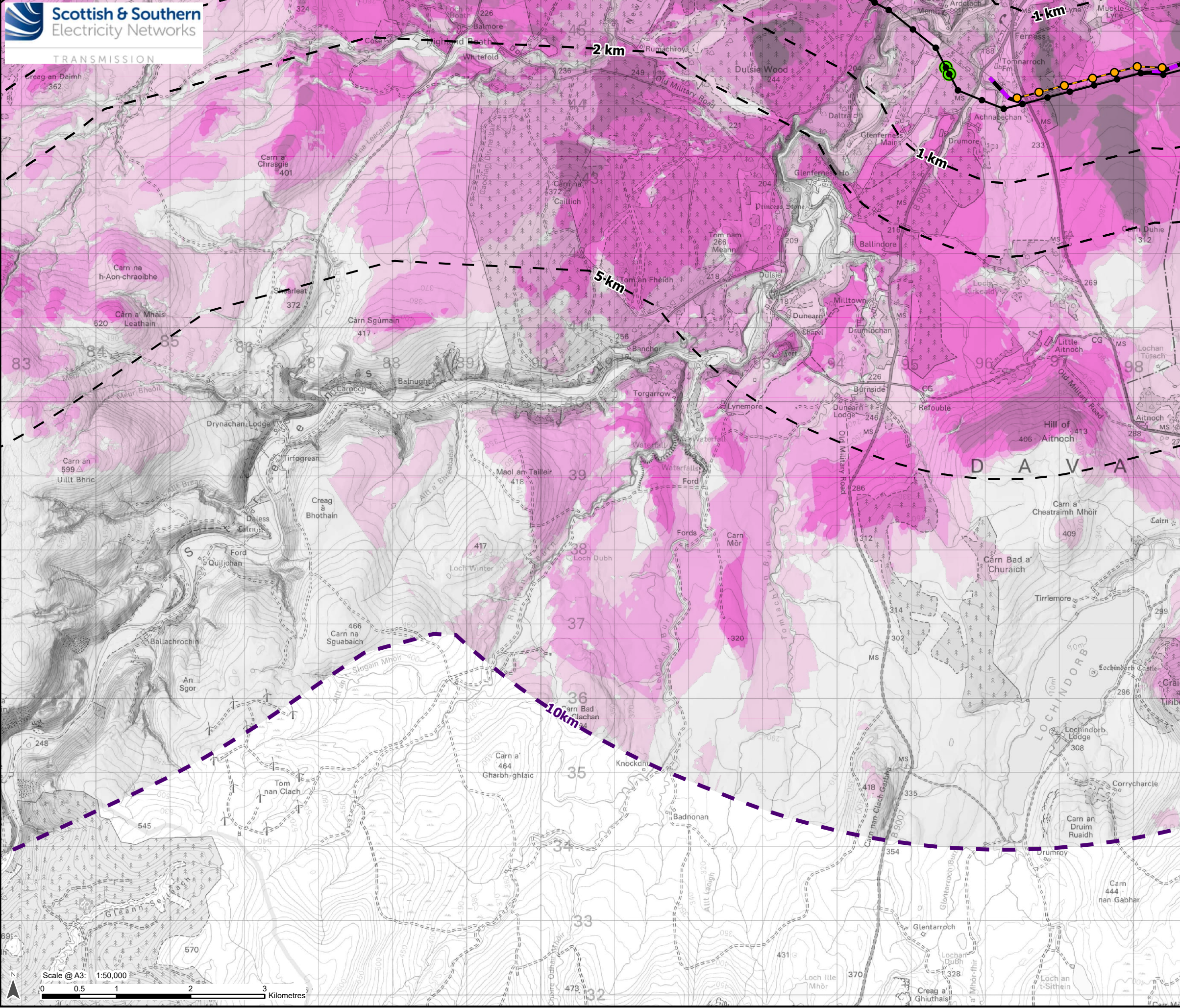




Legend

- 10 km LVIA Study Area
- Distance from Proposed Alignment : 1 km, 2 km, 5 km

Development for which Section 37 Consent is Sought

- Proposed OHL Alignment - 400 kV
- Temporary OHL Diversion
- Proposed Alignment - Existing OHL Works (275 kV Realignment and Crossings)
- Proposed Tower - 400 kV
- Proposed Tower - Existing OHL Works (275 kV Realignment and Crossing)
- Transposition Tower

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

1 - 15	16 - 30	31 - 45	46 - 60	61 - 77
--------	---------	---------	---------	---------

ZTV Note:

- The theoretical visibility is based on the design heights of the proposed towers (14.65 m – 96.57 m) of the proposed OHL alignment, including transposition towers. The assumed viewer eye height is 2 m above ground level. The visibility of these towers is cut off at 10 km each.
- 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.
- Earth curvature and atmosphere refraction have been taken into account.
- The ZTV is based on the Design Freeze 4 and does not take into account the proposed towers for the Kellas Alternative Alignment.
- Refer to **Section 7.2 of Chapter 7: Landscape and Visual** for ZTV creation methodology.

