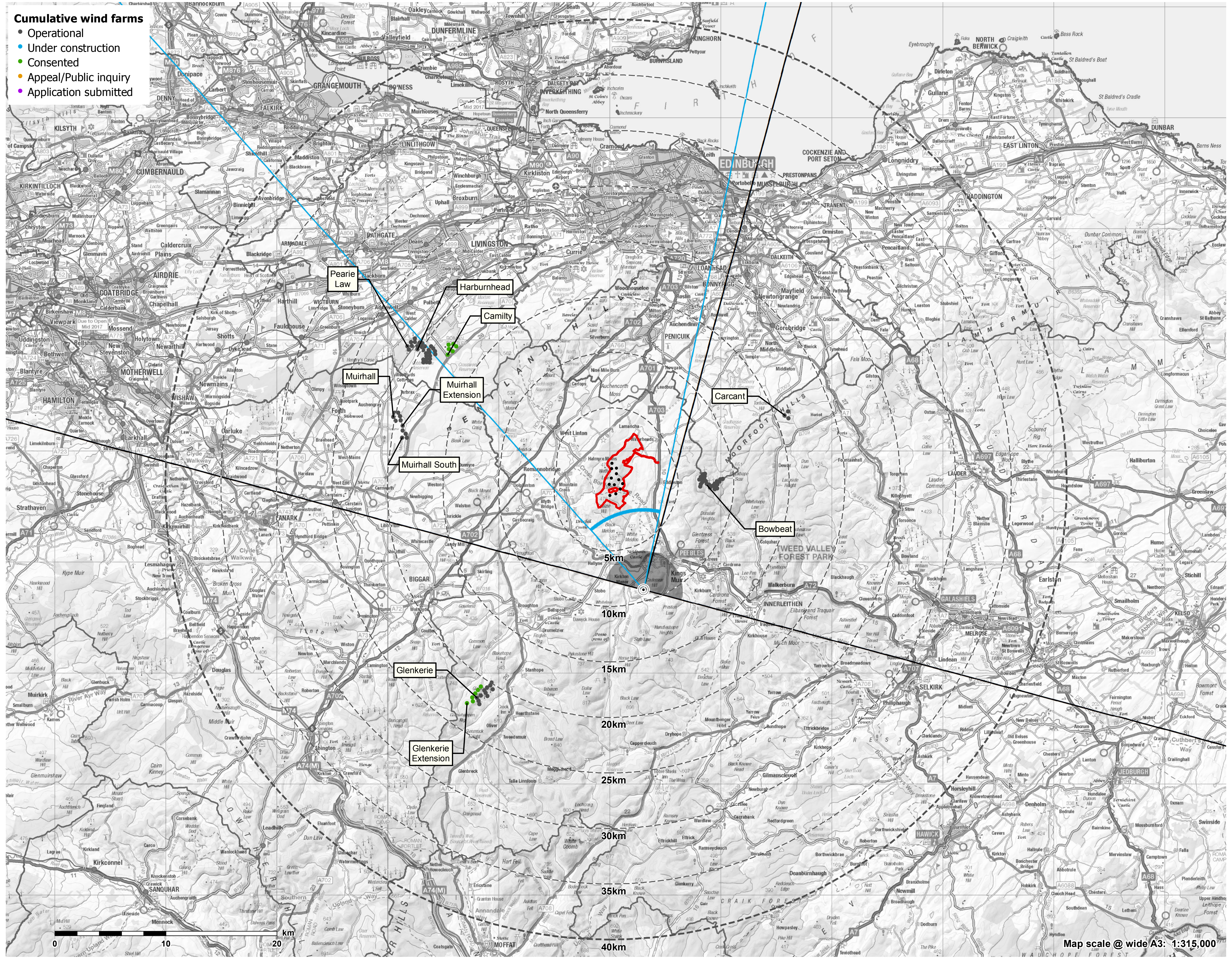
Horizontal field of view: 53.5° (planar projection)
Principal distance: 812.5 mm
Paper size: 841 x 297 mm (half A1)
Correct printed image size: 820 x 260 mm

Camera: Nikon D600
Lens: 50mm Fixed Focal Length
Camera height: 1.5 m

Photography Date: 20/05/2020
Photography Time: 12:20

Cloich

Figure: 5.2.18c
Viewpoint 18: A702 Dolphinton


Cumulative wind farms
● Operational
● Under construction
● Consented
● Appeal/Public inquiry
● Application submitted
Pearie Law
Harburnhead
Camilty
Muirhall
Muirhall Extension
Muirhall South
Carcant
Bowbeat
Glenkerie
Glenkerie Extension
EDINBURGH
5km
10km
15km
20km
25km
30km
35km
40km
0
10
20
km
Map scale @ wide A3: 1:315,000

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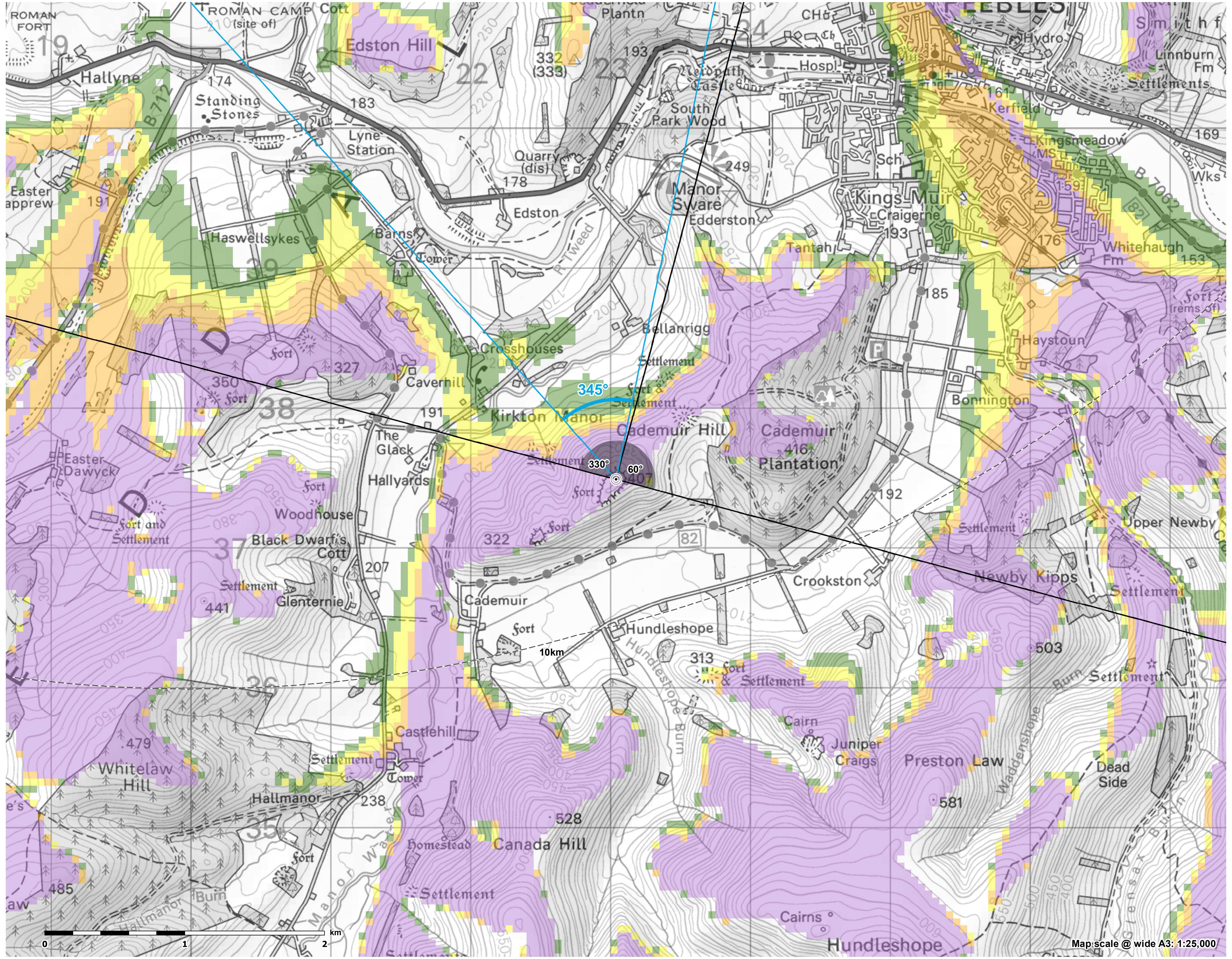

345°
330°
60°
10km
Cademuir Hill
Kirkton Manor
0
1
2
km
Map scale @ wide A3: 1:25,000

© Crown copyright and database rights 2021 Ordnance Survey 0100031673.

CB:EL EB:lendak_e LUC FIG5-2x_r1_10801_VPoverviews 04/06/2021
Source: EDF, LUC

- 🟥 Site boundary
- ● Turbine location
- ⬚ 5km intervals from outermost turbines
- ⬚ 40km study area
- ⊙ Viewpoint

Theoretical turbine tip visibility

- 🟩 1-3 Turbines are visible
- 🟨 4-6 Turbines are visible
- 🟧 7-9 Turbines are viible
- 🟪 10-12 Turbines are visible
- ∨ 53.5° Field of view
- ∨ 90° Field of view

Notes

Cumulative wind farms based on information available to LUC on 09/02/2021.

The ZTV is calculated to turbine tip height (149.9 m) from a viewing height of 2 m above ground level. The terrain model assumes bare ground and is derived from OS Terrain 50 height data (obtained from Ordnance Survey in July 2019).
Earth curvature and atmospheric refraction have been taken into account.
The ZTV was calculated using ArcMap 10.5.1 software.

NORTH

Produced By: EL	Ref: Pr No.-REP-Dr. No.
Checked By: LC	Date: 04/06/2021

Viewpoint 19:
Cademuir Hill Fort
Figure 5.2.19

Cloich Forest Wind Farm
EIA Report

Baseline photograph
This image provides landscape and visual context only

Wireline drawing
Extent of central 50mm frame used to construct panorama
Extent of 53.5° planar panorama
Black Law
Muirhall
Tormywheel
Tormywheel Extension
Heathland
Longhill Burn
Harburnhead
Cloich
290
300
310
320
330
340
350
N
000
010

LUC

OS reference: 323039E 637489N
AOD: 395 m
Direction of view: 330°
Nearest turbine: 8.99 km

Horizontal field of view: 90° (cylindrical projection)
Principal distance: 522 mm
Paper size: 841 x 297 mm (half A1)
Correct printed image size: 820 x 260 mm

Camera: Nikon D600
Lens: 50mm Fixed Focal Length
Camera height: 1.5 m

Photography Date: 25/06/2020
Photography Time: 12:50

Wind Farm Developments key (by status):

Proposed scheme	Application
Operational	Scoping
Under construction	Appeal/PLI
Consented	

Cloich

Figure: 5.2.19a

Viewpoint 19: Cademuir Hill Fort

Baseline photograph

This image provides landscape and visual context only

Wireline drawing

Bowbeat
020
030
040
050
060
070
080
E
090
100

LUC

OS reference:	323039E 637489N	Horizontal field of view:	90° (cylindrical projection)	Camera:	Nikon D600	Photography Date:	25/06/2020
AOD:	395 m	Principal distance:	522 mm	Lens:	50mm Fixed Focal Length	Photography Time:	12:50
Direction of view:	60°	Paper size:	841 x 297 mm (half A1)	Camera height:	1.5 m		
Nearest turbine:	8.99 km	Correct printed image size:	820 x 260 mm				

Wind Farm Developments key (by status):

Proposed scheme	Application
Operational	Scoping
Under construction	Appeal/PLI
Consented	

Cloich

Figure: 5.2.19b

Viewpoint 19: Cademuir Hill Fort

2
1
6
3
7
11
12
8
4
10
9
5
Wireline drawing
View flat at a comfortable arm's length

LUC

OS reference: 323039E 637489N
AOD: 395 m
Direction of view: 345°
Nearest turbine: 8.99 km

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

Wind Farm Developments key (by status):
Proposed scheme
Operational
Under construction

Cloich

Figure: 5.2.19c

Viewpoint 19: Cademuir Hill Fort

Photomontage
View flat at a comfortable arm’s length

LUC

OS reference: 323039E 637489N
AOD: 395 m
Direction of view: 345°
Nearest turbine: 8.99 km

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

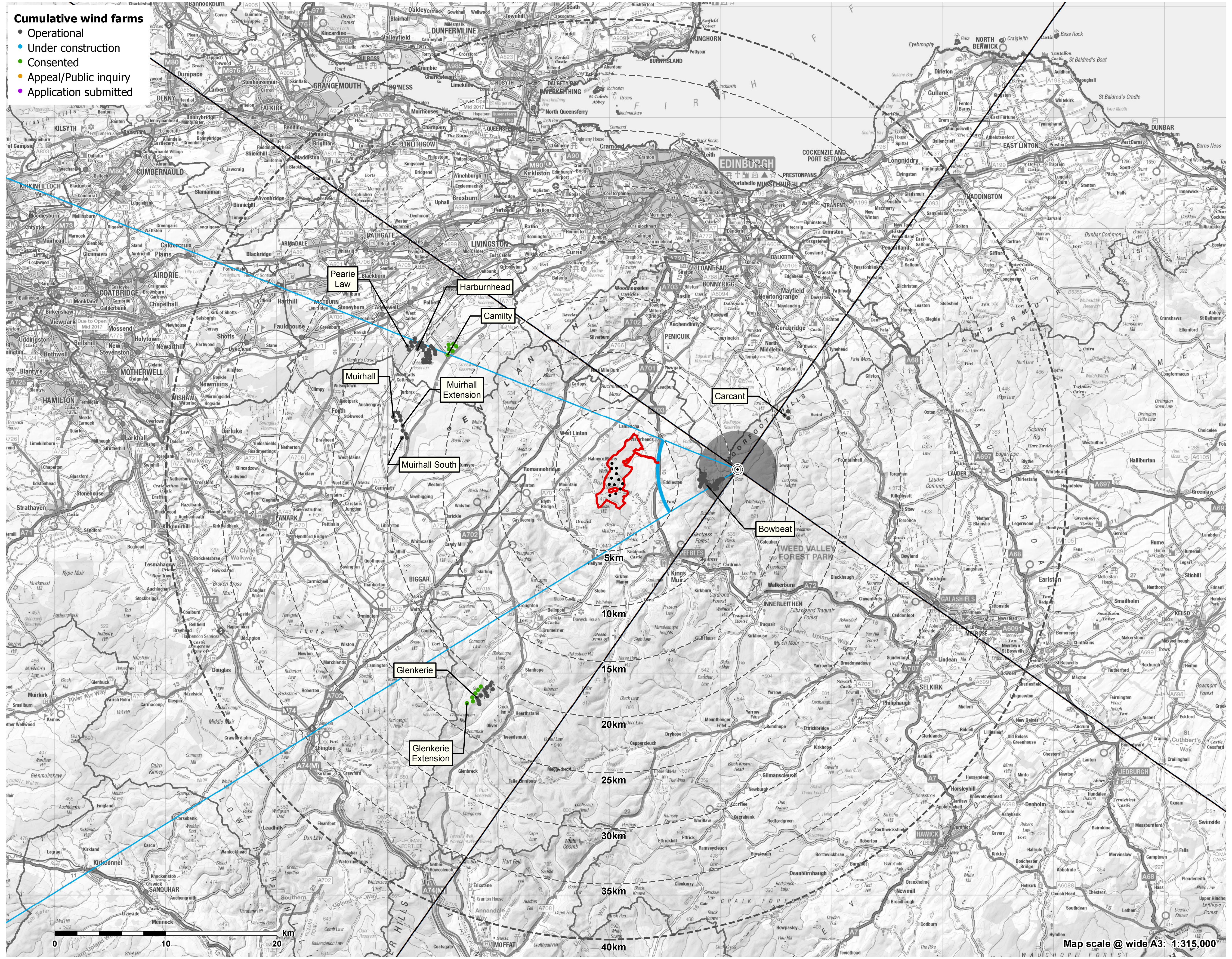
Camera: Nikon D600
Lens: 50mm Fixed Focal Length
Camera height: 1.5 m

Photography Date: 25/06/2020
Photography Time: 12:50

Cloich

Figure: 5.2.19d

Viewpoint 19: Cademuir Hill Fort


Cumulative wind farms
● Operational
● Under construction
● Consented
● Appeal/Public inquiry
● Application submitted
Pearie Law
Harburnhead
Camilty
Muirhall
Muirhall Extension
Muirhall South
Carcant
Bowbeat
Glenkerie
Glenkerie Extension
EDINBURGH
5km
10km
15km
20km
25km
30km
35km
40km
0 10 20 km
Map scale @ wide A3: 1:315,000

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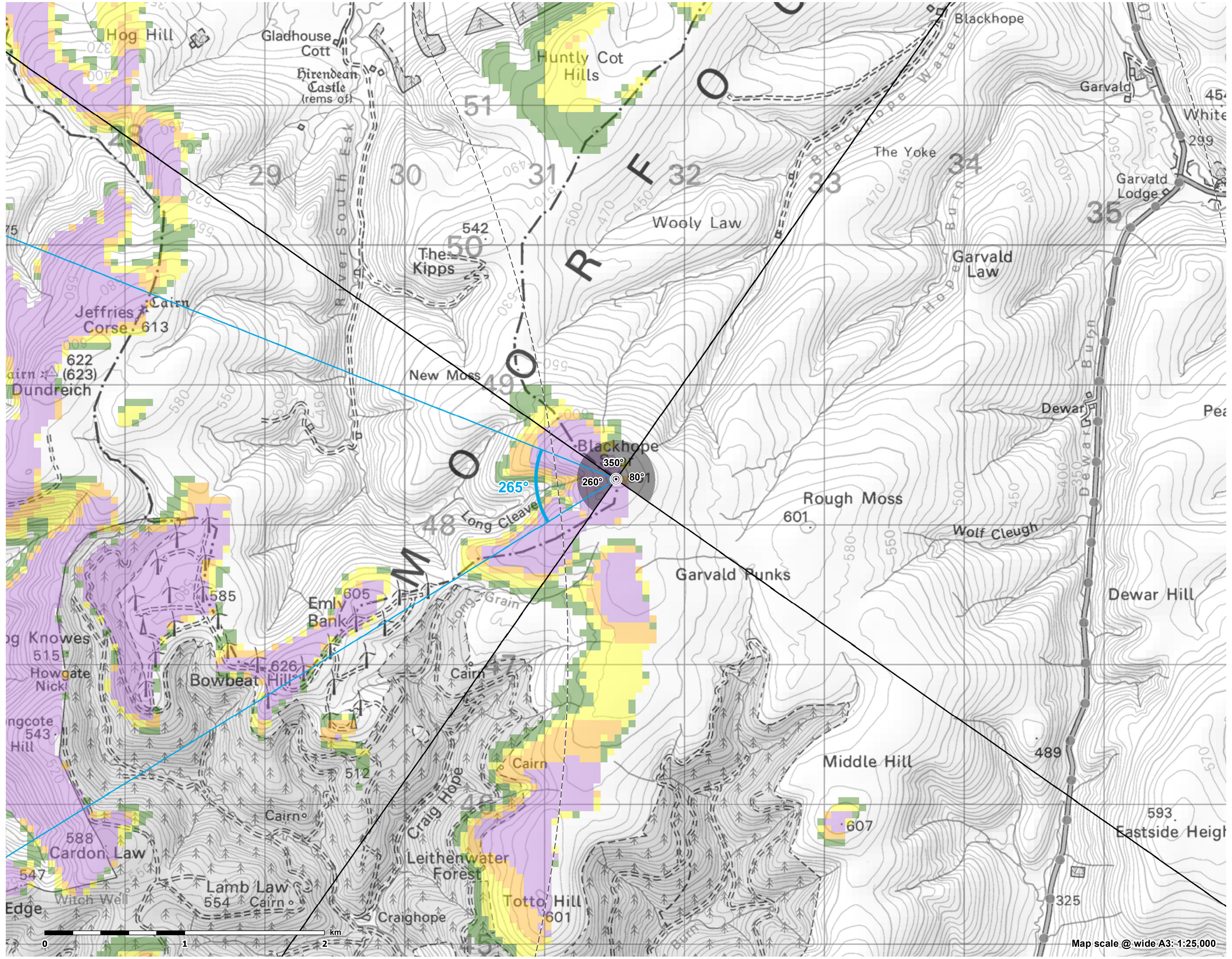
Blackhope Scar
350°
260°
80°
265°
Hog Hill
Gladhouse Cott
Huntly Cot Hills
Jeffries Corse 613
Dundreich
New Moss
Wooly Law
Garvald Law
The Yoke
Rough Moss
Garvald Punks
Wolf Cleugh
Dewar Hill
Middle Hill
Emly Bank
Bowbeat Hill
Cardon Law
Lamb Law
Leithen Water Forest
Totto Hill
Craighope
Eastside Heigh
0 1 2 km
Map scale @ wide A3: 1:25,000

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CB:EL EB:lendak_e LUC FIG5-2x_r1_10801_VPoverviews 04/06/2021
Source: EDF, LUC

- 🟥 Site boundary
- ● Turbine location
- ⬚ 5km intervals from outermost turbines
- ⬚ 40km study area
- ⊙ Viewpoint

Theoretical turbine tip visibility

- 🟩 1-3 Turbines are visible
- 🟨 4-6 Turbines are visible
- 🟧 7-9 Turbines are viible
- 🟪 10-12 Turbines are visible
- ∨ 53.5° Field of view
- ∨ 90° Field of view

Notes

Cumulative wind farms based on information available to LUC on 09/02/2021.

