472000
480000
488000
496000
504000
280000
272000
264000
256000
248000

A
A.2
B
C
D
E
BESS
F
G

GREEN HILL SOLAR FARM

Title: Figure 8.9 Augmented Zone of Theoretical Visibility (ZTV) of Full Scheme

Document:
Volume 1
Landscape and Visual Environmental Statement (ES)

Legend:
- Order Limits
- 1km Study Area
- 2km Study Area
- 5km Study Area

Development Parameters
- BESS
- Substation
- Panels
- OS OpenMap Local Buildings
- Forestry Commission's National Forest Inventory

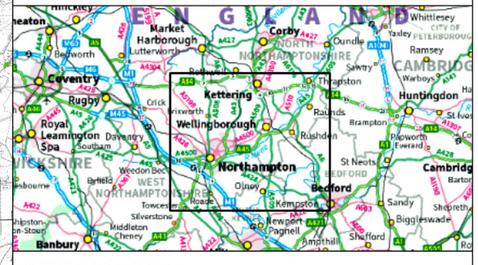
Augmented ZTV

Percentage of site where proposed development theoretically visible
- 0.01-25%

Note:
1. The augmented Zone of theoretical visibility (ZTV) has been generated using the Environment Agency's 2m DTM (2022), as well as Ordnance Survey's Open Buildings dataset and the Forestry Commission's National Forest Inventory (NFI) dataset. The resulting ZTV demonstrates where the development may be visible from considering existing screening elements such as buildings (modelled at 8m high), as well as trees from the NFI dataset (modelled at 12m high). Additional screening effects resulting from the proposed development are also accounted for.

2. This ZTV was produced to indicate theoretical visibility as a worst case, with an assumption that the proposed development would fill the full extent of the development area at a maximum solar panel height of 4.5m, a BESS height of 3.5m and a substation height of 6.8m at Green Hill A, B, E, F and G and 12.5m at Green Hill C and BESS, with an observer height of 1.7m.

Data: ADAS and DEFRA, 2025; Forestry Commission, 2025; Lanpro, 2025; IGP, 2025
Base map: © Crown copyright and database rights 2025, Ordnance Survey 0100031673
Contains OS data © Crown Copyright and database right 2022



APFP Regulation: 5(2)(a)

Application Doc No.: EN010170/APP/GH6.4.8.9

Drawing no.: P3535_LPR_ZZ_XX_DR_Z_LVA_0054

Coordinate system: British National Grid

Scale: 1:120,000 @ A3

N
W
E
S

0 1 2 3 4 5 km

Island GREEN POWER

Lanpro