



N O R T H F A L L S

Offshore Wind Farm

New visualisation (VP9) from Barn Lane - Grange Road Part 1 of 2

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NORTH FALLS

Offshore Wind Farm

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Revision	Date	Status/Reason for Issue	Originator	Checked	Approved
0	June 2025	Deadline 6	RHDHV	NFOW	NFOW

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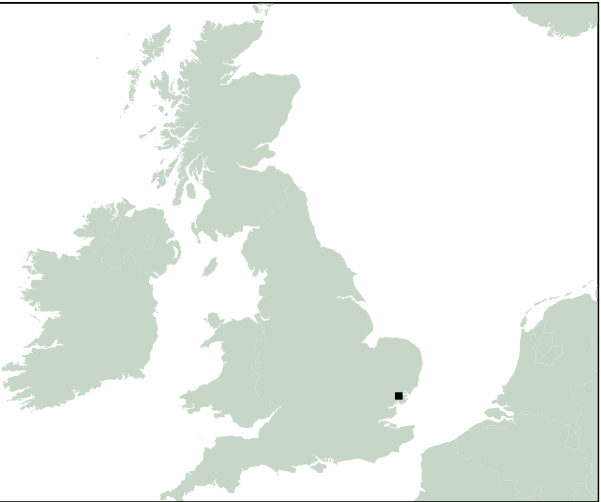
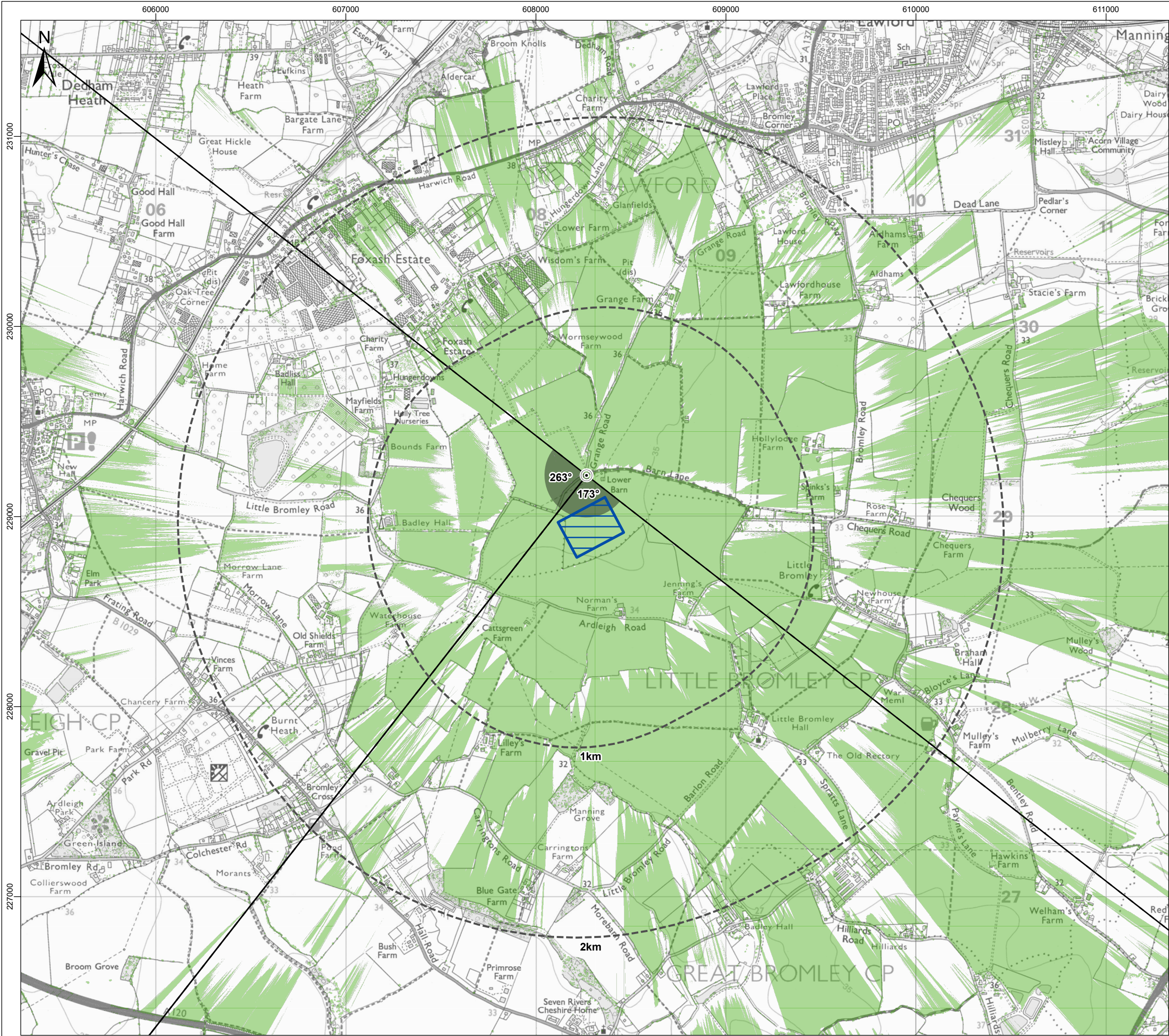
Figure 30.2.9j: Visualisation showing cumulative development, including year 15 planting – (90 degree view) (263° view)