The ZTV is calculated to turbine tip height (149.9 m) from a viewing height of 2 m above ground level. The terrain model assumes bare ground and is derived from OS Terrain 50 height data (obtained from Ordnance Survey in July 2019).
Earth curvature and atmospheric refraction have been taken into account.
The ZTV was calculated using ArcMap 10.5.1 software.

NORTH

Produced By: EL	Ref: Pr No.-REP-Dr. No.
Checked By: LC	Date: 04/06/2021

Viewpoint 20:
Blackhope Scar
Figure 5.2.20

Cloich Forest Wind Farm
EIA Report

Baseline photograph
This image provides landscape and visual context only

Wireline drawing
Extent of central 50mm frame used to construct panorama
Extent of 53.5° planar panorama
Cloich
Black Law
Tormywheel
Harburnhead
Bowbeat
Muirhall
Hartwood
Clyde
Middle Muir
Broken Cross surface mine
Watsonhead Farm
Tormywheel Extension
Longhill Burn
Glenkerie
Priestgill
Broken Cross
Heathland
Glenkerie Extension
W
220
230
240
250
260
270
280
290
300

LUC

OS reference: 331511E 648324N
AOD: 651 m
Direction of view: 260°
Nearest turbine: 10.42 km

Horizontal field of view: 90° (cylindrical projection)
Principal distance: 522 mm
Paper size: 841 x 297 mm (half A1)
Correct printed image size: 820 x 260 mm

Camera: Nikon D600
Lens: 50mm Fixed Focal Length
Camera height: 1.5 m

Photography Date: 31/07/2020
Photography Time: 11:45

Wind Farm Developments key (by status):

Proposed scheme
Operational
Under construction
Consented

Application
Scoping
Appeal/PLI

Cloich

Figure: 5.2.20a

Viewpoint 20: Blackhope Scar

Baseline photograph
This image provides landscape and visual context only

Wireline drawing
310
320
330
340
350
N
000
010
020
030

LUC

OS reference:	331511E 648324N	Horizontal field of view:	90° (cylindrical projection)	Camera:	Nikon D600	Photography Date:	31/07/2020
AOD:	651 m	Principal distance:	522 mm	Lens:	50mm Fixed Focal Length	Photography Time:	11:45
Direction of view:	350°	Paper size:	841 x 297 mm (half A1)	Camera height:	1.5 m		
Nearest turbine:	10.42 km	Correct printed image size:	820 x 260 mm				

Wind Farm Developments key (by status):

Proposed scheme	Application
Operational	Scoping
Under construction	Appeal/PLI
Consented	

Cloich

Figure: 5.2.20b

Viewpoint 20: Blackhope Scar

Baseline photograph
This image provides landscape and visual context only

Wireline drawing
Carcant
Keith Hill
Pogbie
Dun Law
Fallago Rig
Toddleburn
040
050
060
070
080
E
090
100
110
120

LUC

OS reference:	331511E 648324N
AOD:	651 m
Direction of view:	80°
Nearest turbine:	10.42 km

Horizontal field of view:	90° (cylindrical projection)
Principal distance:	522 mm
Paper size:	841 x 297 mm (half A1)
Correct printed image size:	820 x 260 mm

Camera:	Nikon D600
Lens:	50mm Fixed Focal Length
Camera height:	1.5 m

Photography Date:	31/07/2020
Photography Time:	11:45

Wind Farm Developments key (by status):

Proposed scheme	Application
Operational	Scoping
Under construction	Appeal/PLI
Consented	

Cloich

Figure: 5.2.20c

Viewpoint 20: Blackhope Scar

2
3
4
7
5
1
9
6
8
11
10
12

Wireline drawing

View flat at a comfortable arm’s length

LUC

OS reference: 331511E 648324N
AOD: 651 m
Direction of view: 265°
Nearest turbine: 10.42 km

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

Wind Farm Developments key (by status):
Proposed scheme
Operational
Under construction

Cloich

Figure: 5.2.20d

Viewpoint 20: Blackhope Scar

Photomontage
View flat at a comfortable arm’s length

OS reference: 331511E 648324N
AOD: 651 m
Direction of view: 265°
Nearest turbine: 10.42 km

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

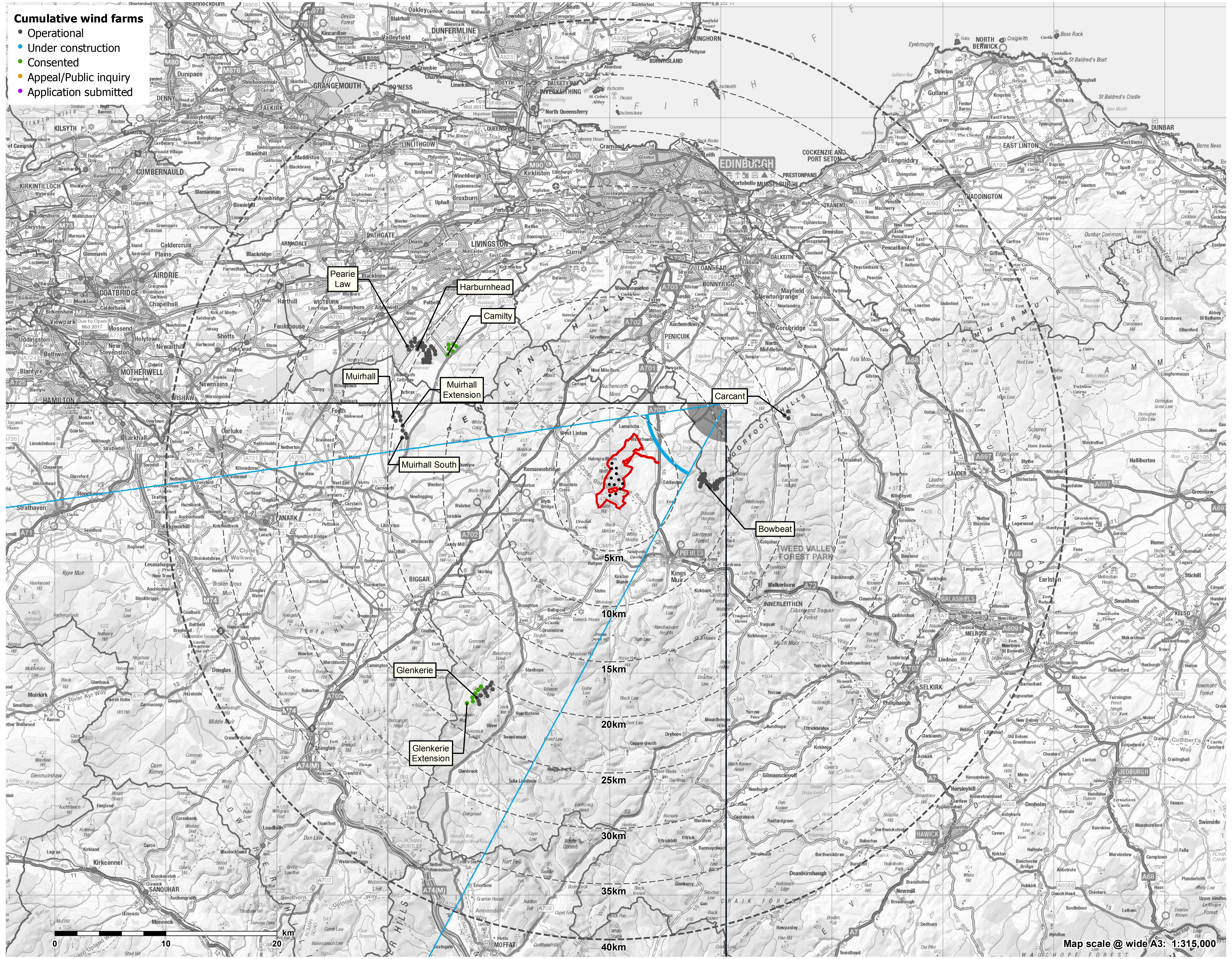
Camera: Nikon D600
Lens: 50mm Fixed Focal Length
Camera height: 1.5 m

Photography Date: 31/07/2020
Photography Time: 11:45

Cloich

Figure: 5.2.20e

Viewpoint 20: Blackhope Scar


Cumulative wind farms
● Operational
● Under construction
● Consented
● Appeal/Public inquiry
● Application submitted
Pearie Law
Harburnhead
Camilty
Muirhall
Muirhall Extension
Carcant
Muirhall South
Bowbeat
Glenkerie
Glenkerie Extension
5km
10km
15km
20km
25km
30km
35km
40km
0
10
20
km
Map scale @ wide A3: 1:315,000

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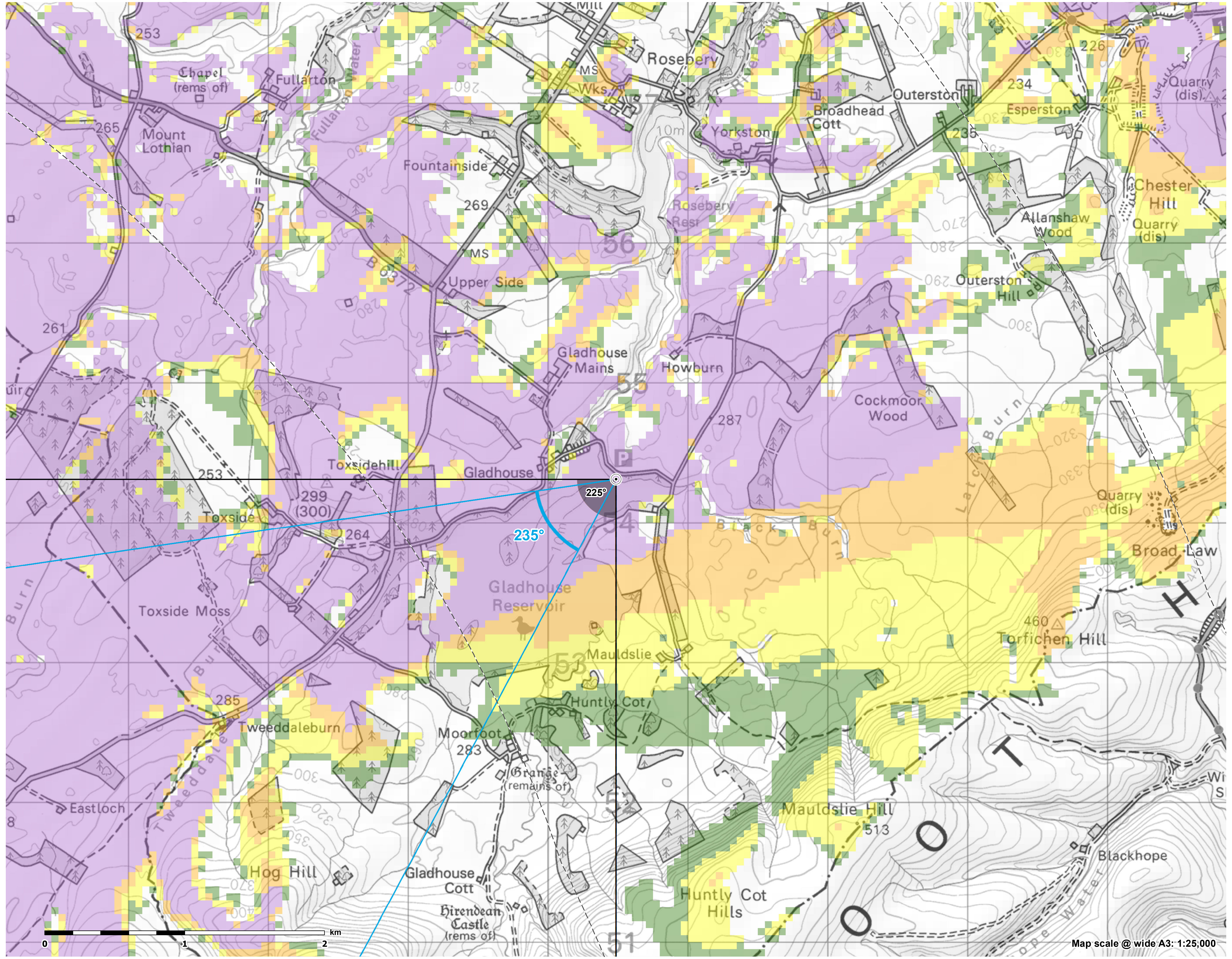
225°
235°
Gladhouse
Gladhouse Reservoir
Toxside Moss
0
1
2
km
Map scale @ wide A3: 1:25,000

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CB:EL EB:lendak_e LUC FIG5-2x_r1_10801_VPoverviews 04/06/2021
Source: EDF, LUC

🟥 Site boundary

● Turbine location

▭ 5km intervals from outermost turbines

▭ 40km study area

⊙ Viewpoint

Theoretical turbine tip visibility

🟩 1-3 Turbines are visible

🟨 4-6 Turbines are visible

🟧 7-9 Turbines are viible

🟪 10-12 Turbines are visible

V 53.5° Field of view

V 90° Field of view

Notes

Cumulative wind farms based on information available to LUC on 09/02/2021.

The ZTV is calculated to turbine tip height (149.9 m) from a viewing height of 2 m above ground level. The terrain model assumes bare ground and is derived from OS Terrain 50 height data (obtained from Ordnance Survey in July 2019).
Earth curvature and atmospheric refraction have been taken into account.
The ZTV was calculated using ArcMap 10.5.1 software.

NORTH

Produced By: EL	Ref: Pr No.-REP-Dr. No.
Checked By: LC	Date: 04/06/2021

Viewpoint 21:
Gladhouse Reservoir
Figure 5.2.21

Cloich Forest Wind Farm
EIA Report

Baseline photograph
This image provides landscape and visual context only

Wireline drawing
Extent of central 50mm frame used to construct panorama
Extent of 53.5° planar panorama
Bowbeat
Cloich
S
30
190
200
210
220
230
240
250
260
W
27

LUC

OS reference: 330486E 654310N
AOD: 273 m
Direction of view: 225°
Nearest turbine: 11.49 km

Horizontal field of view: 90° (cylindrical projection)
Principal distance: 522 mm
Paper size: 841 x 297 mm (half A1)
Correct printed image size: 820 x 260 mm

Camera: Nikon D600
Lens: 50mm Fixed Focal Length
Camera height: 1.5 m

Photography Date: 20/05/2020
Photography Time: 08:40

Wind Farm Developments key (by status):
- Proposed scheme
- Operational
- Under construction
- Consented
- Application
- Scoping
- Appeal/PLI

Cloich

Figure: 5.2.21a

Viewpoint 21: Gladhouse Reservoir

3
4
2
5
7
9
1
6
8
10
11
12

Wireline drawing

View flat at a comfortable arm’s length

LUC

OS reference:	330486E 654310N
AOD:	273 m
Direction of view:	235°
Nearest turbine:	11.49 km

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

Wind Farm Developments key (by status):
- Proposed scheme
- Operational
- Under construction

Cloich

Figure: 5.2.21b

Viewpoint 21: Gladhouse Reservoir

Photomontage
View flat at a comfortable arm's length

LUC

OS reference:	330486E 654310N	Horizontal field of view:	53.5° (planar projection)	Camera:	Nikon D600	Photography Date:	20/05/2020
AOD:	273 m	Principal distance:	812.5 mm	Lens:	50mm Fixed Focal Length	Photography Time:	08:40
Direction of view:	235°	Paper size:	841 x 297 mm (half A1)	Camera height:	1.5 m		
Nearest turbine:	11.49 km	Correct printed image size:	820 x 260 mm				

Cloich

Figure: 5.2.21c

Viewpoint 21: Gladhouse Reservoir

Cumulative wind farms
Operational
Under construction
Consented
Appeal/Public inquiry
Application submitted
Pearie Law
Harburnhead
Camity
Muirhall
Muirhall Extension
Muirhall South
Carcant
Bowbeat
Glenkerie
Glenkerie Extension
5km
10km
15km
20km
25km
30km
35km
40km
EDINBURGH
PENICUIK
0 10 20 km
Map scale @ wide A3: 1:315,000
Carnethy
270°
90°
180°
Pentland Hills Regional Park
0 1 2 km
Map scale @ wide A3: 1:25,000

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CB:EL EB:lendak_e LUC FIG5-2x_r1_10801_VPoverviews 04/06/2021
Source: EDF, LUC

EDF renewables

LUC

ARCUS

- 🟥 Site boundary
- ● Turbine location
- ▭ 5km intervals from outermost turbines
- ▭ 40km study area
- ⊙ Viewpoint

Theoretical turbine tip visibility

- 🟩 1-3 Turbines are visible
- 🟨 4-6 Turbines are visible
- 🟧 7-9 Turbines are viible
- 🟪 10-12 Turbines are visible
- ∨ 53.5° Field of view
- ∨ 90° Field of view

Notes

Cumulative wind farms based on information available to LUC on 09/02/2021.

The ZTV is calculated to turbine tip height (149.9 m) from a viewing height of 2 m above ground level. The terrain model assumes bare ground and is derived from OS Terrain 50 height data (obtained from Ordnance Survey in July 2019).
Earth curvature and atmospheric refraction have been taken into account.
The ZTV was calculated using ArcMap 10.5.1 software.

NORTH

Produced By: EL	Ref: Pr No.-REP-Dr. No.
Checked By: LC	Date: 04/06/2021

Viewpoint 22:
Carnethy Hill
Figure 5.2.22

Cloich Forest Wind Farm
EIA Report

Baseline photograph
This image provides landscape and visual context only

Wireline drawing
Fallago Rig
Keith Hill
Pogbie
Dun Law
Toddleburn
Carcant
050
060
070
080
E
090
100
110
120
130

LUC

OS reference:	320390E 661900N
AOD:	565 m
Direction of view:	90°
Nearest turbine:	13.02 km

Horizontal field of view:	90° (cylindrical projection)
Principal distance:	522 mm
Paper size:	841 x 297 mm (half A1)
Correct printed image size:	820 x 260 mm

Camera:	Nikon D600
Lens:	50mm Fixed Focal Length
Camera height:	1.5 m

Photography Date:	01/08/2020
Photography Time:	15:40

Wind Farm Developments key (by status):

Proposed scheme
Operational
Under construction
Consented
Application
Scoping
Appeal/PLI

Cloich

Figure: 5.2.22a
Viewpoint 22: Carnethy Hill

Baseline photograph
This image provides landscape and visual context only

Wireline drawing
Extent of central 50mm frame used to construct panorama
Extent of 53.5° planar panorama
Bowbeat
Cloich
Whitelaw Brae
Glenkerie
Glenkerie Extension
Clyde
Priestgill
140
150
160
170
S
180
190
200
210
220

OS reference: 320390E 661900N
AOD: 565 m
Direction of view: 180°
Nearest turbine: 13.02 km

Horizontal field of view: 90° (cylindrical projection)
Principal distance: 522 mm
Paper size: 841 x 297 mm (half A1)
Correct printed image size: 820 x 260 mm

Camera: Nikon D600
Lens: 50mm Fixed Focal Length
Camera height: 1.5 m

Photography Date: 01/08/2020
Photography Time: 15:40

Wind Farm Developments key (by status):

- Proposed scheme
- Operational
- Under construction
- Consented
- Application
- Scoping
- Appeal/PLI

Cloich

Figure: 5.2.22b
Viewpoint 22: Carnethy Hill

Baseline photograph

This image provides landscape and visual context only

Wireline drawing

Muirhall
Black Law
Harburnhead
Pates Hill
Pearie Law
Tormywheel
Camilty
Watsonhead Farm
Tormywheel Extension
Longhill Burn
Heathland
Hartwood
West Benhar
Torrance Farm
Forrestfield
Standhill Farm
Burnhead
Drumduff
W
230
240
250
260
270
280
290
300
310

LUC

OS reference:	320390E 661900N
AOD:	565 m
Direction of view:	270°
Nearest turbine:	13.02 km

Horizontal field of view:	90° (cylindrical projection)
Principal distance:	522 mm
Paper size:	841 x 297 mm (half A1)
Correct printed image size:	820 x 260 mm

Camera:	Nikon D600
Lens:	50mm Fixed Focal Length
Camera height:	1.5 m

Photography Date:	01/08/2020
Photography Time:	15:40

Wind Farm Developments key (by status):

Proposed scheme	Application
Operational	Scoping
Under construction	Appeal/PLI
Consented	

Cloich

Figure: 5.2.22c

Viewpoint 22: Carnethy Hill

5
4
9
8
10
3
7
12
11
6
2
1

Wireline drawing

View flat at a comfortable arm's length

LUC

OS reference:	320390E 661900N
AOD:	565 m
Direction of view:	180°
Nearest turbine:	13.02 km

