



BEACON FEN ENERGY PARK

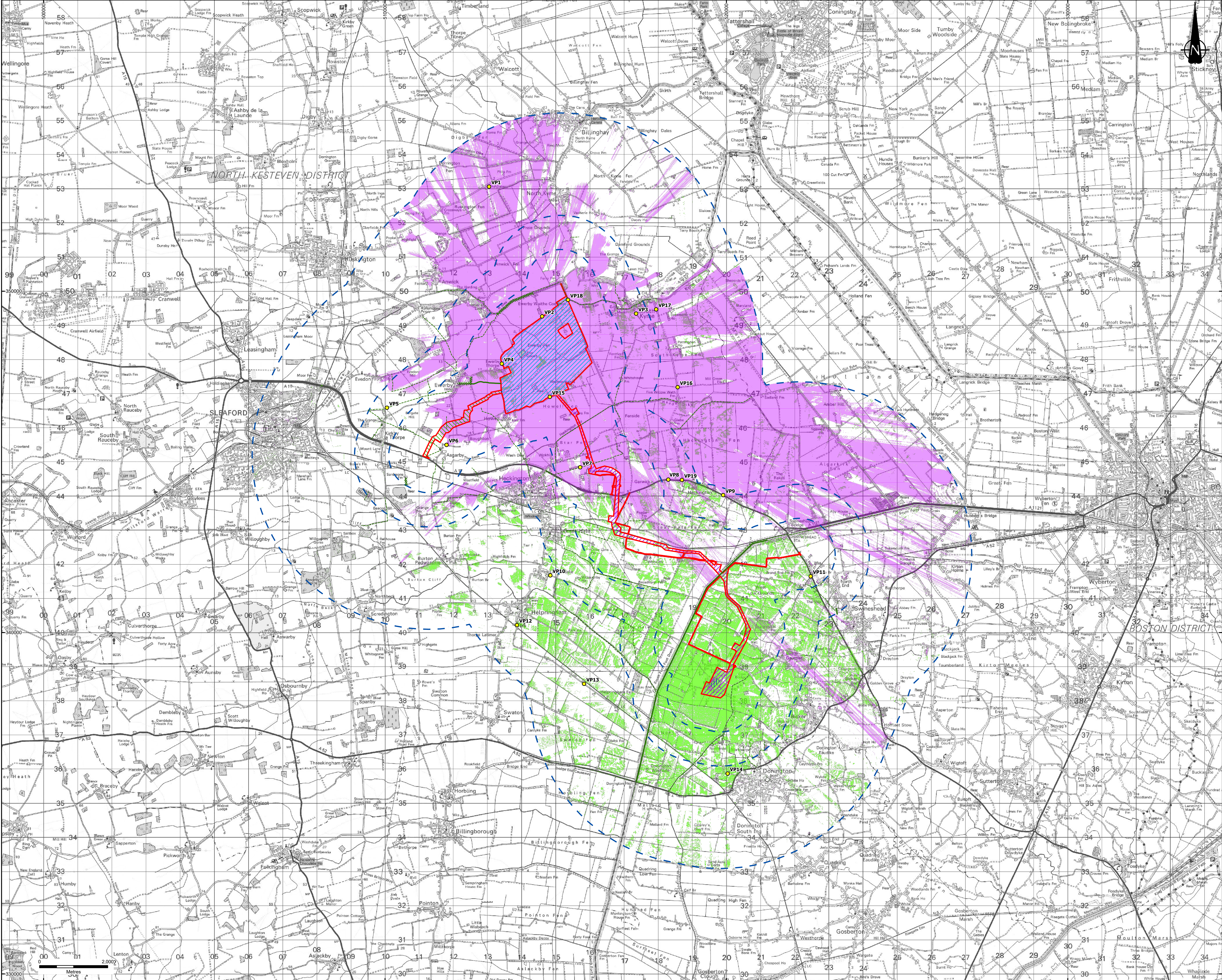
Planning Inspectorate Reference: EN010151

Figure 6.2 Screened Zone of Theoretical Visibility with Viewpoints

Document Reference: 6.4 ES Volume 3, 6.4.13

April 2025





- KEY
- DCO Order Limits
 - Solar Array Area
 - Bespoke Access Corridor
 - Cable Route Corridor
 - 1, 2 & 5km Search Area
 - Bridleway
 - Footpath
 - Restricted Byway
 - Bicker Fen Substation
 - Screened Zone of Theoretical Visibility - Substation Extension
 - Screened Zone of Theoretical Visibility - Solar Array Area
 - Selected Viewpoints

VPID	Easting	Northing
1	513048	353062
2	514602	349262
3	517355	349343
4	513421	347876
5	510057	346586
6	511802	345497
7	515716	344841
8	518297	344480
9	519905	344026
10	514842	341675
11	522467	341647
12	513865	340219
13	515830	338498
14	520036	335869
15	514827	346904
16	518572	347188
17	517942	349467
18	515360	349746
19	518697	344470

Notes:

Excluding the DCO Order Limits, boundaries shown are indicative.

DCO Order Limits provided by Ardent Management on 04/02/2025.

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Generated using a 2m resolution Digital Surface Model (DSM) which is based on DSM data from the Environment Agency, incorporating the proposed Solar PV panels modelled across the site to a maximum anticipated heights of 3.9 m and 3.5 m. Locations of respective panel heights were determined by the most updated layout received by the Client.

Proposed scheme for the Solar Array Area Zone of Theoretical Visibility (ZTV) is derived from the proposed Solar Array Area with selective reference points included from approximately every 100m on a grid across the full extent of the Solar Array Area.

Proposed scheme for the Substation Extension Zone of Theoretical Visibility (ZTV) is derived from the proposed substation extension information known to date, drawing ref ST19595-382 Land take design options (Bicker Fen substation), with selective reference points at the top of the proposed substation extension locations.

Zone of Theoretical Visibility (ZTV) raster data was calculated using QGIS 3.22.8 Visibility Analysis tool with observer eye 1.8 m above ground.

Public Right of Way (PrOW) data produced by Lincolnshire County Council (LCC) and accessed on Rowmap.com in shapelite format on 24/01/2025. PrOW shapelite data dated 30/09/2024 and may therefore not be up to date. PrOW data shown may contain inaccuracies and errors regarding the location, position and/or alignment of PrOW, and is not the legal representation of the PrOW. Definitive Map of Lincolnshire and should therefore not be relied upon. Contains Ordnance Survey data. ©Crown copyright and database right 2024. Contains public sector information licensed under the Open Government Licence v3.0.

1	FIRST ISSUE	04/02/25	BL	DS
CLIENT	BEACON FEN ENERGY PARK LTD			

BEACON FEN ENERGY PARK LTD

PROJECT

BEACON FEN ENERGY PARK

DRAWING TITLE

FIGURE 6.2
SCREENED ZONE OF THEORETICAL VISIBILITY

PROJ NO.	ST19595-113	REV	1	SUIT CODE	--
PROJ SIZE	A1	SCALE	1:50,000	DATE	04/04/2025
DRAWN BY	CT	CHECKED BY	DS	APPROVED BY	DS