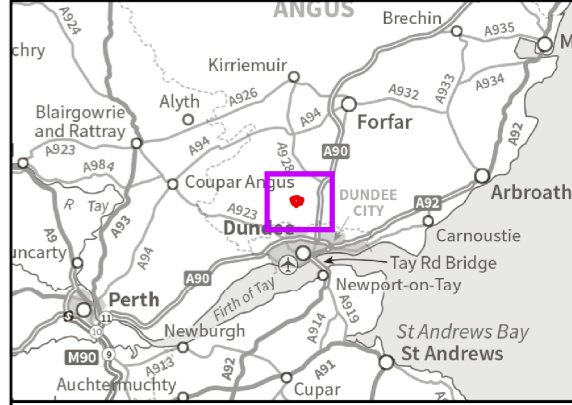


- Inner Study Area
- Outer Study Area (3 km)
- Scheduled Monument
- + Category A Listed Building
- + Category B Listed Building
- + Category C Listed Building
- Cultural Heritage Viewpoints (VPs)
- With Screening ZTV
- Building
- Woodland (mixed mainly conifer, mixed mainly broadleaved, conifer, broadleaved, young trees)

The ZTV indicates the theoretical visibility of the substation. The ground elevation of the fence line and electrical infrastructure is set to 139m with a height of 15.3m added to the electrical infrastructure, a height of 7.2m added to the control building and a height of 3.4m added to the fence line. Screening layers (up to 3km) include bunding, buildings set to 8m and national forest inventory categories mixed mainly conifer, mixed mainly broadleaved, conifer, broadleaved young trees set to 15m and 5m for young trees. A viewer height of 2m was 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 3.3.1 software.

Figure produced by CFA

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Project No: LT382
Project: Emmock 400 kV Substation

Title:
Designated Cultural Heritage:
Outer Study Area (With-Screening ZTV)

Drawn by: SG
Date: 14/11/2024

Figure: 8.3