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

Wind Farm Developments key (by status):	Proposed scheme Operational Under construction

Cloich

Figure: 5.2.22d
Viewpoint 22: Carnethy Hill

Photomontage
View flat at a comfortable arm’s length

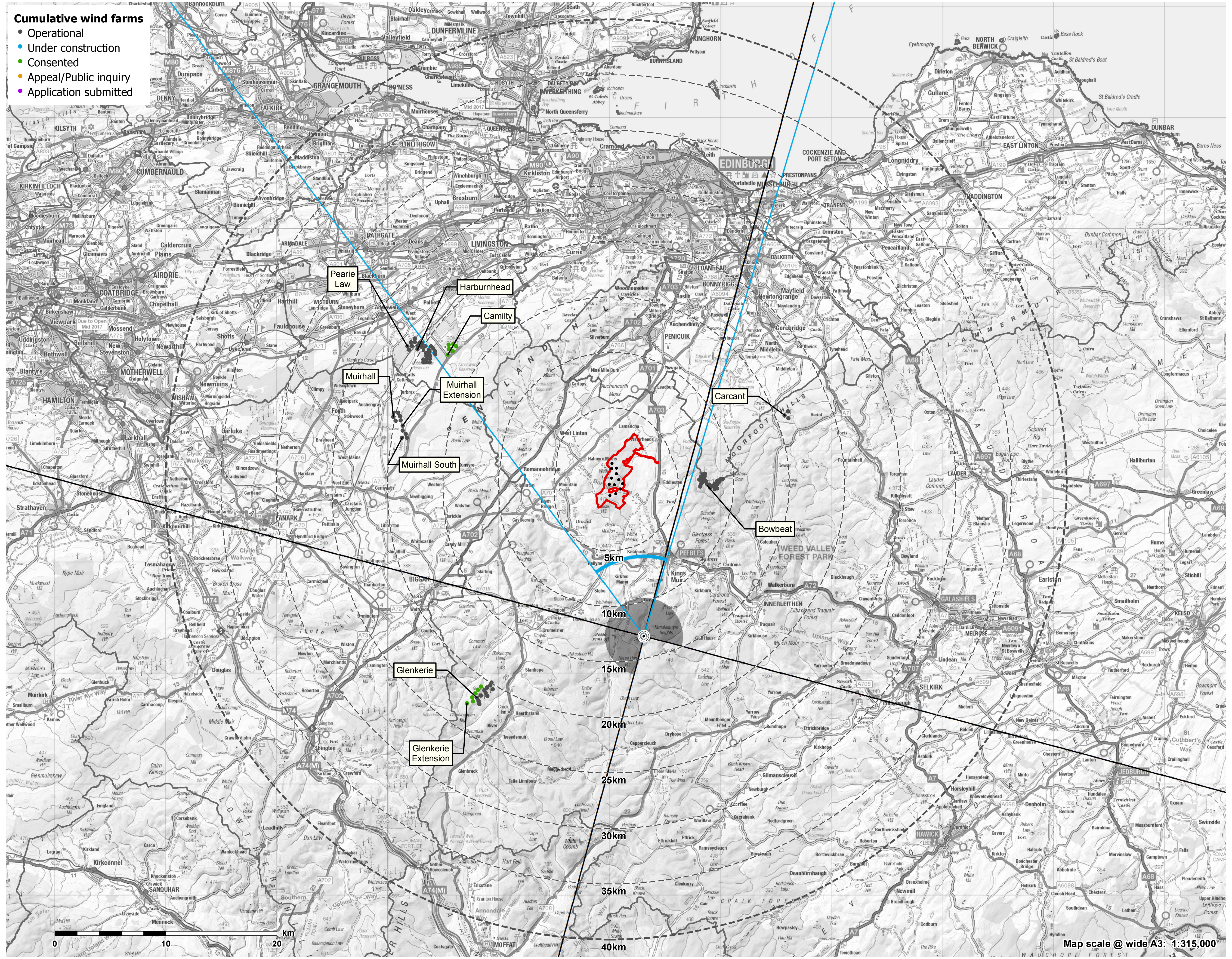
LUC

OS reference:	320390E 661900N	Horizontal field of view:	53.5° (planar projection)	Camera:	Nikon D600	Photography Date:	01/08/2020
AOD:	565 m	Principal distance:	812.5 mm	Lens:	50mm Fixed Focal Length	Photography Time:	15:40
Direction of view:	180°	Paper size:	841 x 297 mm (half A1)	Camera height:	1.5 m		
Nearest turbine:	13.02 km	Correct printed image size:	820 x 260 mm				

Cloich

Figure: 5.2.22e

Viewpoint 22: Carnethy Hill


Cumulative wind farms
● Operational
● Under construction
● Consented
● Appeal/Public inquiry
● Application submitted
Pearie Law
Harburnhead
Camilty
Muirhall
Muirhall Extension
Muirhall South
Carcant
Bowbeat
Glenkerie
Glenkerie Extension
5km
10km
15km
20km
25km
30km
35km
40km
EDINBURGH
0
10
20
km
Map scale @ wide A3: 1:315,000

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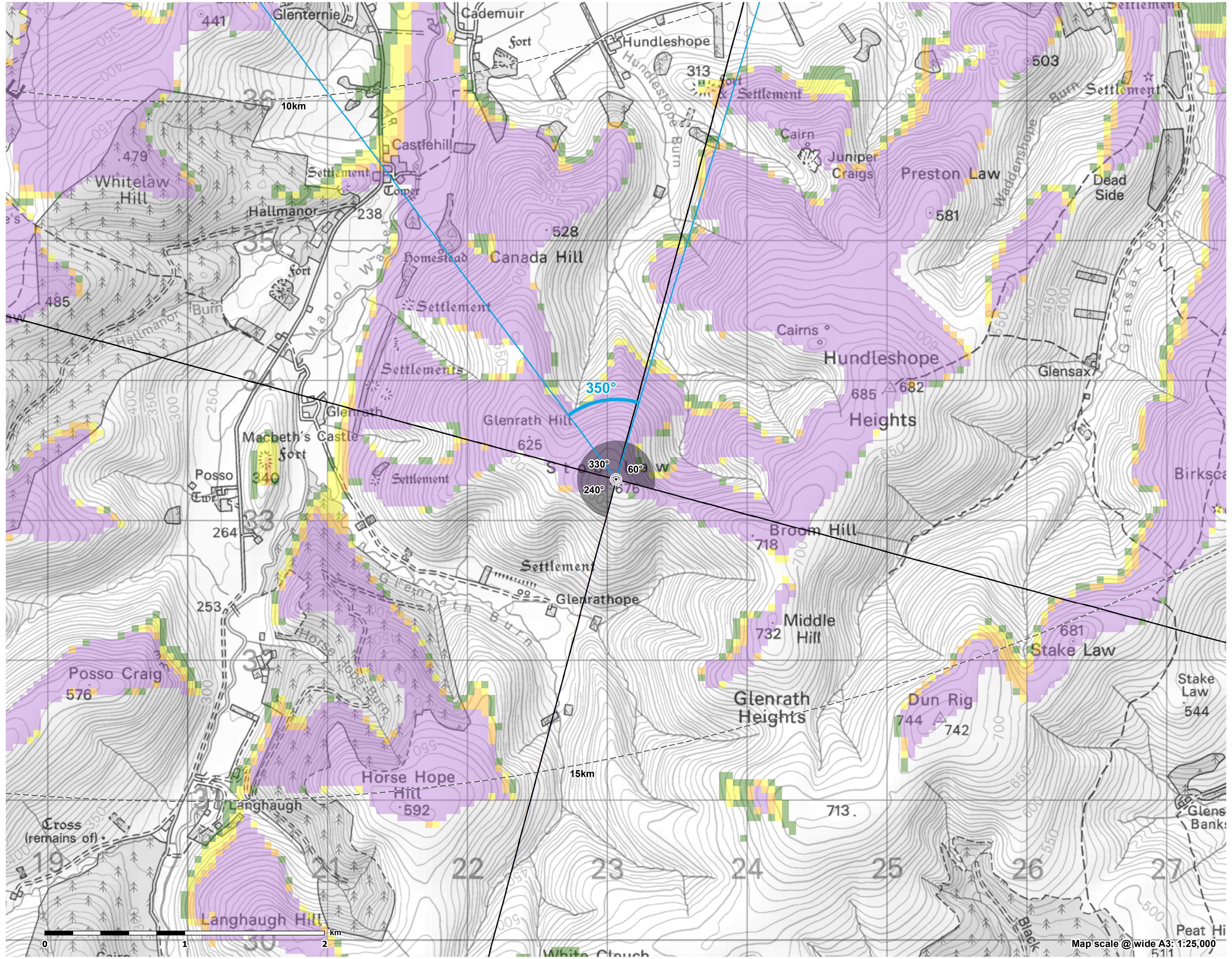

350°
330°
60°
240°
10km
15km
Canada Hill
Glenrath Hill
Hundleshope Heights
Broom Hill
Glenrathope
Middle Hill
Glenrath Heights
Stake Law
Dun Rig
Posso Craig
Horse Hope Hill
Langhaugh Hill
Preston Law
Whitelaw Hill
0
1
2
km
Map scale @ wide A3: 1:25,000

CB:EL EB:lendak_e LUC FIG5-2x_r1_10801_VPoverviews 04/06/2021
Source: EDF, LUC

🟥	Site boundary
●	Turbine location
▭	5km intervals from outermost turbines
▭	40km study area
⊙	Viewpoint

Theoretical turbine tip visibility

🟩	1-3 Turbines are visible
🟨	4-6 Turbines are visible
🟧	7-9 Turbines are viible
🟪	10-12 Turbines are visible
∨	53.5° Field of view
∨	90° Field of view

Notes

Cumulative wind farms based on information available to LUC on 09/02/2021.

The ZTV is calculated to turbine tip height (149.9 m) from a viewing height of 2 m above ground level. The terrain model assumes bare ground and is derived from OS Terrain 50 height data (obtained from Ordnance Survey in July 2019).
Earth curvature and atmospheric refraction have been taken into account.
The ZTV was calculated using ArcMap 10.5.1 software.

NORTH

Produced By: EL	Ref: Pr No.-REP-Dr. No.
Checked By: LC	Date: 04/06/2021

Viewpoint 23:
Stob Law
Figure 5.2.23

Cloich Forest Wind Farm
EIA Report

Baseline photograph
This image provides landscape and visual context only

Wireline drawing
Clyde
Broken Cross
200
210
220
230
240
250
260
W
270
280

LUC

OS reference:	323063E 633292N
AOD:	674 m
Direction of view:	240°
Nearest turbine:	13.05 km
Horizontal field of view:	90° (cylindrical projection)
Principal distance:	522 mm
Paper size:	841 x 297 mm (half A1)
Correct printed image size:	820 x 260 mm
Camera:	Nikon D600
Lens:	50mm Fixed Focal Length
Camera height:	1.5 m
Photography Date:	31/07/2020
Photography Time:	16:40

Wind Farm Developments key (by status):

Proposed scheme
Operational
Under construction
Consented
Application
Scoping
Appeal/PLI

Cloich

Figure: 5.2.23a

Viewpoint 23: Stob Law

Baseline photograph
This image provides landscape and visual context only

Wireline drawing
Extent of central 50mm frame used to construct panorama
Extent of 53.5° planar panorama
Black Law
Watsonhead Farm
Hartwood
Tormywheel
Tormywheel Extension
West Benhar
Heathland
Burnhead
Drumduff
Pates Hill
Torrance Farm
Longhill Burn
Harburnhead
Pearie Law
Camilty
Cloich
290
300
310
320
330
340
350
N
000
010

LUC

OS reference: 323063E 633292N
AOD: 674 m
Direction of view: 330°
Nearest turbine: 13.05 km

Horizontal field of view: 90° (cylindrical projection)
Principal distance: 522 mm
Paper size: 841 x 297 mm (half A1)
Correct printed image size: 820 x 260 mm

Camera: Nikon D600
Lens: 50mm Fixed Focal Length
Camera height: 1.5 m

Photography Date: 31/07/2020
Photography Time: 16:40

Wind Farm Developments key (by status):

- Proposed scheme
- Operational
- Under construction
- Consented
- Application
- Scoping
- Appeal/PLI

Cloich

Figure: 5.2.23b
Viewpoint 23: Stob Law

Baseline photograph
This image provides landscape and visual context only

Wireline drawing
Bowbeat
Fallago Rig
020
030
040
050
060
070
080
E
090
100

OS reference: 323063E 633292N
AOD: 674 m
Direction of view: 60°
Nearest turbine: 13.05 km

Horizontal field of view: 90° (cylindrical projection)
Principal distance: 522 mm
Paper size: 841 x 297 mm (half A1)
Correct printed image size: 820 x 260 mm

Camera: Nikon D600
Lens: 50mm Fixed Focal Length
Camera height: 1.5 m

Photography Date: 31/07/2020
Photography Time: 16:40

Wind Farm Developments key (by status):
Proposed scheme
Operational
Under construction
Consented
Application
Scoping
Appeal/PLI

Cloich

Figure: 5.2.23c

Viewpoint 23: Stob Law

2
1
6
3
7
11
12
8
10
4
9
5

Wireline drawing

View flat at a comfortable arm's length

LUC

OS reference:	323063E 633292N
AOD:	674 m
Direction of view:	350°
Nearest turbine:	13.05 km

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

Wind Farm Developments key (by status):

Proposed scheme
Operational
Under construction

Cloich

Figure: 5.2.23d
Viewpoint 23: Stob Law

Photomontage
View flat at a comfortable arm's length

LUC

OS reference: 323063E 633292N
AOD: 674 m
Direction of view: 350°
Nearest turbine: 13.05 km

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

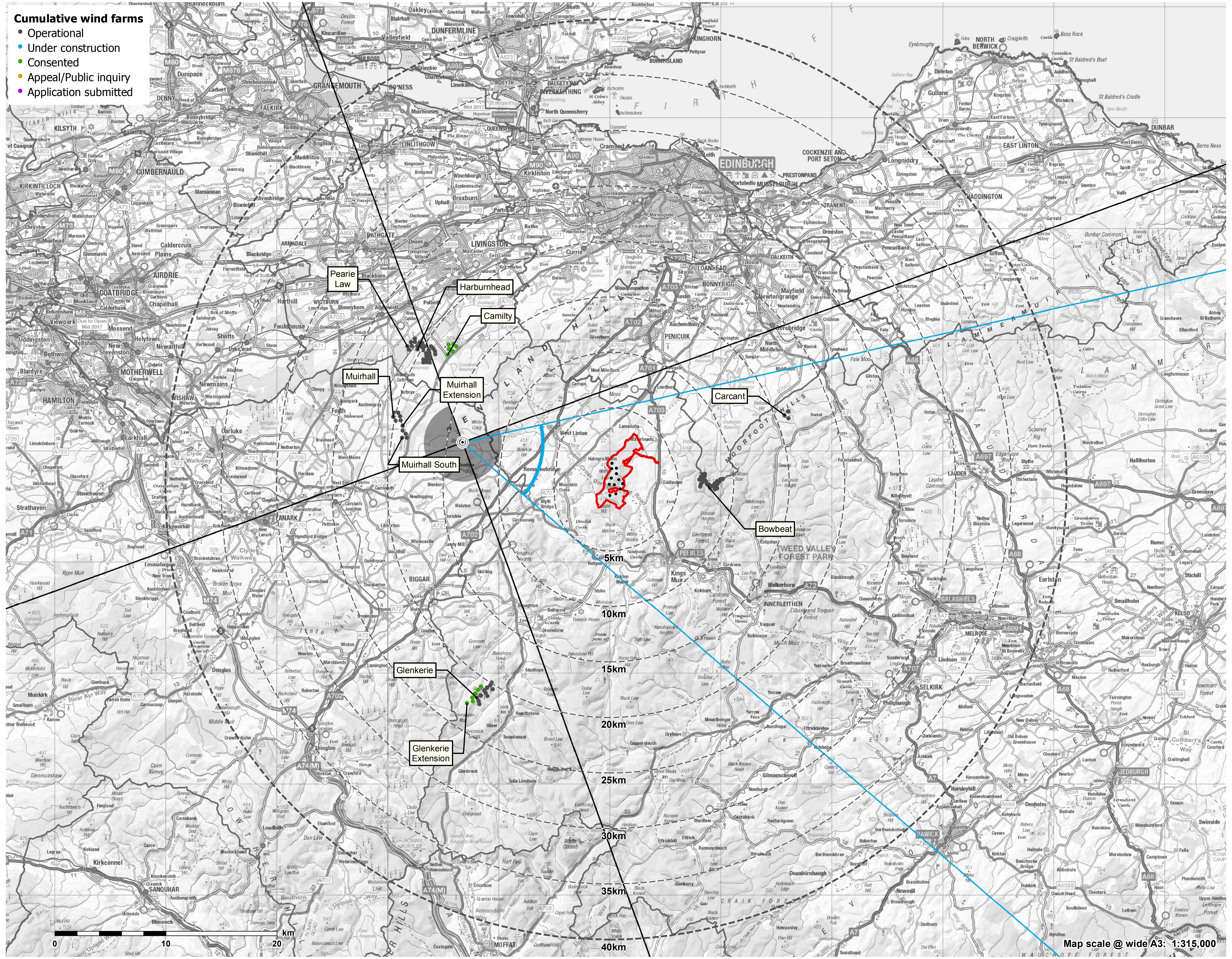
Camera: Nikon D600
Lens: 50mm Fixed Focal Length
Camera height: 1.5 m

Photography Date: 31/07/2020
Photography Time: 16:40

Cloich

Figure: 5.2.23e

Viewpoint 23: Stob Law


Cumulative wind farms
● Operational
● Under construction
● Consented
● Appeal/Public inquiry
● Application submitted
Pearie Law
Harburnhead
Camilty
Muirhall
Muirhall Extension
Muirhall South
Carcant
Bowbeat
Glenkerie
Glenkerie Extension
EDINBURGH
5km
10km
15km
20km
25km
30km
35km
40km
0
10
20
km
Map scale @ wide A3: 1:315,000

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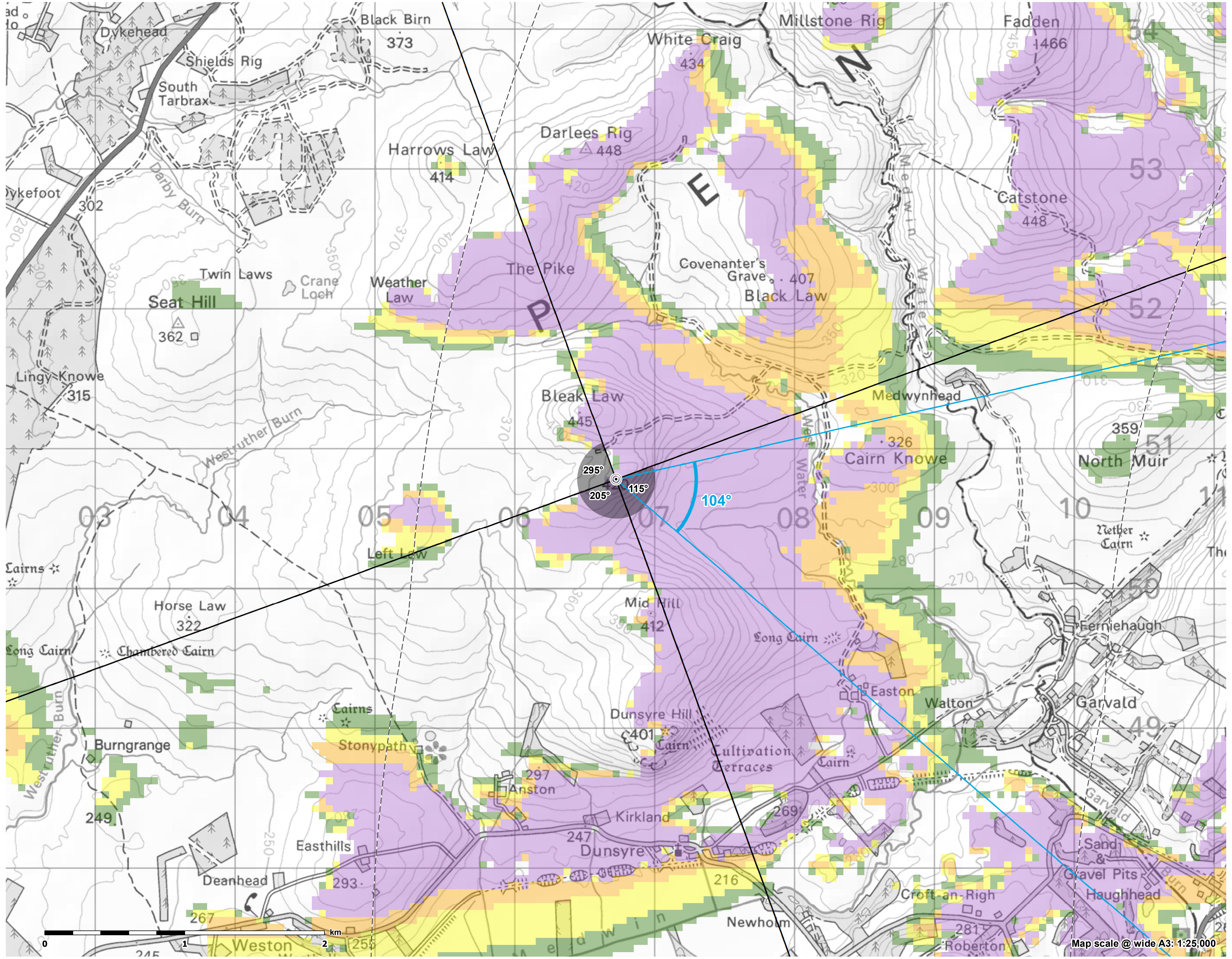

295°
205°
115°
104°
Bleak Law
445
Black Law
407
Medwynhead
Cairn Knowe
Mid Hill
412
Dunsyre Hill
401
Dunsyre
Seat Hill
362
The Pike
Darlees Rig
448
Catstone
448
North Muir
Walston
Garvald
Weston
Newholm
0
1
2
km
Map scale @ wide A3: 1:25,000

CB:EL EB:lendak_e LUC FIG5-2x_r1_10801_VPoverviews 04/06/2021
Source: EDF, LUC

edf renewables

LUC

ARCUS

🟥 Site boundary
● Turbine location
⬚ 5km intervals from outermost turbines
⬚ 40km study area
⊙ Viewpoint

Theoretical turbine tip visibility

🟩 1-3 Turbines are visible
🟨 4-6 Turbines are visible
🟧 7-9 Turbines are viible
🟪 10-12 Turbines are visible

V 53.5° Field of view
V 90° Field of view

Notes
Cumulative wind farms based on information available to LUC on 09/02/2021.

