



BEACON FEN ENERGY PARK

Planning Inspectorate Reference: EN010151

Figure 6.1 Bareground Zone of Theoretical Visibility

Document Reference: 6.4 ES Volume 3, 6.4.12

April 2025





- KEY
- DCO Order Limits
 - Solar Array Area
 - Bespoke Access Corridor
 - Cable Route Corridor
 - 1, 2 & 5km Search Area
 - Bicker Fen Substation
 - Bare Ground Zone of Theoretical Visibility - Solar Array Area
 - Bare Ground Zone of Theoretical Visibility - Substation Extension
 - 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.

Contains Environment Agency LIDAR open data © Crown Copyright. All rights reserved. 2025

© Crown copyright and database rights 2025 Ordnance Survey Licence No. AC0000808122

Generated using a 2m resolution Digital Terrain Model (DTM) which is based on DTM 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.

1	FIRST ISSUE	04/04/25	DL	DS	DS
2					
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
31					
32					
33					
34					
35					
36					
37					
38					
39					
40					
41					
42					
43					
44					
45					
46					
47					
48					
49					
50					
51					
52					
53					
54					
55					
56					
57					
58					
59					
60					
61					
62					
63					
64					
65					
66					
67					
68					
69					
70					
71					
72					
73					
74					
75					
76					
77					
78					
79					
80					
81					
82					
83					
84					
85					
86					
87					
88					
89					
90					
91					
92					
93					
94					
95					
96					
97					
98					
99					
100					

BEACON FEN ENERGY PARK LTD

BEACON FEN ENERGY PARK

FIGURE 6.1
BARE GROUND ZONE OF
THEORETICAL VISIBILITY

ST19595-111

1

04/04/2025

A1

1:50,000

CT

DS

DS

wardell
armstrong

PART OF SLR