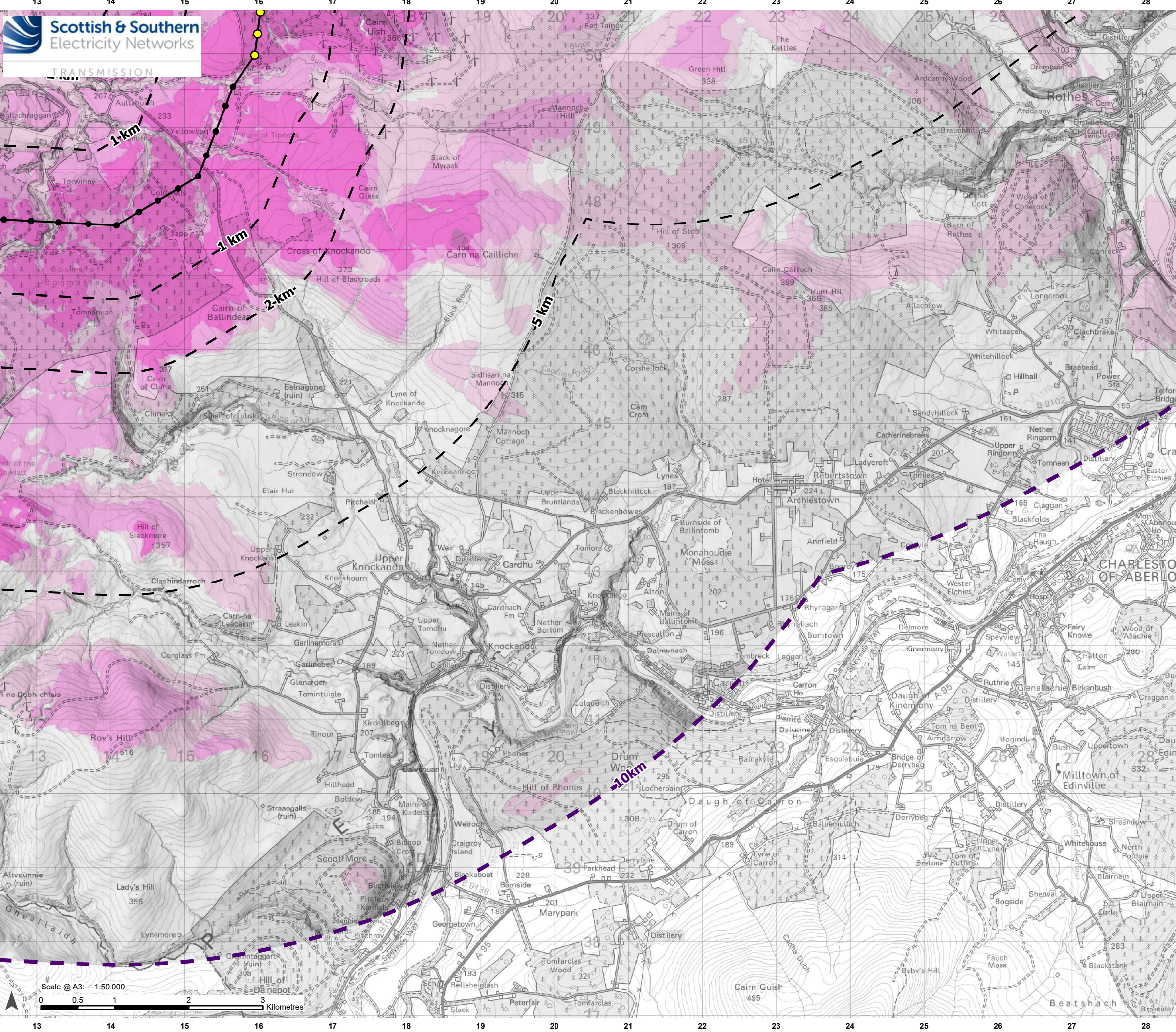




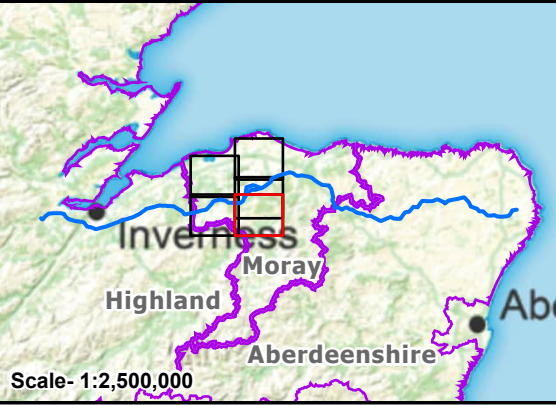
Legend

- 10 km LVIA Study Area
- Distance from Proposed Alignment : 1 km, 2 km, 5 km
- Proposed OHL Alignment - 400 kV
- Proposed Tower - 400 kV
- Proposed Tower - Kellas Alternative Alignment

Zone of Theoretical Visibility (ZTV) (Number of Towers Visible)



- ZTV Note:**
- 1) For a comparison against the Bare Earth ZTV for the Proposed OHL Alignment refer to pages 10, 11, 13, 14 and 15 of **Figure 7.1 - Zone of Theoretical Visibility 10km LVIA Study Area - Bare Earth**.
 - 2) The theoretical visibility of the proposed towers is calculated based on the design heights of towers including the Kellas Alternative Towers shown in yellow (14.65 m - 96.57 m). The assumed viewer eye height is 2 m above ground level. The visibility of these towers is cut off at 10 km each.
 - 3) The digital elevation model assumes bare ground and is derived from OS Terrain 5 data. The ZTV does not take into consideration intervening vegetation and built forms. This presents a worst-case scenario.
 - 4) Earth curvature and atmosphere refraction have been taken into account.
 - 5) The ZTV is based on the Design Freeze 4 and take into account the proposed towers for the Kellas Alternative Alignment.
 - 6) Refer to **Section 7.2 of Chapter 7: Landscape and Visual** for ZTV creation methodology.



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Project: Beauly to Blackhillock to New Deer to Peterhead 400 kV OHL Project

Title: Figure 7.3c - Comparative Zone of Theoretical Visibility
Kellas Alternative Alignment - Bare Earth
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Drawn by: MAL **Date:** 11/09/2025

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