The ZTV is calculated to turbine tip height (149.9 m) from a viewing height of 2 m above ground level. The terrain model assumes bare ground and is derived from OS Terrain 50 height data (obtained from Ordnance Survey in July 2019).
Earth curvature and atmospheric refraction have been taken into account.
The ZTV was calculated using ArcMap 10.5.1 software.

NORTH

Produced By: EL	Ref: Pr No.-REP-Dr. No.
Checked By: LC	Date: 04/06/2021

Viewpoint 24:
Bleak Law
Figure 5.2.24

Cloich Forest Wind Farm
EIA Report

Baseline photograph
This image provides landscape and visual context only

Wireline drawing
Extent of central 50mm frame used to construct panorama
Extent of 53.5° planar panorama
Dun Law
Carcant
Fallago Rig
Keith Hill
Pogbie
Cloich
Bowbeat
E
70
080
090
100
110
120
130
140
150
16

LUC

OS reference: 306724E 650780N
AOD: 417 m
Direction of view: 115°
Nearest turbine: 13.62 km

Horizontal field of view: 90° (cylindrical projection)
Principal distance: 522 mm
Paper size: 841 x 297 mm (half A1)
Correct printed image size: 820 x 260 mm

Camera: Nikon D600
Lens: 50mm Fixed Focal Length
Camera height: 1.5 m

Photography Date: 01/10/2020
Photography Time: 17:20

Wind Farm Developments key (by status):

Proposed scheme	Application
Operational	Scoping
Under construction	Appeal/PLI
Consented	

Cloich

Figure: 5.2.24a

Viewpoint 24: Bleak Law

Baseline photograph
This image provides landscape and visual context only

Wireline drawing

Glenkerie
Glenkerie Extension
Clyde
Priestgill
Broken Cross surface mine
Burnhouse-Carnwath
Broken Cross
60
170
S
180
190
200
210
220
230
240
25

LUC

OS reference: 306724E 650780N
AOD: 417 m
Direction of view: 205°
Nearest turbine: 13.62 km

Horizontal field of view: 90° (cylindrical projection)
Principal distance: 522 mm
Paper size: 841 x 297 mm (half A1)
Correct printed image size: 820 x 260 mm

Camera: Nikon D600
Lens: 50mm Fixed Focal Length
Camera height: 1.5 m

Photography Date: 01/10/2020
Photography Time: 17:20

Wind Farm Developments key (by status):

Proposed scheme
Operational
Under construction
Consented

Application
Scoping
Appeal/PLI

Cloich
Figure: 5.2.24b
Viewpoint 24: Bleak Law

Baseline photograph
This image provides landscape and visual context only

Wireline drawing
Black Law
Muirhall
Watsonhead Farm
Hartwood
Tormywheel
Tormywheel Extension
West Benhar
Forrestfield
Heathland
Burnhead
Drumduff
Pates Hill
Torrance Farm
Longhill Burn
50
260
W
270
280
290
300
310
320
330
34

LUC

OS reference: 306724E 650780N
AOD: 417 m
Direction of view: 295°
Nearest turbine: 13.62 km

Horizontal field of view: 90° (cylindrical projection)
Principal distance: 522 mm
Paper size: 841 x 297 mm (half A1)
Correct printed image size: 820 x 260 mm

Camera: Nikon D600
Lens: 50mm Fixed Focal Length
Camera height: 1.5 m

Photography Date: 01/10/2020
Photography Time: 17:20

Wind Farm Developments key (by status):		
	Proposed scheme	Application
	Operational	Scoping
	Under construction	Appeal/PLI
	Consented	

Cloich

Figure: 5.2.24c

Viewpoint 24: Bleak Law

12
10
11
8
9
6
5
7
1
4
3
2

Wireline drawing

View flat at a comfortable arm's length

LUC

OS reference:	306724E 650780N
AOD:	417 m
Direction of view:	104°
Nearest turbine:	13.62 km

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

Wind Farm Developments key (by status):	Proposed scheme Operational Under construction

Cloich

Figure: 5.2.24d

Viewpoint 24: Bleak Law

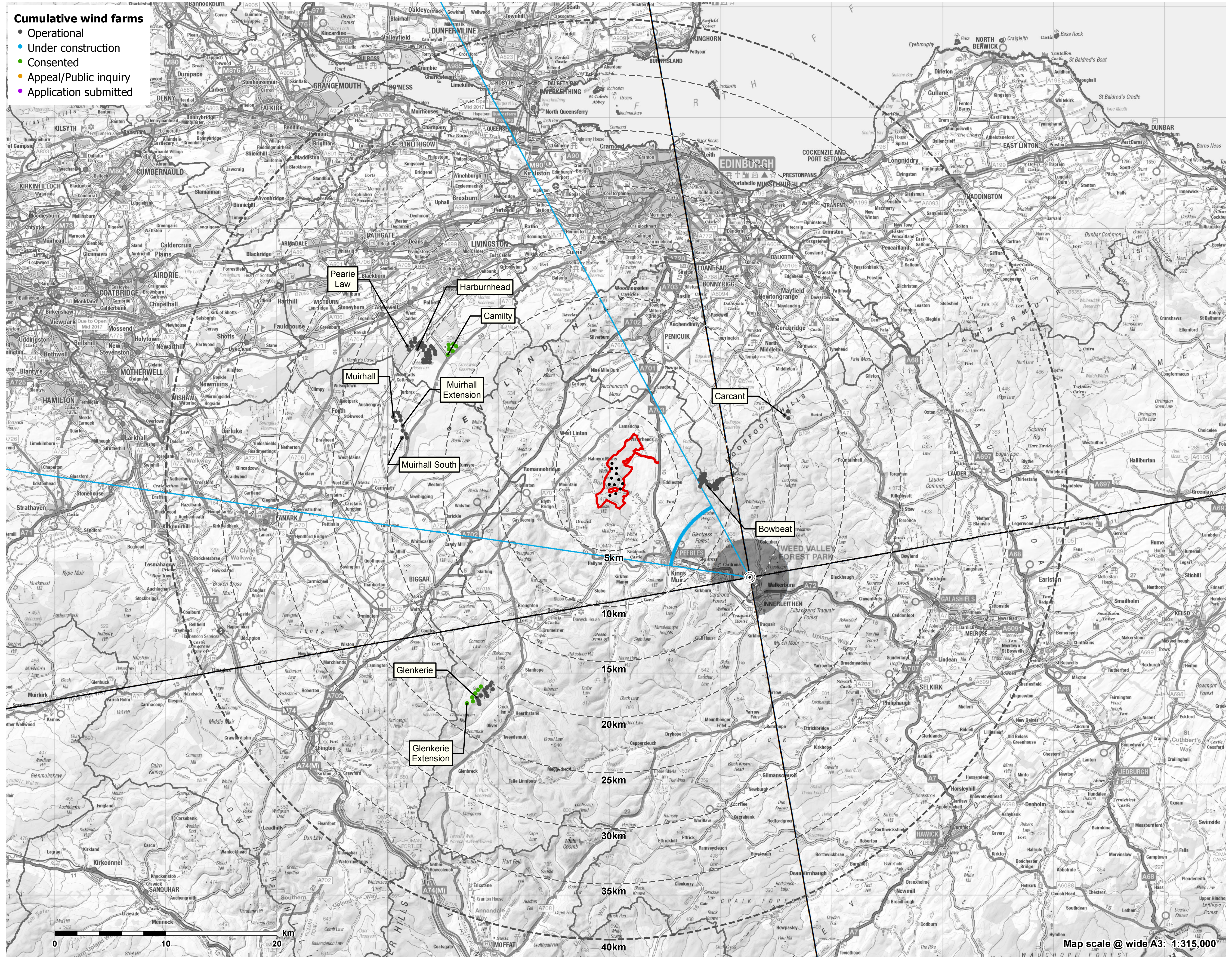
Photomontage
View flat at a comfortable arm’s length

OS reference:	306724E 650780N	Horizontal field of view:	53.5° (planar projection)	Camera:	Nikon D600	Photography Date:	01/10/2020
AOD:	417 m	Principal distance:	812.5 mm	Lens:	50mm Fixed Focal Length	Photography Time:	17:20
Direction of view:	104°	Paper size:	841 x 297 mm (half A1)	Camera height:	1.5 m		
Nearest turbine:	13.62 km	Correct printed image size:	820 x 260 mm				

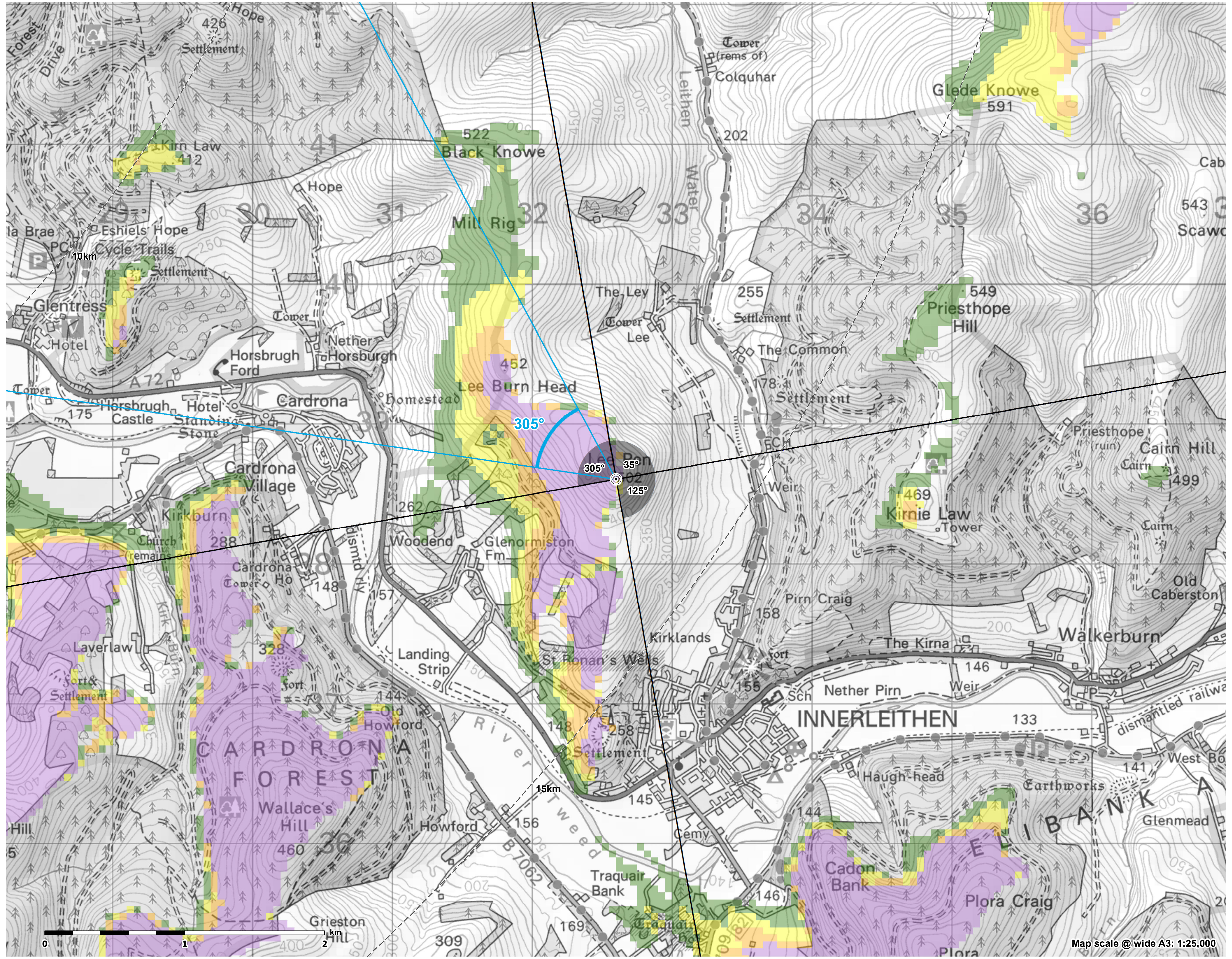
Cloich

Figure: 5.2.24e

Viewpoint 24: Bleak Law


Cumulative wind farms
● Operational
● Under construction
● Consented
● Appeal/Public inquiry
● Application submitted
EDINBURGH
Pearie Law
Harburnhead
Camilty
Muirhall
Muirhall Extension
Muirhall South
Carcant
Bowbeat
Glenkerie
Glenkerie Extension
INNERLEITHEN
5km
10km
15km
20km
25km
30km
35km
40km
0
10
20
km
Map scale @ wide A3: 1:315,000

Contains Ordnance Survey data © Crown copyright and database right 2021


305°
35
62
125°
Lee Burn Head
Black Knowe
Mill Rig
Glede Knowe
Priesthope Hill
Kirnie Law
Cardrona
Cardrona Village
CARDRONA FOREST
INNERLEITHEN
Walkerburn
Plora Craig
ELIBANK
10km
15km
0
1
2
km
Map scale @ wide A3: 1:25,000

CB:EL EB:lendak_e LUC FIG5-2x_r1_10801_VPoverviews 04/06/2021
Source: EDF, LUC

▭ Site boundary
● Turbine location
┆ 5km intervals from outermost turbines
┆ 40km study area
⊙ Viewpoint

Theoretical turbine tip visibility

🟩 1-3 Turbines are visible
🟨 4-6 Turbines are visible
🟧 7-9 Turbines are viible
🟪 10-12 Turbines are visible

V 53.5° Field of view
V 90° Field of view

Notes
Cumulative wind farms based on information available to LUC on 09/02/2021.

The ZTV is calculated to turbine tip height (149.9 m) from a viewing height of 2 m above ground level. The terrain model assumes bare ground and is derived from OS Terrain 50 height data (obtained from Ordnance Survey in July 2019).
Earth curvature and atmospheric refraction have been taken into account.
The ZTV was calculated using ArcMap 10.5.1 software.

NORTH

Produced By: EL	Ref: Pr No.-REP-Dr. No.
Checked By: LC	Date: 04/06/2021

Viewpoint 25:
Lee Pen
Figure 5.2.25

Cloich Forest Wind Farm
EIA Report

Baseline photograph
This image provides landscape and visual context only

Wireline drawing
Extent of central 50mm frame used to construct panorama
Extent of 53.5° planar panorama
Black Law
Heathland
Longhill Burn
Cloich
Bowbeat
W
60
270
280
290
300
310
320
330
340
35

LUC

OS reference: 332599E 638604N
AOD: 493 m
Direction of view: 305°
Nearest turbine: 14.11 km

Horizontal field of view: 90° (cylindrical projection)
Principal distance: 522 mm
Paper size: 841 x 297 mm (half A1)
Correct printed image size: 820 x 260 mm

Camera: Nikon D600
Lens: 50mm Fixed Focal Length
Camera height: 1.5 m

Photography Date: 25/06/2020
Photography Time: 09:45

Wind Farm Developments key (by status):

Proposed scheme
Operational
Under construction
Consented
Application
Scoping
Appeal/PLI

Cloich

Figure: 5.2.25a

Viewpoint 25: Lee Pen

Baseline photograph
This image provides landscape and visual context only

Wireline drawing
Longpark
N
50
000
010
020
030
040
050
060
070
08

LUC

OS reference:	332599E 638604N
AOD:	493 m
Direction of view:	35°
Nearest turbine:	14.11 km

Horizontal field of view:	90° (cylindrical projection)
Principal distance:	522 mm
Paper size:	841 x 297 mm (half A1)
Correct printed image size:	820 x 260 mm

Camera:	Nikon D600
Lens:	50mm Fixed Focal Length
Camera height:	1.5 m

Photography Date:	25/06/2020
Photography Time:	09:45

Wind Farm Developments key (by status):

Proposed scheme	Application
Operational	Scoping
Under construction	Appeal/PLI
Consented	

Cloich

Figure: 5.2.25b

Viewpoint 25: Lee Pen

Baseline photograph
This image provides landscape and visual context only

Wireline drawing
Langhope Rig
80
E
090
100
110
120
130
140
150
160
1

LUC

OS reference: 332599E 638604N
AOD: 493 m
Direction of view: 125°
Nearest turbine: 14.11 km

Horizontal field of view: 90° (cylindrical projection)
Principal distance: 522 mm
Paper size: 841 x 297 mm (half A1)
Correct printed image size: 820 x 260 mm

Camera: Nikon D600
Lens: 50mm Fixed Focal Length
Camera height: 1.5 m

Photography Date: 25/06/2020
Photography Time: 09:45

Wind Farm Developments key (by status):

Proposed scheme	Application
Operational	Scoping
Under construction	Appeal/PLI
Consented	

Cloich

Figure: 5.2.25c
Viewpoint 25: Lee Pen

2
3
1
4
7
6
5
9
8
11
10
12
Wireline drawing
View flat at a comfortable arm's length

LUC

OS reference:	332599E 638604N
AOD:	493 m
Direction of view:	305°
Nearest turbine:	14.11 km

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

Wind Farm Developments key (by status):	Proposed scheme Operational Under construction

Cloich

Figure: 5.2.25d

Viewpoint 25: Lee Pen

Photomontage
View flat at a comfortable arm's length

LUC

OS reference: 332599E 638604N
AOD: 493 m
Direction of view: 305°
Nearest turbine: 14.11 km

