



Title: Figure 8.9.7 Augmented Zone of Theoretical Visibility (ZTV) of Full Scheme at Green Hill F Revision B

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

**Legend:**

- Order Limits (Red outline)
- 1km Study Area (Dashed line)
- 2km Study Area (Dotted line)
- 5km Study Area (Solid line)
- OS OpenMap Local Buildings (Grey)
- Forestry Commission's National Forest Inventory (Green)
- Development Parameters: BESS (Pink), Substation (Light Green), Panels (Blue)
- Augmented ZTV: Percentage of site where proposed development theoretically visible (Yellow to Orange gradient)
- Viewpoint: Photomontage (Blue circle)
- Viewpoint: Photomontage (Purple square)
- Viewpoint: Photomontage (Orange square)
- MKCC Viewpoint: Photomontage (Orange square)

**Note:**

- 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.
- 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, 2026; Forestry Commission, 2026; Lanpro, 2026; IGP, 2026  
**Base map:** © Crown copyright and database rights 2026, Ordnance Survey 0100031673  
 Ordnance Survey © Crown copyright, Contains OS data © Crown Copyright and database



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 Scale: 1:40,000 @ A3

