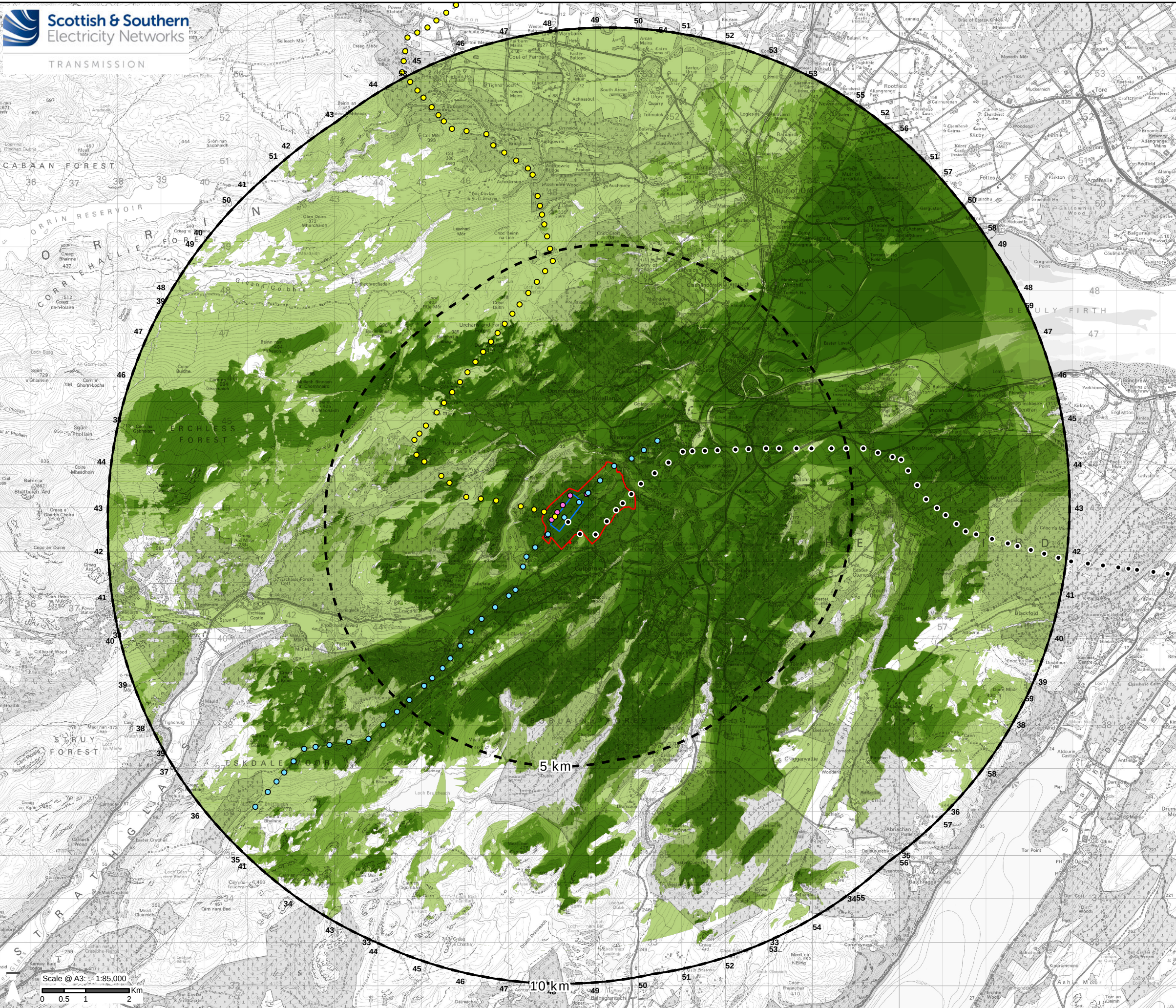




Legend

- Site Boundary
- Distance from the Site Boundary

Proposed SSSEN Development

- Fanellan 400kV Substation & Converter Station - Development Platform
- Proposed Beauly to Peterhead 400 kV Overhead Line (BBNP) Tower
- Existing Beauly to Denny 400 kV Overhead Line Tower
- Proposed Beauly to Denny 400 kV Overhead Line Permanent Diversion and Tie-ins (to the Proposed Development) Tower
- Proposed Spittal to Beauly 400 kV Overhead Line (SLBB) Tower

Zone of Theoretical Visibility - Number of SSSEN Developments Potentially Visible

- 1 SSSEN Site
- 2 SSSEN Sites
- 3 SSSEN Sites
- 4 SSSEN Sites
- 5 SSSEN Sites

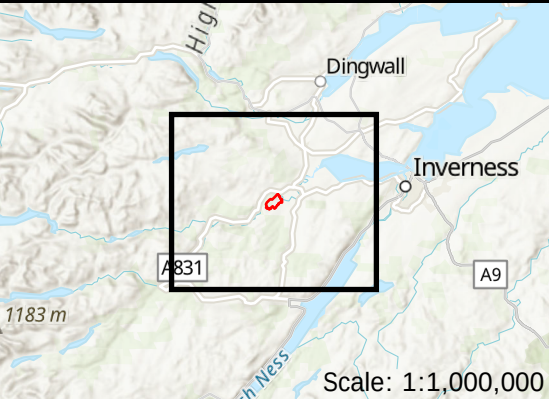
ZTV Note:

- This drawing shows the theoretical visibility of the Fanellan 400kV Substation & Converter Station with a height of 27.5 m occupying a development platform at 127 m AOD (marked in blue). The assumed viewer eye height is 2 m above ground level.
- The Zone of Theoretical Visibility for the towers is calculated based on their maximum height (46.1 m - 65.4 m), with a viewer height of 2 m above ground level. The visibility of these towers is cut off at 10 km each.
- The terrain model assumes bare ground and is derived from OS Terrain 5 data. The ZTV does not take into consideration intervening vegetation and built form. This presents a worst case scenario.
- Earth curvature and atmosphere refraction have been taken into account.

Proposed Spittal to Beauly 400 kV Overhead Line (SLBB) ZTV Note:

- The Zone of Theoretical Visibility is calculated based on the maximum height of the towers (70 m), with a viewer height of 2 m above ground level.
- The terrain model assumes bare ground and is derived from OS Terrain 5 data. The ZTV does not take into consideration intervening vegetation and built form. This presents a worst case scenario.
- Earth curvature and atmosphere refraction have been taken into account.

The Proposed Beauly to Peterhead 400 kV Overhead Line (BBNP) tower locations are indicative as per October 2024, and are subject to change.



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Project No: LT000459

Project: Fanellan 400kV Substation and Converter Station

Title:
Figure 8.5 - Cumulative ZTV for SSSEN Sites

Drawn by: MAL 26/02/25

Drawing: 70112533-WSP-DR-DA-014