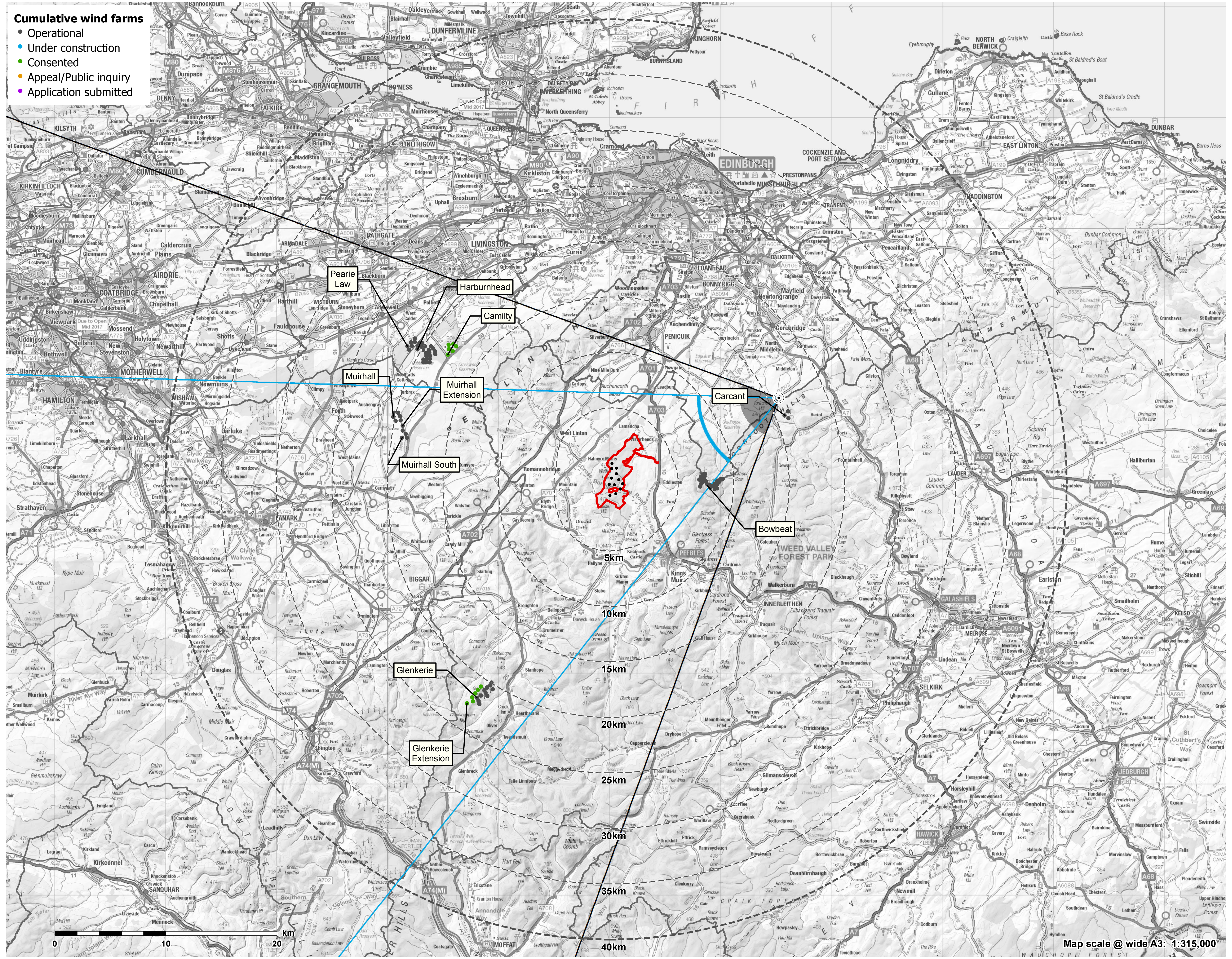
Horizontal field of view: 53.5° (planar projection)
Principal distance: 812.5 mm
Paper size: 841 x 297 mm (half A1)
Correct printed image size: 820 x 260 mm

Camera: Nikon D600
Lens: 50mm Fixed Focal Length
Camera height: 1.5 m

Photography Date: 25/06/2020
Photography Time: 09:45

Cloich

Figure: 5.2.25e
Viewpoint 25: Lee Pen


Cumulative wind farms
● Operational
● Under construction
● Consented
● Appeal/Public inquiry
● Application submitted
Pearie Law
Harburnhead
Camilty
Muirhall
Muirhall Extension
Carcant
Muirhall South
Bowbeat
Glenkerie
Glenkerie Extension
EDINBURGH
5km
10km
15km
20km
25km
30km
35km
40km
0
10
20
km
Map scale @ wide A3: 1:315,000

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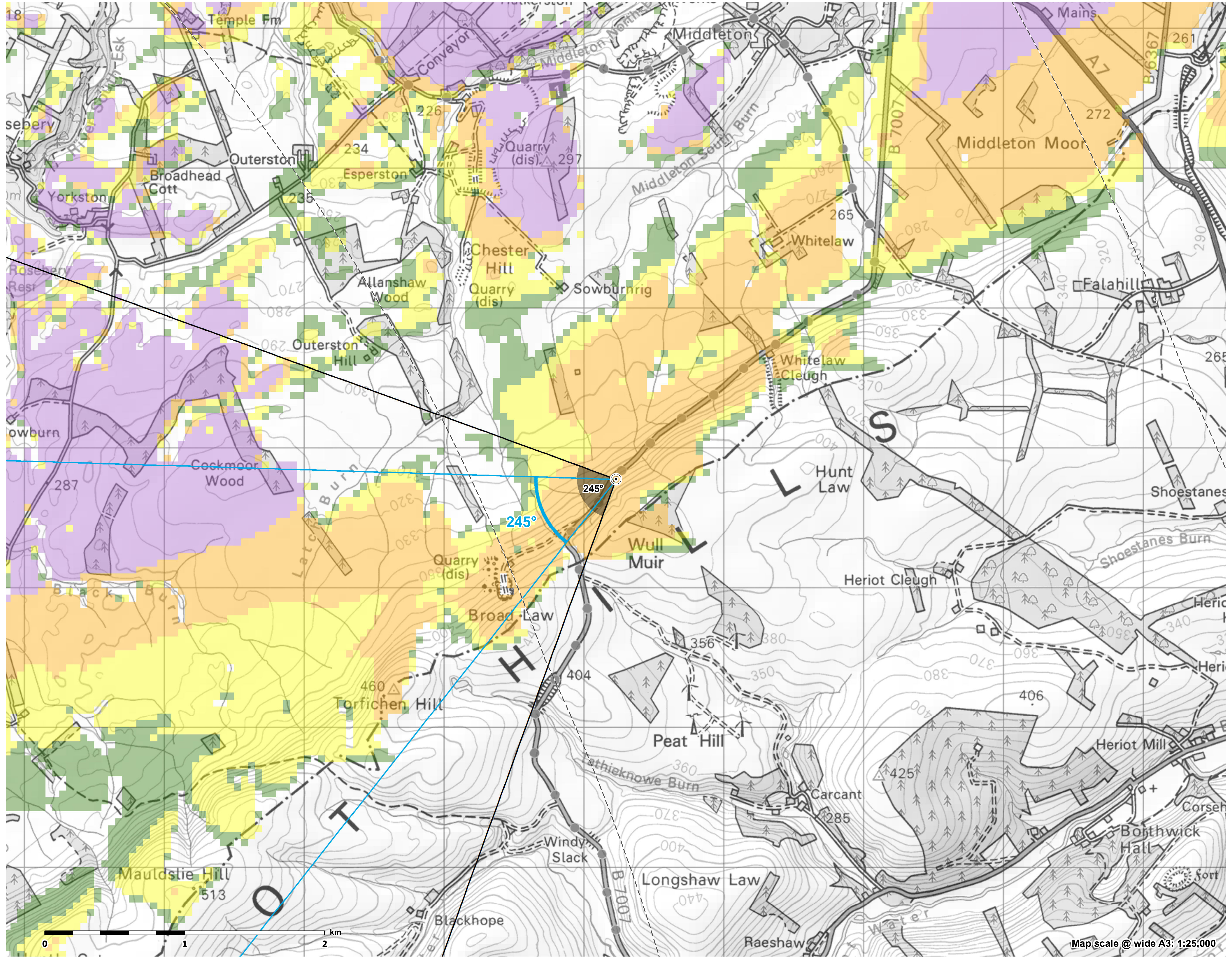
245°
245°
Middleton Moor
Middleton
Outerston
Esperston
Broadhead Cott
Yorkston
Chester Hill
Allanshaw Wood
Sowburnrig
Outerston Hill
Whitelaw
Whitelaw Cleugh
Falahill
Cockmoor Wood
Hunt Law
Wull Muir
Broad Law
Heriot Cleugh
Shoestanes
Torfichen Hill
Peat Hill
Carcant
Borthwick Hall
Longshaw Law
Windy Slack
Mauldslie Hill
Blackhope
Raeshaw
0
1
2
km
Map scale @ wide A3: 1:25,000

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CB:EL EB:lendak_e LUC FIG5-2x_r1_10801_VPoverviews 04/06/2021
Source: EDF, LUC

- 🟥 Site boundary
- ● Turbine location
- ▭ 5km intervals from outermost turbines
- ▭ 40km study area
- ⊙ Viewpoint

Theoretical turbine tip visibility

- 🟩 1-3 Turbines are visible
- 🟨 4-6 Turbines are visible
- 🟧 7-9 Turbines are viible
- 🟪 10-12 Turbines are visible
- ∨ 53.5° Field of view
- ∨ 90° Field of view

Notes

Cumulative wind farms based on information available to LUC on 09/02/2021.

The ZTV is calculated to turbine tip height (149.9 m) from a viewing height of 2 m above ground level. The terrain model assumes bare ground and is derived from OS Terrain 50 height data (obtained from Ordnance Survey in July 2019).
Earth curvature and atmospheric refraction have been taken into account.
The ZTV was calculated using ArcMap 10.5.1 software.

NORTH

Produced By: EL	Ref: Pr No.-REP-Dr. No.
Checked By: LC	Date: 04/06/2021

Viewpoint 26:
B7007 (northern edge of Moorfoot Hills)
Figure 5.2.26

Cloich Forest Wind Farm
EIA Report

Baseline photograph
This image provides landscape and visual context only

Wireline drawing
Extent of central 50mm frame used to construct panorama
Extent of 53.5° planar panorama
Cloich
Muirhall
00
210
220
230
240
250
260
W
270
280
29

LUC

OS reference: 335230E 654774N
AOD: 368 m
Direction of view: 245°
Nearest turbine: 15.94 km

Horizontal field of view: 90° (cylindrical projection)
Principal distance: 522 mm
Paper size: 841 x 297 mm (half A1)
Correct printed image size: 820 x 260 mm

Camera: Nikon D600
Lens: 50mm Fixed Focal Length
Camera height: 1.5 m

Photography Date: 20/05/2020
Photography Time: 09:30

Wind Farm Developments key (by status):

Proposed scheme	Application
Operational	Scoping
Under construction	Appeal/PLI
Consented	

Cloich

Figure: 5.2.26a

Viewpoint 26: B7007 (northern edge of Moorfoot Hills)

7
9
1
6
8
10
11
12

Wireline drawing

View flat at a comfortable arm’s length

LUC

OS reference:	335230E 654774N	Horizontal field of view:	53.5° (planar projection)
AOD:	368 m	Principal distance:	812.5 mm
Direction of view:	245°	Paper size:	841 x 297 mm (half A1)
Nearest turbine:	15.94 km	Correct printed image size:	820 x 260 mm

Wind Farm Developments key (by status):	Proposed scheme Operational Under construction

Cloich

Figure: 5.2.26b

Viewpoint 26: B7007 (northern edge of Moorfoot Hills)

Photomontage
View flat at a comfortable arm’s length

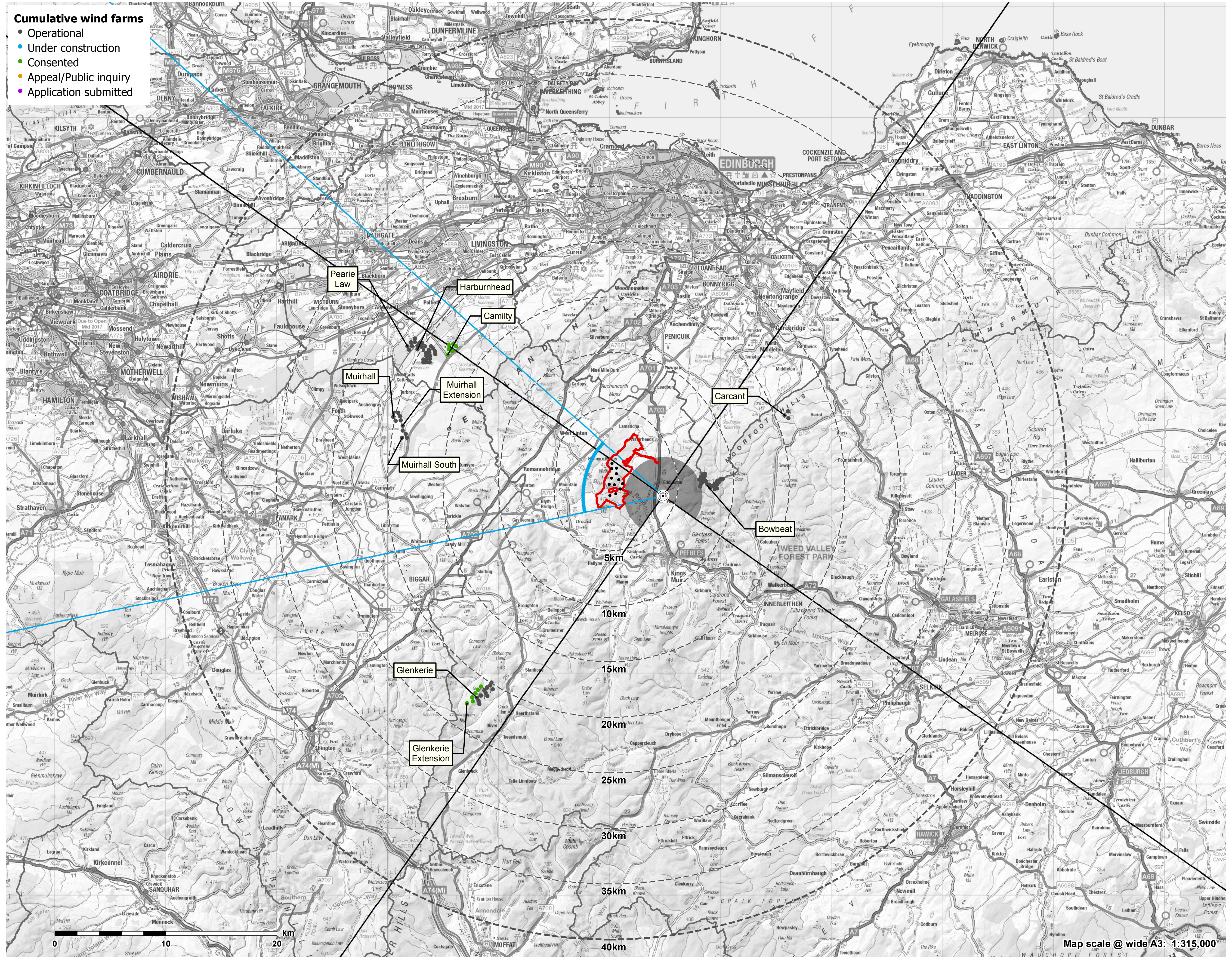
LUC

OS reference:	335230E 654774N	Horizontal field of view:	53.5° (planar projection)	Camera:	Nikon D600	Photography Date:	20/05/2020
AOD:	368 m	Principal distance:	812.5 mm	Lens:	50mm Fixed Focal Length	Photography Time:	09:30
Direction of view:	245°	Paper size:	841 x 297 mm (half A1)	Camera height:	1.5 m		
Nearest turbine:	15.94 km	Correct printed image size:	820 x 260 mm				

Cloich

Figure: 5.2.26c

Viewpoint 26: B7007 (northern edge of Moorfoot Hills)


Cumulative wind farms
● Operational
● Under construction
● Consented
● Appeal/Public inquiry
● Application submitted
Pearie Law
Harburnhead
Camilty
Muirhall
Muirhall Extension
Muirhall South
Carcant
Bowbeat
Glenkerie
Glenkerie Extension
EDINBURGH
5km
10km
15km
20km
25km
30km
35km
40km
0
10
20
km
Map scale @ wide A3: 1:315,000

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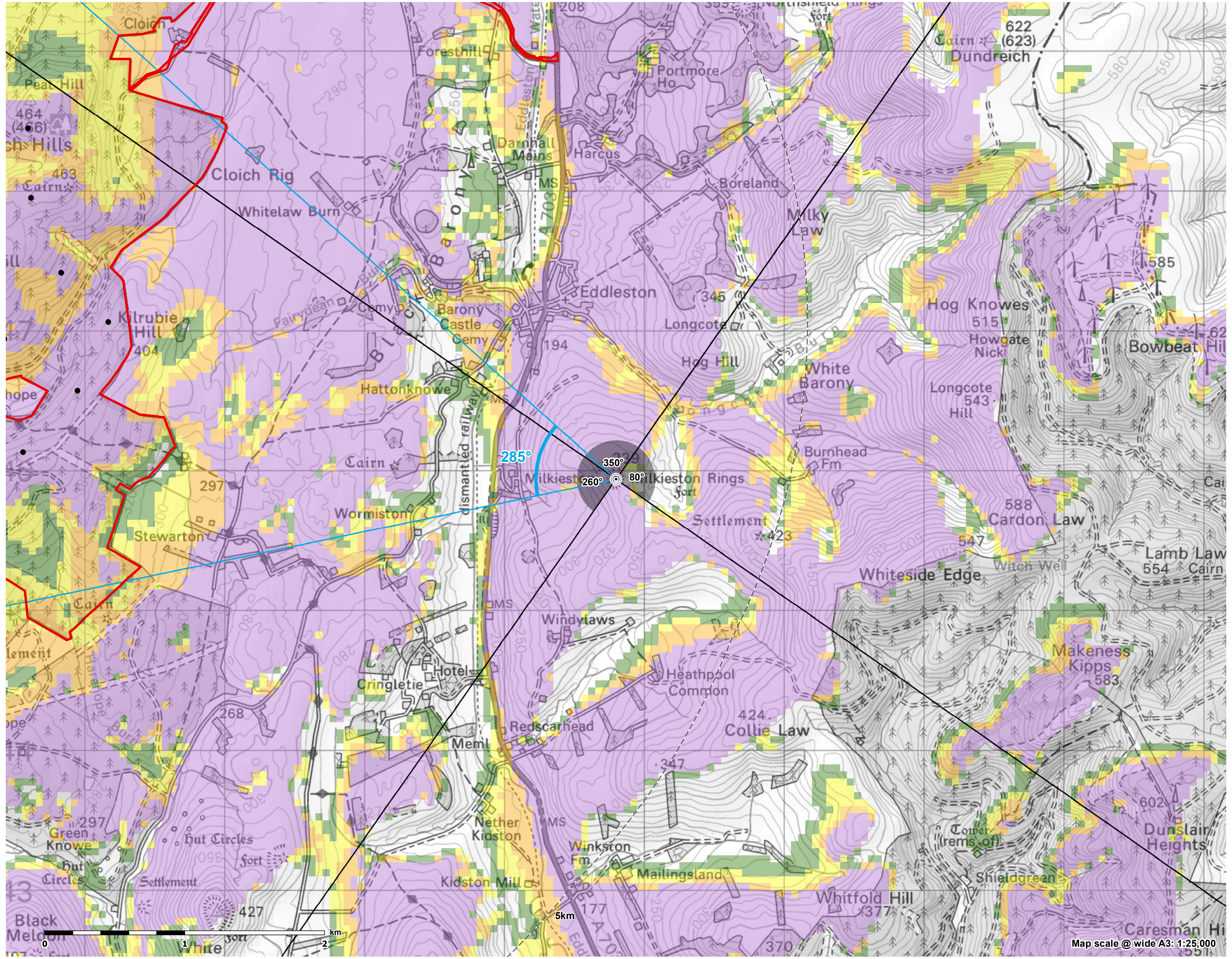
Cloich Rig
Whitelaw Burn
Eddleston
Barony Castle
Hattonknowe
Milkieston Rings Fort
285°
350°
260°
80°
Wormiston
Stewarton
Cringletie
White Barony
Hog Knowes
Bowbeat Hill
Cardon Law
Whiteside Edge
Windylaws
Heathpool Common
Collie Law
Redscarhead
Nether Kidston
Winkston
Mailingsland
Whitfold Hill
Caresman Hill
Dunslair Heights
Makeness Kipps
Lamb Law
5km
0
1
2
km
Map scale @ wide A3: 1:25,000

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CB:EL EB:lendak_e LUC FIG5-2x_r1_10801_VPoverviews 04/06/2021
Source: EDF, LUC

EDF renewables

LUC

ARCUS

🟥 Site boundary
● Turbine location
▭ 5km intervals from outermost turbines
▭ 40km study area
⊙ Viewpoint

Theoretical turbine tip visibility

🟩 1-3 Turbines are visible
🟨 4-6 Turbines are visible
🟧 7-9 Turbines are viible
🟪 10-12 Turbines are visible

∨ 53.5° Field of view
∨ 90° Field of view

Notes
Cumulative wind farms based on information available to LUC on 09/02/2021.

The ZTV is calculated to turbine tip height (149.9 m) from a viewing height of 2 m above ground level. The terrain model assumes bare ground and is derived from OS Terrain 50 height data (obtained from Ordnance Survey in July 2019).
Earth curvature and atmospheric refraction have been taken into account.
The ZTV was calculated using ArcMap 10.5.1 software.

