



NORTH FALLS

Offshore Wind Farm

ENVIRONMENTAL STATEMENT

Chapter 30 – Figures (Part 5 of 6)

Document Reference:	3.2.26
Volume:	3.2
APFP Regulation:	5(2)(a)
Date:	July 2024
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NORTH FALLS

Offshore Wind Farm

Project	North Falls Offshore Wind Farm
Document Title	Environmental Statement Chapter 30 - Figures
Document Reference	3.2.26
APFP Regulation	5(2)(a)
Supplier	Royal HaskoningDHV
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Revision	Date	Status/Reason for Issue	Originator	Checked	Approved
0	July 2024	Submission	LUC	NFOW	NFOW



Baseline photograph - Winter



OS reference:	609147 E 230544 N
AOD (Above Ordnance Datum):	35.2 m
Direction of view:	213°
Distance to proposed substation :	1.64 km

Horizontal field of view:	90° (cylindrical projection)
Vertical field of view:	27°
Paper size:	841 x 297 mm (half A1)
Correct printed image size:	820 x 250 mm

Camera:	NIKON D750
Lens:	Nikkor AF 50mm f/1.8D
Camera height:	1.5 m (above AOD)
Date and time:	11/01/2023 09:47



Baseline photograph - Summer



OS reference:	609147 E 230544 N
AOD (Above Ordnance Datum):	35.2 m
Direction of view:	213°
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Horizontal field of view:	90° (cylindrical projection)
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Camera height:	1.5 m (above AOD)
Date and time:	18/05/2022 09:49



Visualisation showing cumulative substations, including year 1 planting - (90 degree view)



Visualisation showing cumulative substations, including year 15 planting - (90 degree view)



OS reference:	609147 E 230544 N
AOD (Above Ordnance Datum):	35.2 m
Direction of view:	213°
Distance to proposed substation :	1.64 km

Horizontal field of view:	90° (cylindrical projection)
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Date and time:	18/05/2022 09:49



Visualisation showing North Falls substation, including year 1 planting - (53.5 degree view)



OS reference:	609147 E 230544 N
AOD (Above Ordnance Datum):	35.2 m
Direction of view:	213°
Distance to proposed substation :	1.64 km

Horizontal field of view:	53.5° (planar projection)
Vertical field of view:	18.2°
Paper size:	841 x 297 mm (half A1)
Correct printed image size:	820 x 250 mm

