



KEY

- Site Boundary
- 3km Study Area
- Viewpoint Location
- OS OpenMap Local Buildings
- OS OpenMap Local Woodland
- Solar Development - 3m Height
- Substation Development - 7.5m Height

Screened Zone of Theoretical Visibility

- Solar Visible Only
- Substation Visible Only
- Both Development Types Visible

Screened ZTV Production Information -
 - DTM data used in calculations is OS Terrain 5 that has been combined with OS Open Map Local data for woodland and buildings to create a Digital Surface Model (DSM).

- Indicative woodland and building heights are modelled at 15m and 8m respectively.
- Viewer height set at 1.7m (in accordance with para 6.11 of GLVIA Third Edition)
- Calculations include earth curvature and light refraction

N.B. This Zone of Theoretical Visibility (ZTV) image illustrates the theoretical extent of where the proposed development may be visible from, assuming 100% atmospheric visibility, and includes the screening effect from woodland and buildings, based on the assumptions stated above.

FIGURE 7.1: SCREENED ZONE OF THEORETICAL VISIBILITY

COLTSDENE SOLAR FARM

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↑
0 1 km

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SHEET	REVISION		
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