NORTH

Produced By: EL	Ref: Pr No.-REP-Dr. No.
Checked By: LC	Date: 04/06/2021

Viewpoint CH1:
Milkieston Rings Fort
Figure 6.4

Cloich Forest Wind Farm
EIA Report

Baseline photograph
This image provides landscape and visual context only

Wireline drawing
Extent of central 50mm frame used to construct panorama
Extent of 53.5° planar panorama
Clyde
Cloich
220
230
240
250
260
W
270
280
290
300

OS reference: 324798E 645938N
AOD: 337 m
Direction of view: 260°
Nearest turbine: 3.8 km

Horizontal field of view: 90° (cylindrical projection)
Principal distance: 522 mm
Paper size: 841 x 297 mm (half A1)
Correct printed image size: 820 x 260 mm

Camera: Nikon D600
Lens: 50mm Fixed Focal Length
Camera height: 1.5 m

Photography Date: 10/07/2020
Photography Time: 09:00

Wind Farm Developments key (by status):
Proposed scheme
Operational
Under construction
Consented
Application
Scoping
Appeal/PLI

Cloich

Figure: 6.4a
Viewpoint CH1: Milkieston Rings Fort

Baseline photograph
This image provides landscape and visual context only

Wireline drawing
310
320
330
340
350
N
000
010
020
030

LUC

OS reference: 324798E 645938N
AOD: 337 m
Direction of view: 350°
Nearest turbine: 3.8 km

Horizontal field of view: 90° (cylindrical projection)
Principal distance: 522 mm
Paper size: 841 x 297 mm (half A1)
Correct printed image size: 820 x 260 mm

Camera: Nikon D600
Lens: 50mm Fixed Focal Length
Camera height: 1.5 m

Photography Date: 10/07/2020
Photography Time: 09:00

Wind Farm Developments key (by status):

- Proposed scheme
- Operational
- Under construction
- Consented
- Application
- Scoping
- Appeal/PLI

Cloich

Figure: 6.4b

Viewpoint CH1: Milkieston Rings Fort

Baseline photograph
This image provides landscape and visual context only

Wireline drawing
Bowbeat
040
050
060
070
080
E
090
100
110
120

LUC

OS reference: 324798E 645938N
AOD: 337 m
Direction of view: 80°
Nearest turbine: 3.8 km

Horizontal field of view: 90° (cylindrical projection)
Principal distance: 522 mm
Paper size: 841 x 297 mm (half A1)
Correct printed image size: 820 x 260 mm

Camera: Nikon D600
Lens: 50mm Fixed Focal Length
Camera height: 1.5 m

Photography Date: 10/07/2020
Photography Time: 09:00

Wind Farm Developments key (by status):

- Proposed scheme
- Operational
- Under construction
- Consented
- Application
- Scoping
- Appeal/PLI

Cloich

Figure: 6.4c

Viewpoint CH1: Milkieston Rings Fort

2
3
4
1
7
5
6
9
8
11
10
12
Wireline drawing
View flat at a comfortable arm's length

OS reference:	324798E 645938N
AOD:	337 m
Direction of view:	285°
Nearest turbine:	3.8 km

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

Wind Farm Developments key (by status):

Proposed scheme
Operational
Under construction

Cloich

Figure: 6.4d

Viewpoint CH1: Milkieston Rings Fort

Photomontage

View flat at a comfortable arm's length

LUC

OS reference: 324798E 645938N
AOD: 337 m
Direction of view: 285°
Nearest turbine: 3.8 km

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

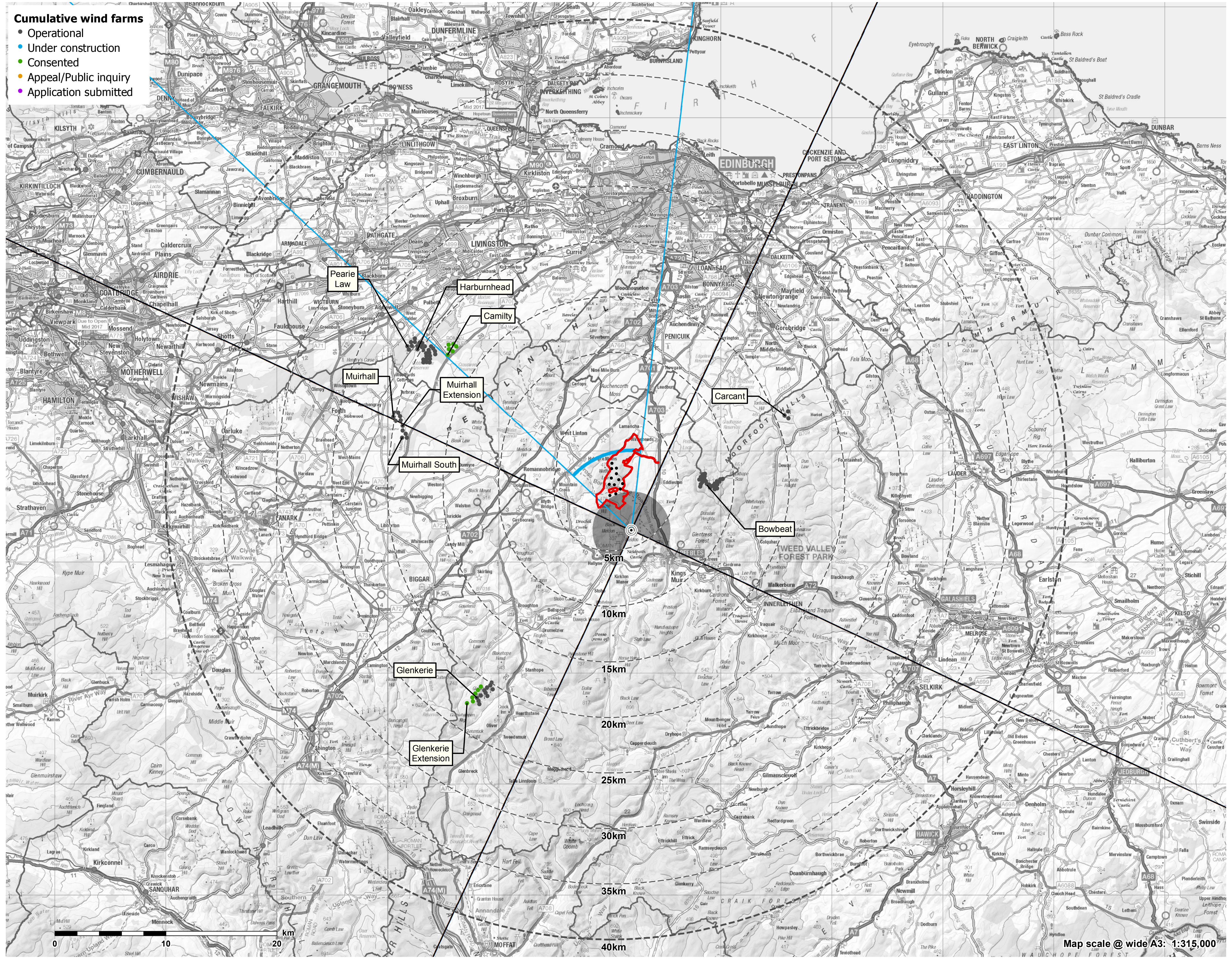
Camera: Nikon D600
Lens: 50mm Fixed Focal Length
Camera height: 1.5 m

Photography Date: 10/07/2020
Photography Time: 09:00

Cloich

Figure: 6.4e

Viewpoint CH1: Milkieston Rings Fort


Cumulative wind farms
● Operational
● Under construction
● Consented
● Appeal/Public inquiry
● Application submitted
Pearie Law
Harburnhead
Camilty
Muirhall
Muirhall Extension
Muirhall South
Carcant
Bowbeat
Glenkerie
Glenkerie Extension
5km
10km
15km
20km
25km
30km
35km
40km
0
10
20
km
Map scale @ wide A3: 1:315,000

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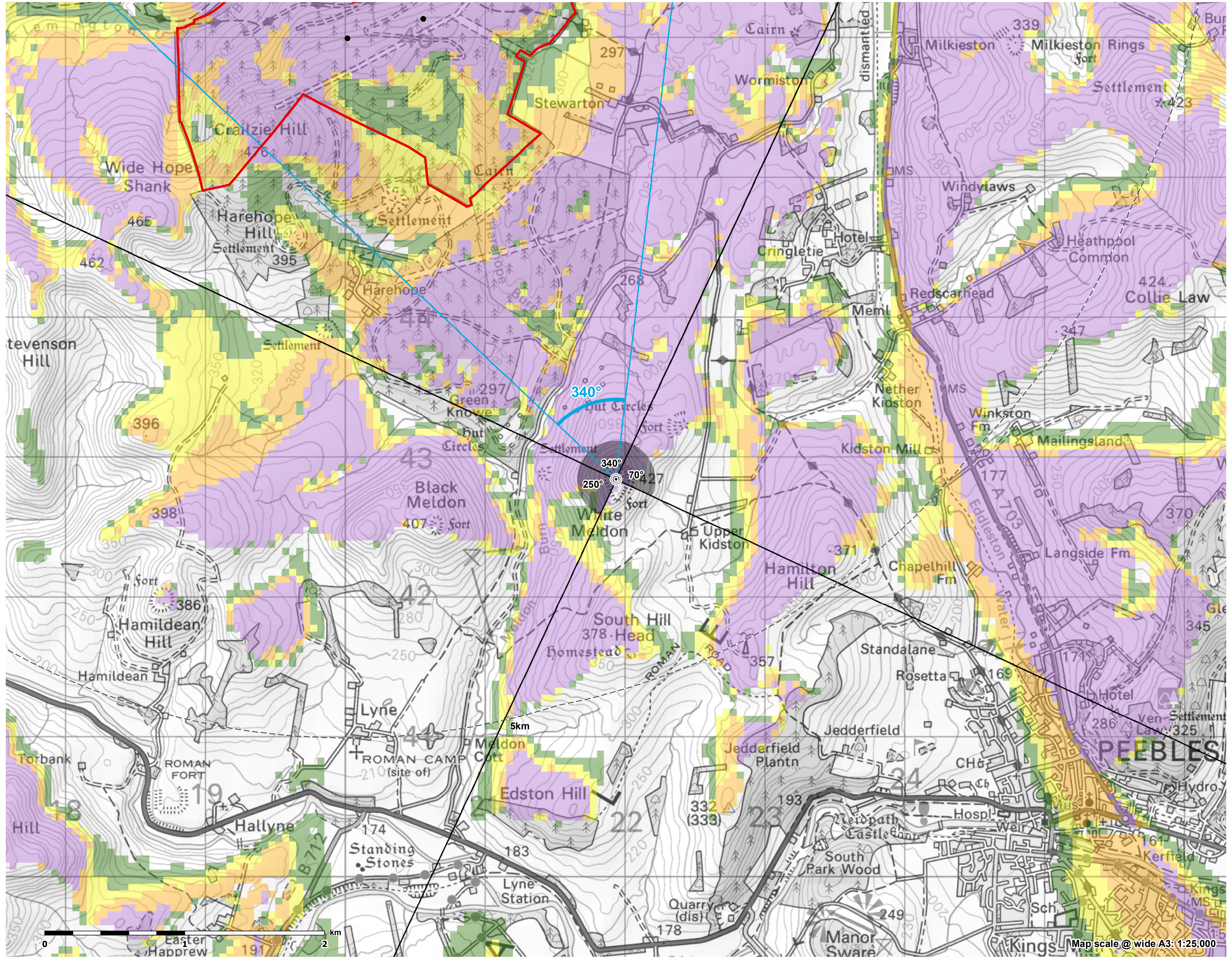
340°
250°
70°
5km
0
1
2
km
Map scale @ wide A3: 1:25,000

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CB:EL EB:lendak_e LUC FIG5-2x_r1_10801_VPoverviews 04/06/2021
Source: EDF, LUC

🟥	Site boundary
●	Turbine location
⬚	5km intervals from outermost turbines
⬚	40km study area
⊙	Viewpoint

Theoretical turbine tip visibility

🟩	1-3 Turbines are visible
🟨	4-6 Turbines are visible
🟧	7-9 Turbines are viible
🟪	10-12 Turbines are visible
V	53.5° Field of view
V	90° Field of view

Notes

Cumulative wind farms based on information available to LUC on 09/02/2021.

The ZTV is calculated to turbine tip height (149.9 m) from a viewing height of 2 m above ground level. The terrain model assumes bare ground and is derived from OS Terrain 50 height data (obtained from Ordnance Survey in July 2019).
Earth curvature and atmospheric refraction have been taken into account.
The ZTV was calculated using ArcMap 10.5.1 software.

NORTH

Produced By: EL	Ref: Pr No.-REP-Dr. No.
Checked By: LC	Date: 04/06/2021

Viewpoint CH2:
White Meldon
Figure 6.5

Cloich Forest Wind Farm
EIA Report

Baseline photograph
This image provides landscape and visual context only

Wireline drawing
Clyde
Glenkerie
Glenkerie Extension
210
220
230
240
250
260
W
270
280
290

LUC

OS reference: 321936E 642839N
AOD: 421 m
Direction of view: 250°
Nearest turbine: 3.56 km

Horizontal field of view: 90° (cylindrical projection)
Principal distance: 522 mm
Paper size: 841 x 297 mm (half A1)
Correct printed image size: 820 x 260 mm

Camera: Nikon D600
Lens: 50mm Fixed Focal Length
Camera height: 1.5 m

Photography Date: 10/07/2020
Photography Time: 13:00

Wind Farm Developments key (by status):

- Proposed scheme
- Operational
- Under construction
- Consented
- Application
- Scoping
- Appeal/PLI

Cloich

Figure: 6.5a
Viewpoint CH2: White Meldon

Baseline photograph
This image provides landscape and visual context only

Wireline drawing
Extent of central 50mm frame used to construct panorama
Extent of 53.5° planar panorama
Longhill Burn
Cloich
300
310
320
330
340
350
N
000
010
020

LUC

OS reference:	321936E 642839N
AOD:	421 m
Direction of view:	340°
Nearest turbine:	3.56 km

Horizontal field of view:	90° (cylindrical projection)
Principal distance:	522 mm
Paper size:	841 x 297 mm (half A1)
Correct printed image size:	820 x 260 mm

Camera:	Nikon D600
Lens:	50mm Fixed Focal Length
Camera height:	1.5 m

Photography Date:	10/07/2020
Photography Time:	13:00

Wind Farm Developments key (by status):

- Proposed scheme
- Operational
- Under construction
- Consented
- Application
- Scoping
- Appeal/PLI

Cloich

Figure: 6.5b

Viewpoint CH2: White Meldon

Baseline photograph
This image provides landscape and visual context only

Wireline drawing
Bowbeat
030
040
050
060
070
080
E
090
100
110

LUC

OS reference: 321936E 642839N
AOD: 421 m
Direction of view: 70°
Nearest turbine: 3.56 km

Horizontal field of view: 90° (cylindrical projection)
Principal distance: 522 mm
Paper size: 841 x 297 mm (half A1)
Correct printed image size: 820 x 260 mm

Camera: Nikon D600
Lens: 50mm Fixed Focal Length
Camera height: 1.5 m

Photography Date: 10/07/2020
Photography Time: 13:00

Wind Farm Developments key (by status):

Proposed scheme
Operational
Under construction
Consented
Application
Scoping
Appeal/PLI

Cloich

Figure: 6.5c

Viewpoint CH2: White Meldon

2
1
3
6
7
11
12
4
8
9
10
5

Wireline drawing

View flat at a comfortable arm's length

LUC

OS reference:	321936E 642839N
AOD:	421 m
Direction of view:	340°
Nearest turbine:	3.56 km

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

Wind Farm Developments key (by status):	Proposed scheme Operational Under construction

Cloich

Figure: 6.5d

Viewpoint CH2: White Meldon

Photomontage
View flat at a comfortable arm’s length

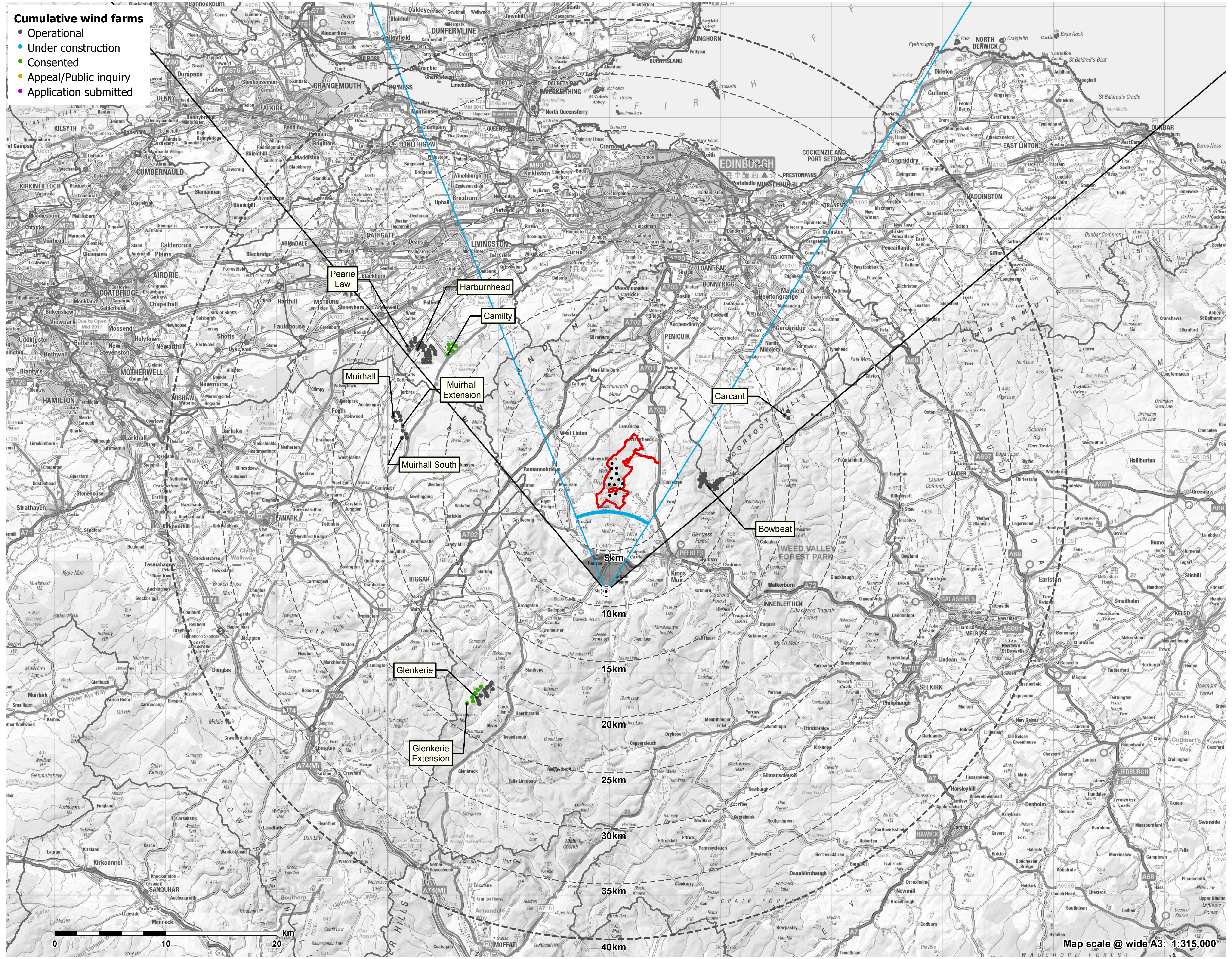
LUC

OS reference:	321936E 642839N	Horizontal field of view:	53.5° (planar projection)	Camera:	Nikon D600	Photography Date:	10/07/2020
AOD:	421 m	Principal distance:	812.5 mm	Lens:	50mm Fixed Focal Length	Photography Time:	13:00
Direction of view:	340°	Paper size:	841 x 297 mm (half A1)	Camera height:	1.5 m		
Nearest turbine:	3.56 km	Correct printed image size:	820 x 260 mm				

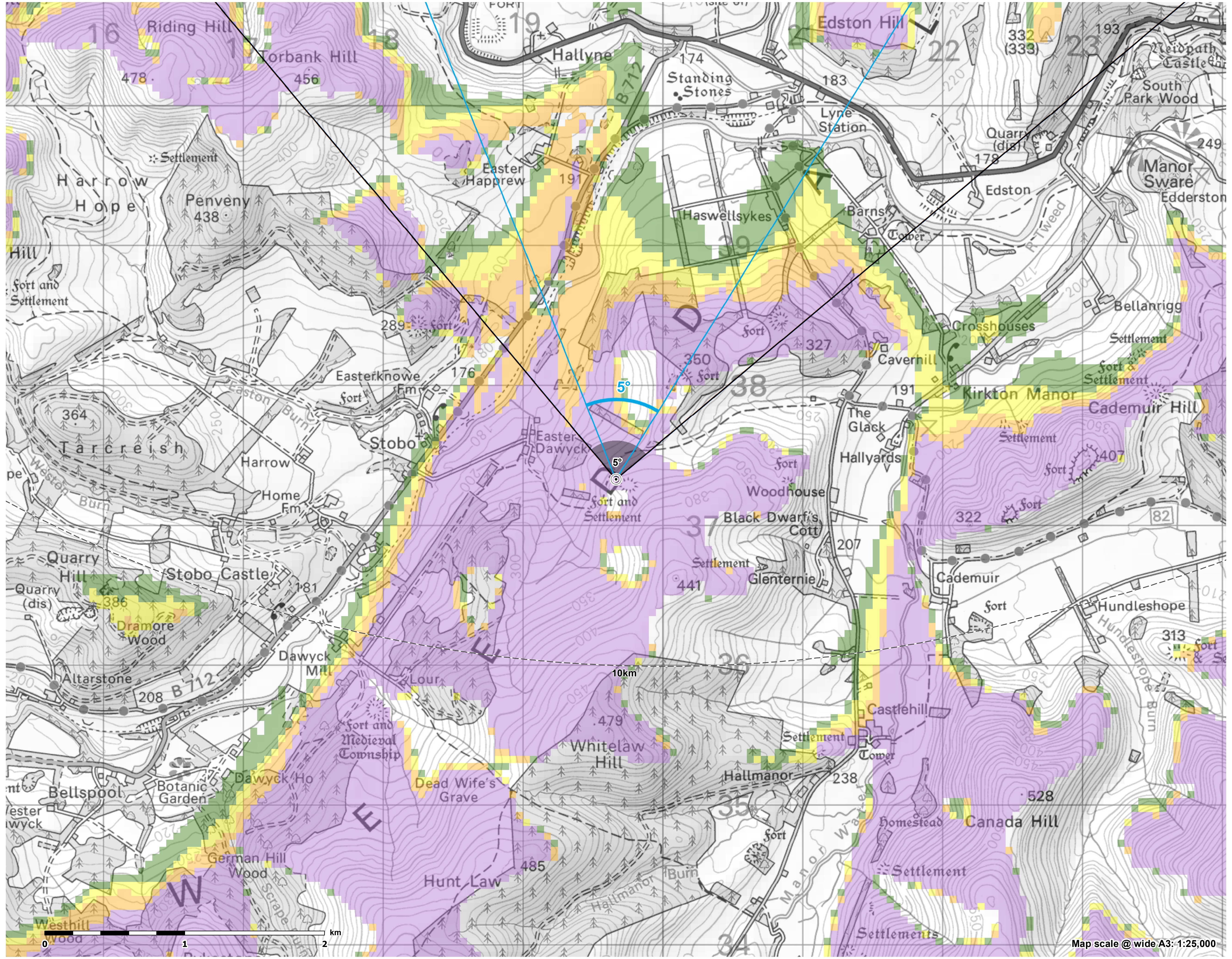
Cloich

Figure: 6.5e

Viewpoint CH2: White Meldon


Cumulative wind farms
● Operational
● Under construction
● Consented
● Appeal/Public inquiry
● Application submitted
Pearie Law
Harburnhead
Camilty
Muirhall
Muirhall Extension
Carcant
Muirhall South
Bowbeat
Glenkerie
Glenkerie Extension
5km
10km
15km
20km
25km
30km
35km
40km
0
10
20
km
Map scale @ wide A3: 1:315,000

Contains Ordnance Survey data © Crown copyright and database right 2021


5°
10km
0
1
2
km
Map scale @ wide A3: 1:25,000

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CB:EL EB:lendak_e LUC FIG5-2x_r1_10801_VPoverviews 04/06/2021
Source: EDF, LUC

edf renewables

LUC

ARCUS

- 🟥 Site boundary
- ● Turbine location
- ⬚ 5km intervals from outermost turbines
- ⬚ 40km study area
- ⊙ Viewpoint

Theoretical turbine tip visibility

- 🟩 1-3 Turbines are visible
- 🟨 4-6 Turbines are visible
- 🟧 7-9 Turbines are viible
- 🟪 10-12 Turbines are visible

- ∨ 53.5° Field of view
- ∨ 90° Field of view

Notes
Cumulative wind farms based on information available to LUC on 09/02/2021.