Glossary of Acronyms

DCO	Development Consent Order
ES	Environmental Statement
ExQ2	Examining Authority's Second Written Questions
VP	Viewpoint

1 New visualisation (VP9) from Barn Lane - Grange Road

1. This document contains a set of landscape and visual impact visualisations from a new viewpoint located north of the onshore substation, along Grange Road.
2. The Applicant has prepared these visualisations in response to the Examining Authority's Second Written Questions (ExQ2) **[PD-013]** Q14.0.4 (ii), which stated:
"Please can the applicant provide an additional VP [viewpoint] from the north, at Grange Road."
3. The new viewpoint (VP9) is located at the junction of Barn Lane byway and Grange Road. The location of the viewpoint is shown on Figure 30.2.9.
4. The visualisations have been prepared in line with the visualisations prepared and submitted with the Project's Development Consent Order (DCO) application for viewpoints 1-8 as part of Environmental Statement (ES) Chapter 30 Figures **[APP-083 to APP-088]**.
5. Visualisations looking both south (173°) and west (263°) have been provided, to demonstrate both views of the North Falls onshore substation and views incorporating projects considered within the cumulative effects assessment. For each direction, the visualisations show:
 - views including baseline photography (Figure 30.2.9a (south); Figure 30.2.9f (west));
 - the North Falls onshore substation including year 1 planting (Figure 30.2.9b (south); Figure 30.2.9g (west));
 - the North Falls onshore substation and cumulative developments (where visible) including year 1 planting (Figure 30.2.9c (south); Figure 30.2.9h (west));
 - the North Falls onshore substation including year 15 planting (Figure 30.2.9d (south); Figure 30.2.9i (west)); and
 - the North Falls onshore substation and cumulative developments (where visible) including year 15 planting (Figure 30.2.9e (south); Figure 30.2.9j (west)).



Legend

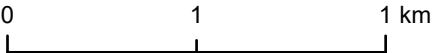
- North Falls Substation Operational Footprint
- Substation Operational Footprint 1km Interval Buffer
- Theoretical Visibility of Substation Components
- Viewpoint

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 9 - Barn Lane – Grange Road

Rev	Date	Remarks	Drwn	Chkd
01	20/06/2025	First issue	JN	PM

Drawing Number	Figure Number
PB9244-LUC-ZZ-ON-DR-GS-0053	30.2.9

Scale	Plot Size	Datum	Projection
1:20,000	A3	OSGB36	BNG





OS reference:	608267 E 229217 N
AOD (Above Ordnance Datum):	35.7 m
Direction of view:	173°
Distance to proposed substation :	148 m

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:	27/05/2025 12:00



Visualisation showing North Falls development, including year 1 planting - (90 degree view)



OS reference:	608267 E 229217 N
AOD (Above Ordnance Datum):	35.7 m
Direction of view:	173°
Distance to proposed substation :	148 m

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:	27/05/2025 12:00



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



OS reference:	608267 E 229217 N
AOD (Above Ordnance Datum):	35.7 m
Direction of view:	173°
Distance to proposed substation :	148 m

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:	27/05/2025 12:00



Visualisation showing North Falls development, including year 15 planting - (90 degree view)



OS reference:	608267 E 229217 N
AOD (Above Ordnance Datum):	35.7 m
Direction of view:	193°
Distance to proposed substation :	148 m

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:	27/05/2025 12:00



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



NORTH FALLS

Offshore Wind Farm



RWE

HARNESSING THE POWER OF NORTH SEA WIND

North Falls Offshore Wind Farm Limited

A joint venture company owned equally by SSE Renewables and RWE.

To contact please email contact@northfallsoffshore.com

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