472000
480000
488000
496000
504000
280000
272000
264000
256000
248000

A
A.2
B
C
D
E
F
G
BESS

VP1 VP2 VP3S VP3W VP4 VP5 VP6 VP7 VP8 VP9 VP10 VP11 VP12 VP13 VP14 VP15 VP16 VP17 VP18 VP19 VP20 VP21 VP22 VP23 VP24 VP25 VP26 VP27 VP30 VP31 VP32 VP33 VP34 VP35 VP36 VP37 VP38 VP39 VP40 VP41 VP42 VP43 VP44 VP45 VP46 VP47 VP48 VP49 VP50 VP51 VP52 VP53 VP54

NN1 NN2 NN3 NN4 NN5 NN6 NN7 NN8 NN9 NN10 NN11 NN12 NN13

MKCC1 MKCC2 MKCC3

GREEN HILL SOLAR FARM

Title: Figure 8.9.17 Augmented Zone of Theoretical Visibility (ZTV) of Full Scheme and Cumulative Development
Revision B

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

Legend:
- Order Limits
- 1km Study Area
- 2km Study Area
- 5km Study Area
- Grendon Lakes BESS
- Forestry Commission's National Forest Inventory
- OS OpenMap Local Buildings

Grendon Lakes BESS Augmented ZTV
- Views of proposed development theoretically visible

Green Hill Solar Farm Augmented ZTV
- Views of proposed development theoretically visible

Viewpoint
- Photomontage
- Viewpoint

NN Viewpoint
- Photomontage
- Viewpoint

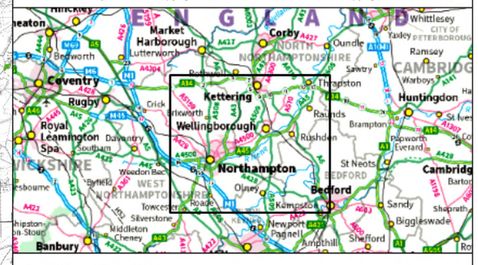
MKCC Viewpoint
- Photomontage

Note:
1. Both augmented Zones of Theoretical Visibility (ZTV) have 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). For the Green Hill Solar Farm ZTV, additional screening effects resulting from the proposed development are also accounted for.

2. The Green Hill Solar Farm 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.

3. The Grendon Lakes BESS 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 RLB, excluding the access track, a maximum height of 3.9m, with an observer height of 1.7m.

Data: ADAS and DEFRA, 2026; Forestry Commission, 2026; Lanpro, 2026; IGP, 2025
Base map: © Crown copyright and database rights 2026, Ordnance Survey 0100031673
Ordnance Survey © Crown copyright, Contains OS data © Crown Copyright and database



APFP Regulation: 5(2)(a)

Application Doc No.: EN010170/EX5/GH6.4.8.9.17_B

Drawing no.: P3535_LPR_ZZ_XX_DR_Z_LVA_0317

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