The ZTV is calculated to turbine tip height (149.9 m) from a viewing height of 2 m above ground level. The terrain model assumes bare ground and is derived from OS Terrain 50 height data (obtained from Ordnance Survey in July 2019).
Earth curvature and atmospheric refraction have been taken into account.
The ZTV was calculated using ArcMap 10.5.1 software.

NORTH

Produced By: EL	Ref: Pr No.-REP-Dr. No.
Checked By: LC	Date: 04/06/2021

Viewpoint CH3:
Easter Dawyck Fort and Settlement
Figure 6.6

Cloich Forest Wind Farm
EIA Report

Baseline photograph
This image provides landscape and visual context only

Wireline drawing
Extent of central 50mm frame used to construct panorama
Extent of 53.5° planar panorama
Cloich
Bowbeat
20
330
340
350
N
000
010
020
030
040
05

OS reference: 319665E 637327N
AOD: 322 m
Direction of view: 5°
Nearest turbine: 8.67 km

Horizontal field of view: 90° (cylindrical projection)
Principal distance: 522 mm
Paper size: 841 x 297 mm (half A1)
Correct printed image size: 820 x 260 mm

Camera: Nikon D600
Lens: 50mm Fixed Focal Length
Camera height: 1.5 m

Photography Date: 01/08/2020
Photography Time: 12:45

Wind Farm Developments key (by status):

- Proposed scheme
- Operational
- Under construction
- Consented
- Application
- Scoping
- Appeal/PLI

Cloich

Figure: 6.6a

Viewpoint CH3: Easter Dawyck Fort and Settlement

1
2
12
6
11
7
10
8
3
9
4
5
Wireline drawing
View flat at a comfortable arm's length

LUC

OS reference: 319665E 637327N
AOD: 322 m
Direction of view: 5°
Nearest turbine: 8.67 km

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

Wind Farm Developments key (by status):
Proposed scheme
Operational
Under construction

Cloich

Figure: 6.6b

Viewpoint CH3: Easter Dawyck Fort and Settlement

Photomontage
View flat at a comfortable arm’s length

LUC

OS reference: 319665E 637327N
AOD: 322 m
Direction of view: 5°
Nearest turbine: 8.67 km

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

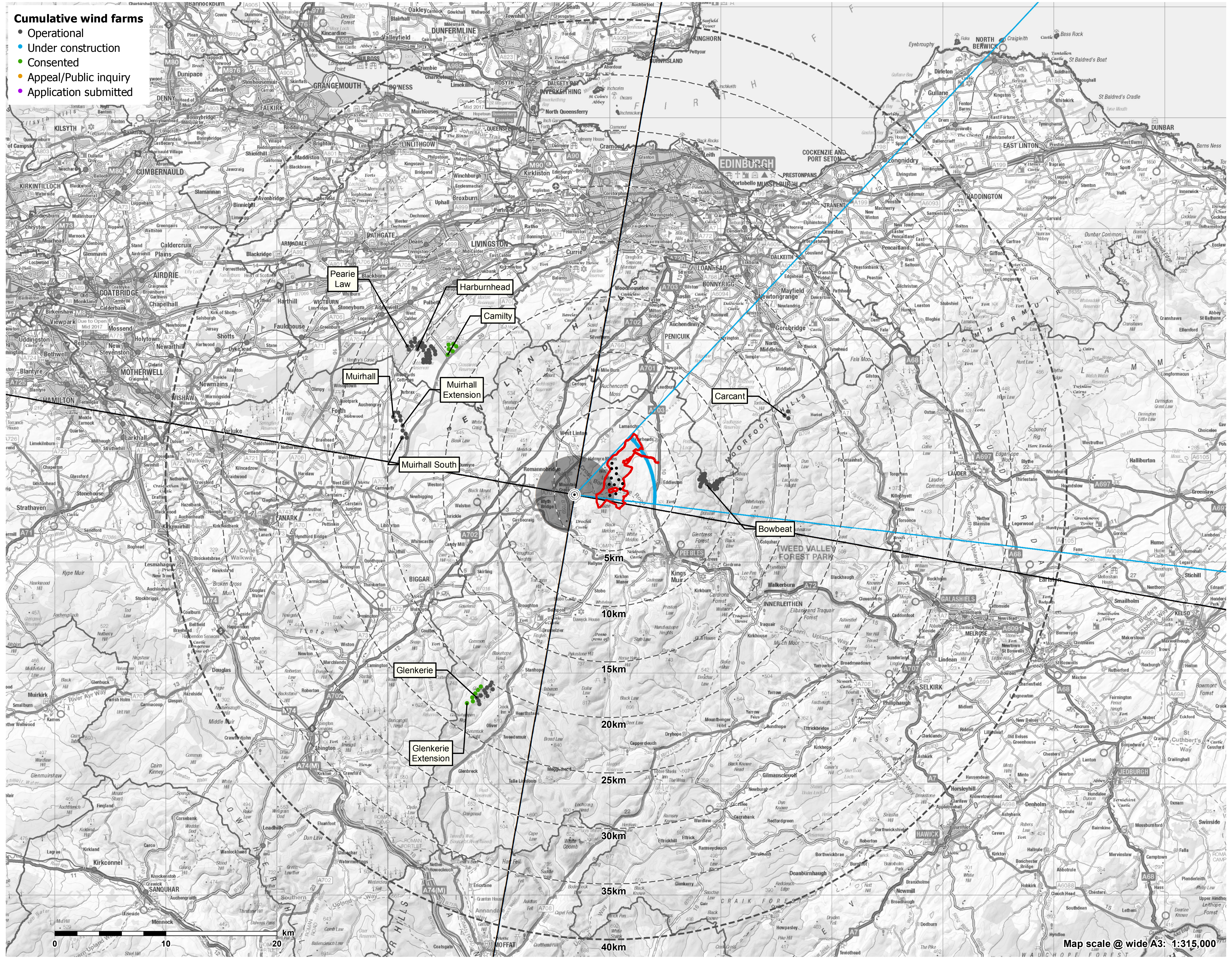
Camera: Nikon D600
Lens: 50mm Fixed Focal Length
Camera height: 1.5 m

Photography Date: 01/08/2020
Photography Time: 12:45

Cloich

Figure: 6.6c

Viewpoint CH3: Easter Dawyck Fort and Settlement


Cumulative wind farms
● Operational
● Under construction
● Consented
● Appeal/Public inquiry
● Application submitted
Pearie Law
Harburnhead
Camilty
Muirhall
Muirhall Extension
Carcant
Muirhall South
Bowbeat
Glenkerie
Glenkerie Extension
5km
10km
15km
20km
25km
30km
35km
40km
0
10
20
km
Map scale @ wide A3: 1:315,000

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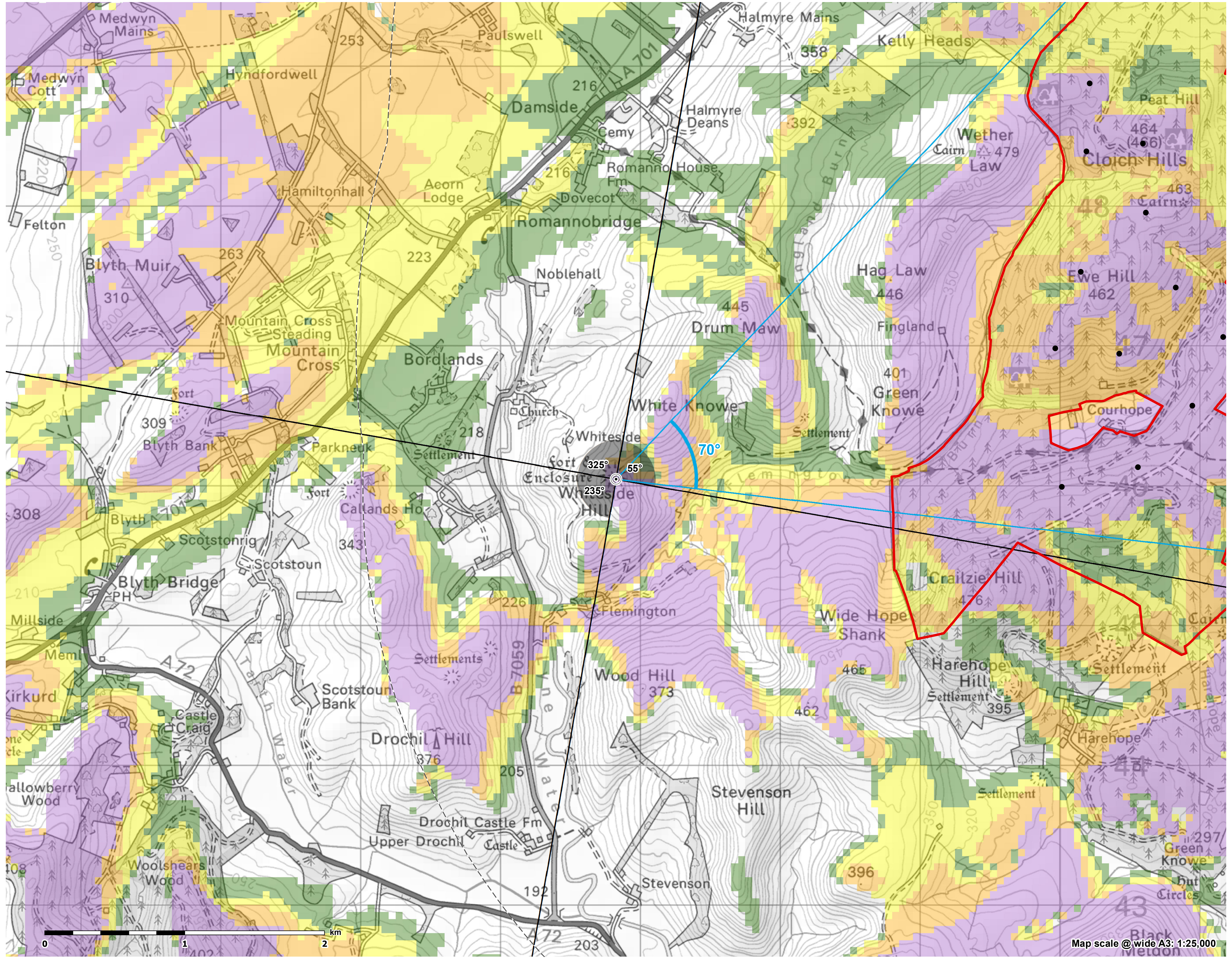
70°
325°
55°
235°
0
1
2
km
Map scale @ wide A3: 1:25,000

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CB:EL EB:lendak_e LUC FIG5-2x_r1_10801_VPoverviews 04/06/2021
Source: EDF, LUC

EDF renewables

LUC

ARCUS

🟥 Site boundary

● Turbine location

▭ 5km intervals from outermost turbines

▭ 40km study area

⊙ Viewpoint

Theoretical turbine tip visibility

🟩 1-3 Turbines are visible

🟨 4-6 Turbines are visible

🟧 7-9 Turbines are viible

🟪 10-12 Turbines are visible

∨ 53.5° Field of view

∨ 90° Field of view

Notes
Cumulative wind farms based on information available to LUC on 09/02/2021.

The ZTV is calculated to turbine tip height (149.9 m) from a viewing height of 2 m above ground level. The terrain model assumes bare ground and is derived from OS Terrain 50 height data (obtained from Ordnance Survey in July 2019).
Earth curvature and atmospheric refraction have been taken into account.
The ZTV was calculated using ArcMap 10.5.1 software.

NORTH

Produced By: EL	Ref: Pr No.-REP-Dr. No.
Checked By: LC	Date: 04/06/2021

Viewpoint CH4:
Whiteside Hill Fort
Figure 6.7

Cloich Forest Wind Farm
EIA Report

Baseline photograph
This image provides landscape and visual context only

Wireline drawing
Broken Cross
W
90
200
210
220
230
240
250
260
270
28

LUC

OS reference: 316826E 646045N
AOD: 363 m
Direction of view: 235°
Nearest turbine: 3.18 km

Horizontal field of view: 90° (cylindrical projection)
Principal distance: 522 mm
Paper size: 841 x 297 mm (half A1)
Correct printed image size: 820 x 260 mm

Camera: Nikon D600
Lens: 50mm Fixed Focal Length
Camera height: 1.5 m

Photography Date: 16/07/2020
Photography Time: 16:40

Wind Farm Developments key (by status):

- Proposed scheme
- Operational
- Under construction
- Consented
- Application
- Scoping
- Appeal/PLI

Cloich

Figure: 6.7a

Viewpoint CH4: Whiteside Hill Fort

Baseline photograph
This image provides landscape and visual context only

Wireline drawing
Black Law
Watsonhead Farm
Muirhall
Heathland
Longhill Burn
80
290
300
310
320
330
340
350
N
000
0

OS reference: 316826E 646045N
AOD: 363 m
Direction of view: 325°
Nearest turbine: 3.18 km

Horizontal field of view: 90° (cylindrical projection)
Principal distance: 522 mm
Paper size: 841 x 297 mm (half A1)
Correct printed image size: 820 x 260 mm

Camera: Nikon D600
Lens: 50mm Fixed Focal Length
Camera height: 1.5 m

Photography Date: 16/07/2020
Photography Time: 16:40

Wind Farm Developments key (by status):

- Proposed scheme
- Operational
- Under construction
- Consented
- Application
- Scoping
- Appeal/PLI

Cloich

Figure: 6.7b

Viewpoint CH4: Whiteside Hill Fort

Baseline photograph

This image provides landscape and visual context only

Wireline drawing

Extent of central 50mm frame used to construct panorama
Extent of 53.5° planar panorama
Cloich
Bowbeat
10
020
030
040
050
060
070
080
E
090
10

OS reference: 316826E 646045N
AOD: 363 m
Direction of view: 55°
Nearest turbine: 3.18 km

Horizontal field of view: 90° (cylindrical projection)
Principal distance: 522 mm
Paper size: 841 x 297 mm (half A1)
Correct printed image size: 820 x 260 mm

Camera: Nikon D600
Lens: 50mm Fixed Focal Length
Camera height: 1.5 m

Photography Date: 16/07/2020
Photography Time: 16:40

Wind Farm Developments key (by status):

- Proposed scheme
- Operational
- Under construction
- Consented
- Application
- Scoping
- Appeal/PLI

Cloich

Figure: 6.7c

Viewpoint CH4: Whiteside Hill Fort

12
11
10
8
6
9
1
7
5
4
3
2

Wireline drawing

View flat at a comfortable arm's length

OS reference:	316826E 646045N	Horizontal field of view:	53.5° (planar projection)
AOD:	363 m	Principal distance:	812.5 mm
Direction of view:	70°	Paper size:	841 x 297 mm (half A1)
Nearest turbine:	3.18 km	Correct printed image size:	820 x 260 mm

Wind Farm Developments key (by status):
- Proposed scheme
- Operational
- Under construction

Cloich

Figure: 6.7d

Viewpoint CH4: Whiteside Hill Fort

Photomontage
View flat at a comfortable arm’s length

LUC

OS reference: 316826E 646045N
AOD: 363 m
Direction of view: 70°
Nearest turbine: 3.18 km

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

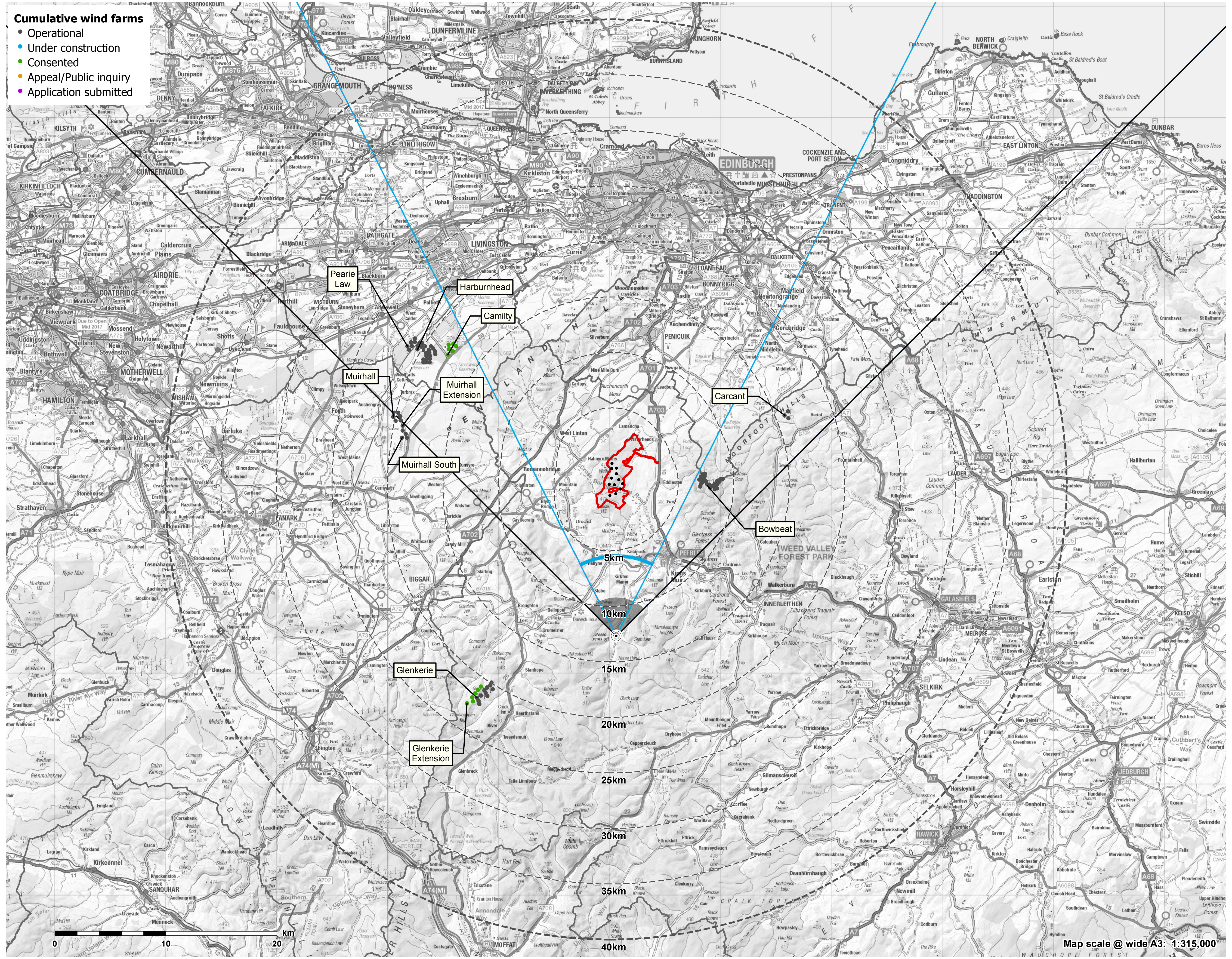
Camera: Nikon D600
Lens: 50mm Fixed Focal Length
Camera height: 1.5 m