Camera:	NIKON D750
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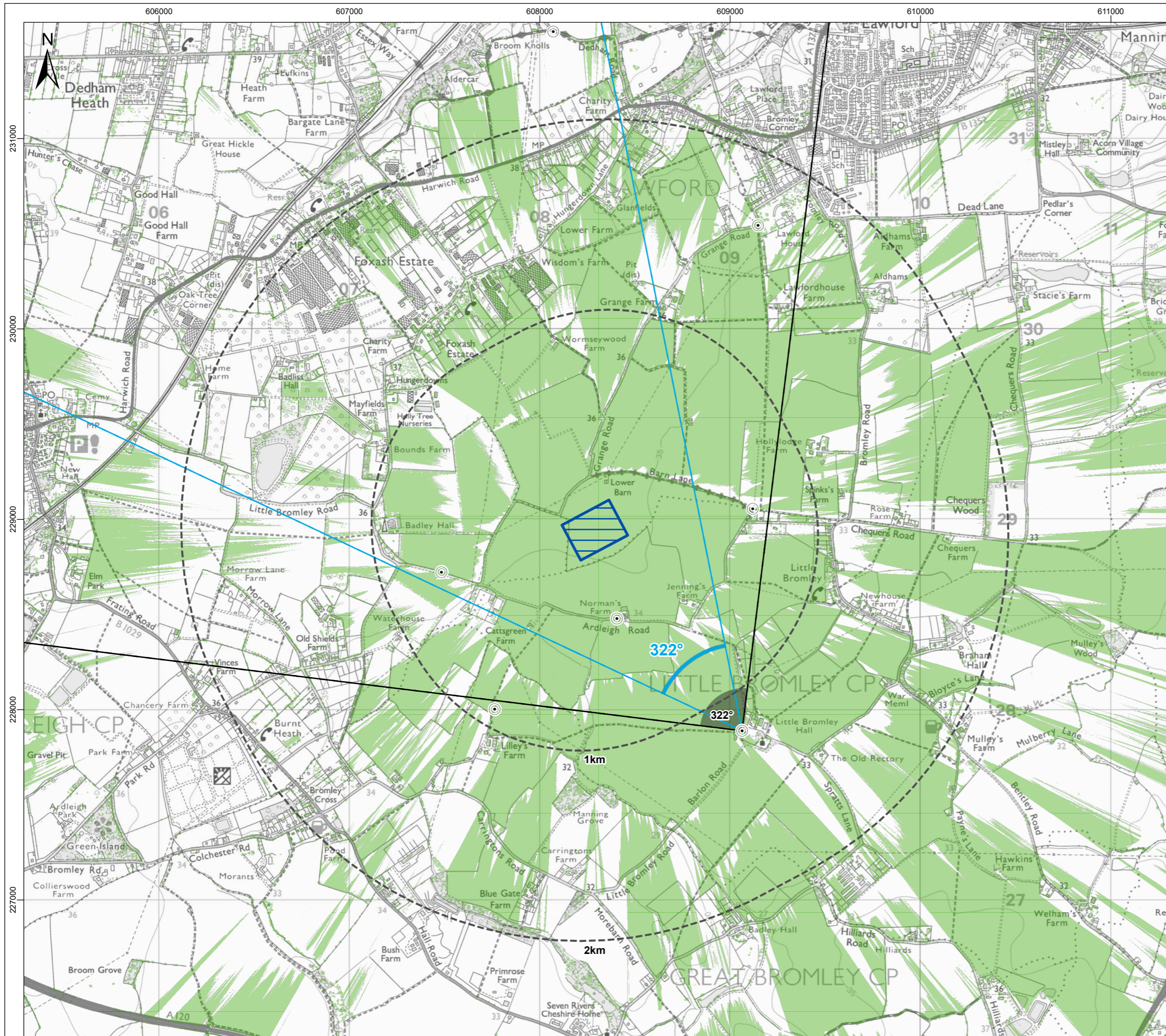
Visualisation showing North Falls substation, including year 15 planting - (53.5 degree view)



OS reference:	609147 E 230544 N
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Legend

- North Falls Substation Operational Footprint
- Substation Operational Footprint 1km Interval Buffer
- Theoretical Visibility of Substation Components
- Viewpoint
- 53.5° Field of View
- 90° Field of View

Notes

The ZTV is calculated to a height of 18m (lightning masts) for the substation operational footprint, from a viewing height of 1.5m above ground level.

The digital surface model (DSM) used is LIDAR 1m (2022) data (obtained from DEFRA in December 2023). A DSM includes a surface model of trees, buildings and hedges. Earth curvature and atmospheric refraction have been taken into account. The ZTV was calculated using ArcGIS Pro 3.2 software.



Data Source: OS, LUC, RHDHV

Drawing Title

Viewpoint 7 - Public Right of Way near Little Bromley Hall

Rev	Date	Remarks	Drwn	Chkd
03	12/12/2022	Third issue	RW	JN
02	14/11/2022	Second Issue	RW	JN
01	28/09/2022	First issue	RW	JN

Drawing Number PB9244-LUC-ZZ-ON-DR-GS-0051	Figure Number 30.2.7
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Scale 1:20,000	Plot Size A3	Datum OSGB36	Projection BNG
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Baseline photograph - Winter



OS reference:	609063 E 227889 N
AOD (Above Ordnance Datum):	34.1 m
Direction of view:	322°
Distance to proposed substation :	1.19 km

Horizontal field of view:	90° (cylindrical projection)
Vertical field of view:	27°
Paper size:	841 x 297 mm (half A1)
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Visualisation showing cumulative substations, including year 15 planting - (90 degree view)



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