Scottish & Southern Electricity Networks
TRANSMISSION

LUC

The ZTV indicates the theoretical visibility of the proposed development from a viewing height of 2 m above ground level. Tower and gantry heights between 62.87 m and 12 m were used.

The terrain model is based on Ordnance Survey Terrain 5 digital terrain model (DTM) data. The ZTV does not account for landscape features such as buildings and trees that also provide screening. Earth curvature and atmospheric refraction have been taken into account. The ZTV was calculated using ArcGIS Pro 3.4.0 software.

330 340

744000m.N

740

732000m.N

330000m.E 340

Scale @ A3: 1:50,000
0 1 2 km

**Proposed Development**

- Proposed Tower
- Existing tower to be dismantled
- Temporary diversion tower
- Existing tower position to be retained
- Proposed Alignment
- Existing overhead line to be removed
- Temporary diversion of overhead line
- Existing overheadline reconductoring
- Proposed Development Limit of Deviation (LOD)
- Downlead

**Intra (Associated) Developments**

- Proposed gantry

**Landscape and Visual Impact Assessment (LVIA) Study Area**

- LVIA study area (5 km buffer from Proposed Alignment)
- 1 km buffer interval

**Recreation**

- Core path

**Visual**

- Visual Receptor Area (VRA)
- Viewpoint
  - VP1: Myreton of Claverhouse
  - VP2: Minor Road near Newlandhead and North Balluderon
  - VP3: Cairns, Balkello Hill

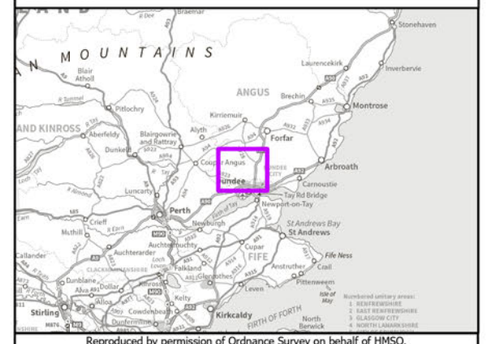
**Zone of Theoretical Visibility (ZTV)**

- Area theoretically visible

**Notes:**

For a comprehensive view of the Proposed Development, please refer to Figure 3.1.





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|---|---|
| Project No: | LT455 |
| Project: | Emmock and Tealing Overhead Line Tie-ins |
| Title: | Visual Receptor Areas, Viewpoint Locations and other Visual Receptors with Bare Earth Zone of Theoretical Visibility (ZTV) |
| Drawn by: | MS |
| Date: | 23/09/2025 |
| Drawing: | 7.2 |