Photography Date: 16/07/2020
Photography Time: 16:40

Cloich

Figure: 6.7e

Viewpoint CH4: Whiteside Hill Fort



Cumulative wind farms
- ● Operational
- ● Under construction
- ● Consented
- ● Appeal/Public inquiry
- ● Application submitted

Pearie Law
Harburnhead
Camilty
Muirhall
Muirhall Extension
Carcant
Muirhall South
Bowbeat
Glenkerie
Glenkerie Extension
EDINBURGH
5km
10km
15km
20km
25km
30km
35km
40km
0
10
20
km

Map scale @ wide A3: 1:315,000

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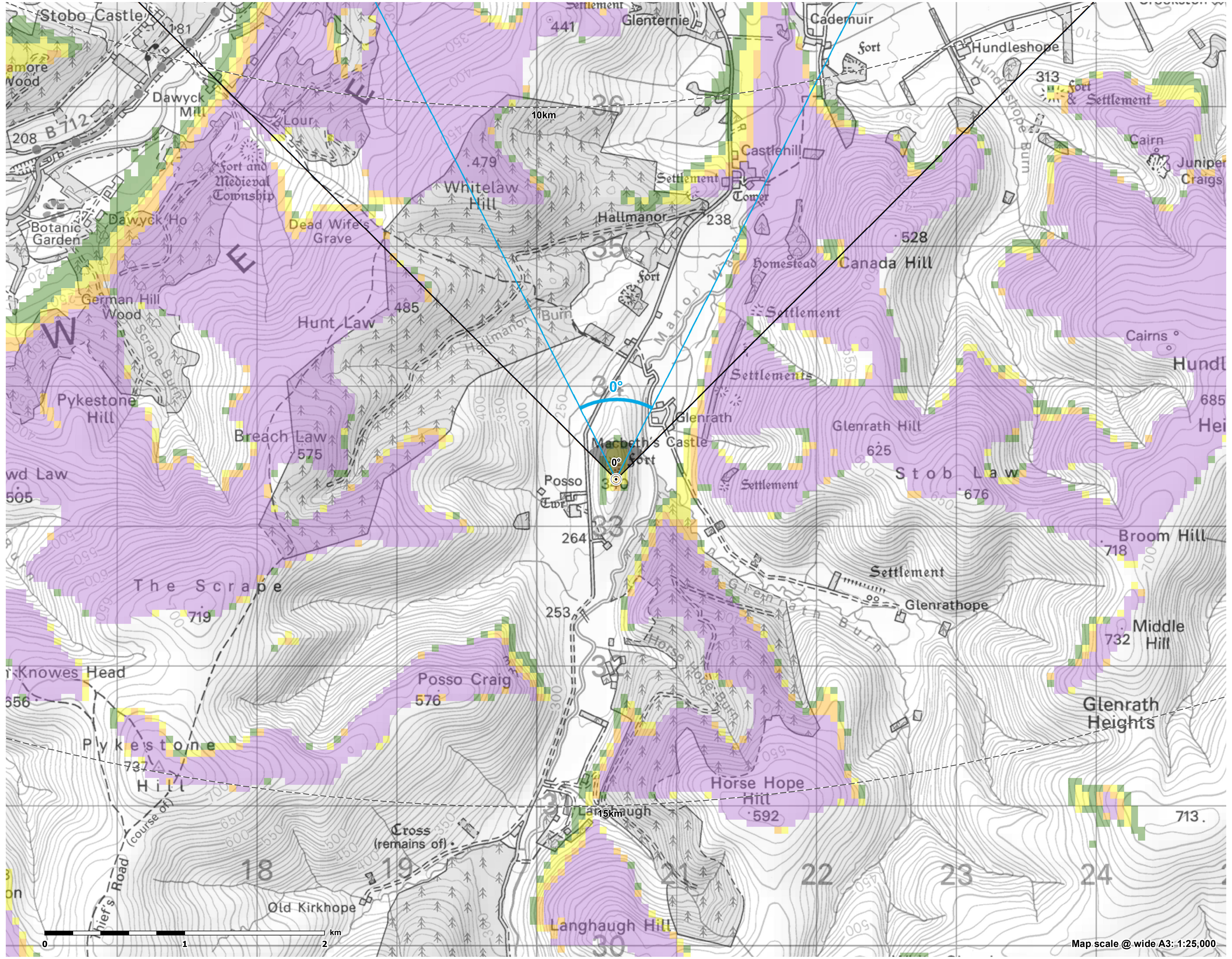

Stobo Castle
Dawyck Mill
Whitelaw Hill
Hallmanor
Castlehill
Canada Hill
Hunt Law
Breach Law
Pykestone Hill
Glenrath Hill
Stob Law
Macbeth's Castle
Posso
The Scrape
Glenrathope
Broom Hill
Middle Hill
Glenrath Heights
Posso Craig
Horse Hope Hill
Langhaugh
Langhaugh Hill
Old Kirkhope
Knowes Head
Hundleshope
Cademuir
10km
5km
0°
0
1
2
km

Map scale @ wide A3: 1:25,000

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CB:EL EB:lendak_e LUC FIG5-2x_r1_10801_VPoverviews 04/06/2021
Source: EDF, LUC

edf renewables

LUC

ARCUS

- 🟥 Site boundary
- ● Turbine location
- ▭ 5km intervals from outermost turbines
- ▭ 40km study area
- ⊙ Viewpoint

Theoretical turbine tip visibility
- 🟩 1-3 Turbines are visible
- 🟨 4-6 Turbines are visible
- 🟧 7-9 Turbines are viible
- 🟪 10-12 Turbines are visible

- V 53.5° Field of view
- V 90° Field of view

Notes
Cumulative wind farms based on information available to LUC on 09/02/2021.

The ZTV is calculated to turbine tip height (149.9 m) from a viewing height of 2 m above ground level. The terrain model assumes bare ground and is derived from OS Terrain 50 height data (obtained from Ordnance Survey in July 2019).
Earth curvature and atmospheric refraction have been taken into account.
The ZTV was calculated using ArcMap 10.5.1 software.

NORTH

Produced By: EL	Ref: Pr No.-REP-Dr. No.
Checked By: LC	Date: 04/06/2021

Viewpoint CH5:
Macbeths Castle
Figure 6.8

Cloich Forest Wind Farm
EIA Report

Baseline photograph
This image provides landscape and visual context only

Wireline drawing
Extent of central 50mm frame used to construct panorama
Extent of 53.5° planar panorama
Cloich
Bowbeat
320
330
340
350
N
000
010
020
030
040

LUC

OS reference: 320567E 633333N
AOD: 325 m
Direction of view: 0°
Nearest turbine: 12.67 km

Horizontal field of view: 90° (cylindrical projection)
Principal distance: 522 mm
Paper size: 841 x 297 mm (half A1)
Correct printed image size: 820 x 260 mm

Camera: Nikon D600
Lens: 50mm Fixed Focal Length
Camera height: 1.5 m

Photography Date: 25/06/2020
Photography Time: 14:50

Wind Farm Developments key (by status):

Proposed scheme
Operational
Under construction
Consented
Application
Scoping
Appeal/PLI

Cloich

Figure: 6.8a

Viewpoint CH5: Macbeths Castle

Wireline drawing

View flat at a comfortable arm's length

LUC

OS reference:	320567E 633333N
AOD:	325 m
Direction of view:	0°
Nearest turbine:	12.67 km

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

Wind Farm Developments key (by status):

Proposed scheme
Operational
Under construction

Cloich

Figure: 6.8b

Viewpoint CH5: Macbeths Castle

Photomontage
View flat at a comfortable arm’s length

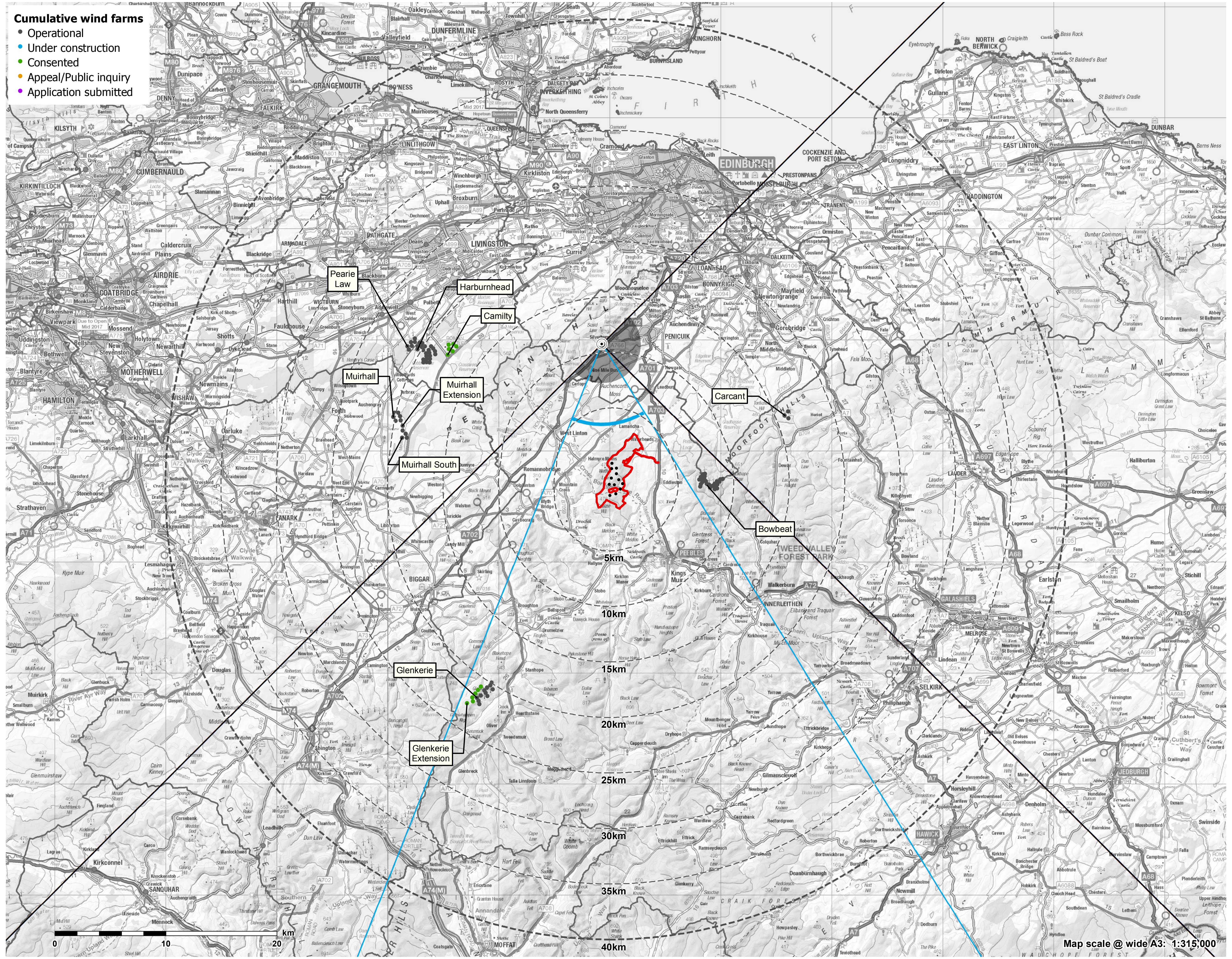
LUC

OS reference:	320567E 633333N	Horizontal field of view:	53.5° (planar projection)	Camera:	Nikon D600	Photography Date:	25/06/2020
AOD:	325 m	Principal distance:	812.5 mm	Lens:	50mm Fixed Focal Length	Photography Time:	14:50
Direction of view:	0°	Paper size:	841 x 297 mm (half A1)	Camera height:	1.5 m		
Nearest turbine:	12.67 km	Correct printed image size:	820 x 260 mm				

Cloich

Figure: 6.8c

Viewpoint CH5: Macbeths Castle


Cumulative wind farms
● Operational
● Under construction
● Consented
● Appeal/Public inquiry
● Application submitted
Pearie Law
Harburnhead
Camilty
Muirhall
Muirhall Extension
Muirhall South
Carcant
Bowbeat
Glenkerie
Glenkerie Extension
EDINBURGH
5km
10km
15km
20km
25km
30km
35km
40km
0
10
20
km
Map scale @ wide A3: 1:315,000

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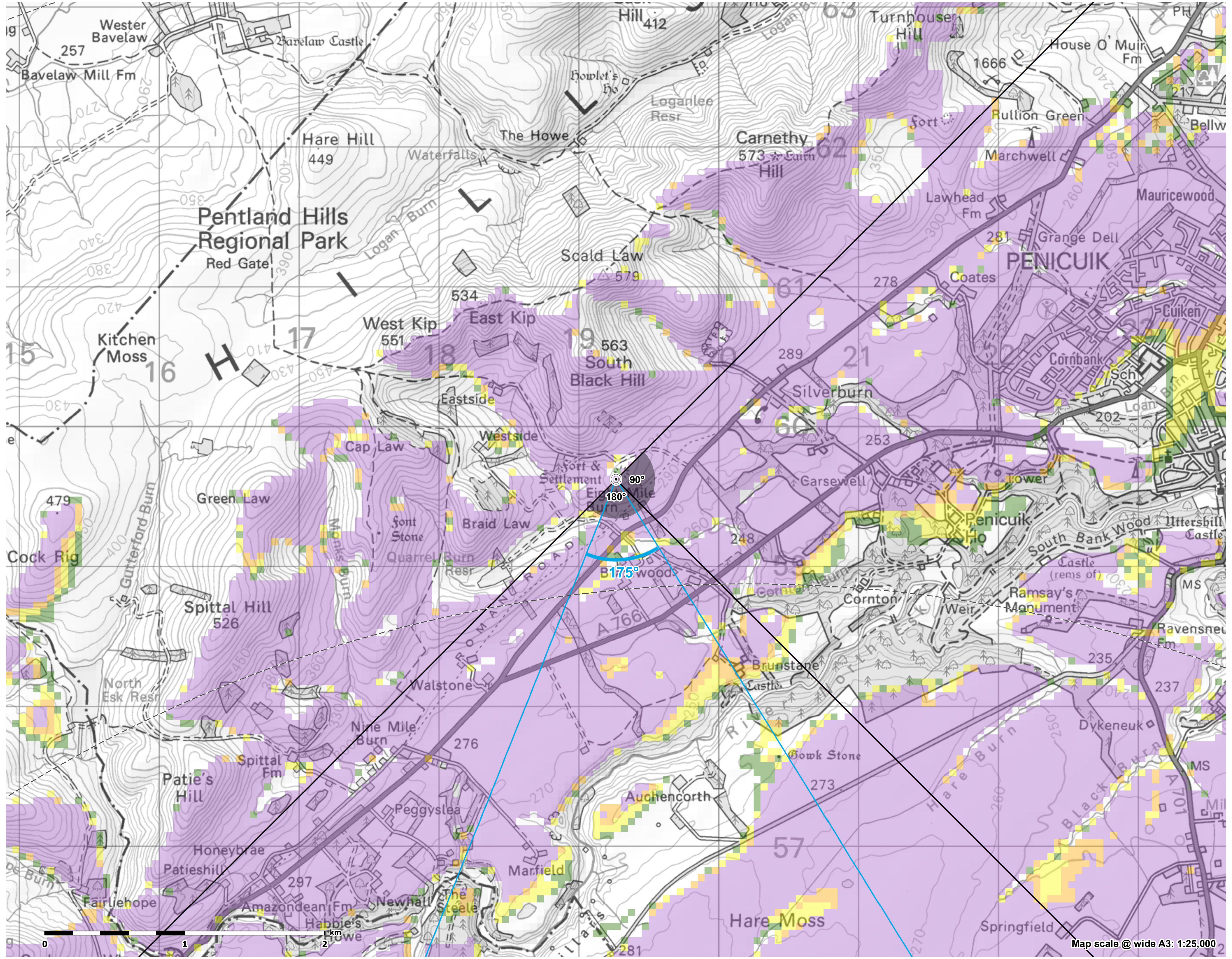
Pentland Hills Regional Park
PENICUIK
Carnethy Hill
Scald Law
South Black Hill
West Kip
East Kip
Cap Law
Spittal Hill
Patie's Hill
Silverburn
Eight Mile Burn
Nine Mile Burn
Walstone
Auchencorth
Hare Moss
90°
180°
B7175
A766
A701
0
1
2
km
Map scale @ wide A3: 1:25,000

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CB:EL EB:lendak_e LUC FIG5-2x_r1_10801_VPoverviews 04/06/2021
Source: EDF, LUC

EDF renewables

LUC

ARCUS

🟥	Site boundary
●	Turbine location
⬚	5km intervals from outermost turbines
⬚	40km study area
⊙	Viewpoint

Theoretical turbine tip visibility

🟩	1-3 Turbines are visible
🟨	4-6 Turbines are visible
🟧	7-9 Turbines are viible
🟪	10-12 Turbines are visible
V	53.5° Field of view
V	90° Field of view

Notes

Cumulative wind farms based on information available to LUC on 09/02/2021.

The ZTV is calculated to turbine tip height (149.9 m) from a viewing height of 2 m above ground level. The terrain model assumes bare ground and is derived from OS Terrain 50 height data (obtained from Ordnance Survey in July 2019).
Earth curvature and atmospheric refraction have been taken into account.
The ZTV was calculated using ArcMap 10.5.1 software.

NORTH

Produced By: EL	Ref: Pr No.-REP-Dr. No.
Checked By: LC	Date: 04/06/2021

Viewpoint CH6:
Camp Hill Fort
Figure 6.9

Cloich Forest Wind Farm
EIA Report

Baseline photograph
This image provides landscape and visual context only

Wireline drawing
Dun Law
Fallago Rig
Keith Hill
Pogbie
Toddleburn
Carcant
E
050
060
070
080
090
100
110
120
130

OS reference:	319266E 659622N	Horizontal field of view:	90° (cylindrical projection)	Camera:	Nikon D600	Photography Date:	01/08/2020
AOD:	322 m	Principal distance:	522 mm	Lens:	50mm Fixed Focal Length	Photography Time:	14:25
Direction of view:	90°	Paper size:	841 x 297 mm (half A1)	Camera height:	1.5 m		
Nearest turbine:	10.78 km	Correct printed image size:	820 x 260 mm				

Wind Farm Developments key (by status):

Proposed scheme
Operational
Under construction
Consented
Application
Scoping
Appeal/PLI

Cloich

Figure: 6.9a

Viewpoint CH6: Camp Hill Fort

Baseline photograph
This image provides landscape and visual context only

Wireline drawing
Extent of central 50mm frame used to construct panorama
Extent of 53.5° planar panorama
Bowbeat
Cloich
Clyde
Priestgill
140
150
160
170
S
180
190
200
210
220

OS reference: 319266E 659622N
AOD: 322 m
Direction of view: 180°
Nearest turbine: 10.78 km

Horizontal field of view: 90° (cylindrical projection)
Principal distance: 522 mm
Paper size: 841 x 297 mm (half A1)
Correct printed image size: 820 x 260 mm

Camera: Nikon D600
Lens: 50mm Fixed Focal Length
Camera height: 1.5 m

Photography Date: 01/08/2020
Photography Time: 14:25

Wind Farm Developments key (by status):

Proposed scheme	Application
Operational	Scoping
Under construction	Appeal/PLI
Consented	

Cloich

Figure: 6.9b

Viewpoint CH6: Camp Hill Fort

5 4 9 10 8 3 7 12 11 6 1 2
Wireline drawing
View flat at a comfortable arm’s length

LUC

OS reference:	319266E 659622N
AOD:	322 m
Direction of view:	175°
Nearest turbine:	10.78 km

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

Wind Farm Developments key (by status):

- Proposed scheme
- Operational
- Under construction

Cloich

Figure: 6.9c

Viewpoint CH6: Camp Hill Fort

Photomontage
View flat at a comfortable arm’s length

OS reference: 319266E 659622N
AOD: 322 m
Direction of view: 175°
Nearest turbine: 10.78 km

Horizontal field of view: 53.5° (planar projection)
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: 50mm Fixed Focal Length
Camera height: 1.5 m

Photography Date: 01/08/2020
Photography Time: 14:25

Cloich

Figure: 6.9d

Viewpoint CH6: Camp Hill Fort