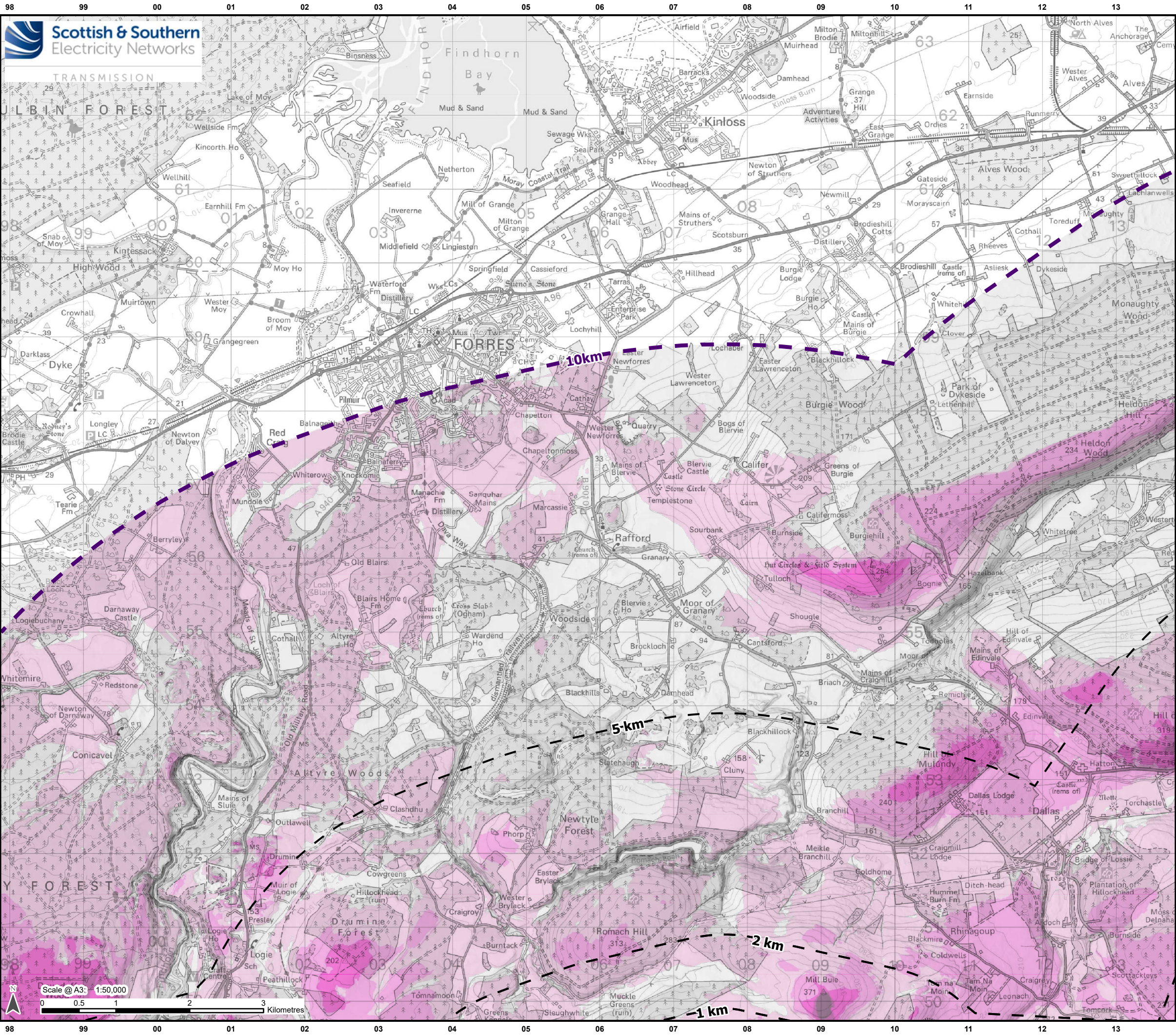
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Project: Beauly to Blackhillock to New Deer to Peterhead 400 kV OHL Project

Title: Figure 7.1 - Zone of Theoretical Visibility 10 km LVIA Study Area- Bare Earth
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Legend

10 km LVIA Study Area

Distance from Proposed Alignment : 1 km, 2 km, 5 km

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

Number of Towers Visible
1 - 15
16 - 30
31 - 45
46 - 60
61 - 77

ZTV Note:

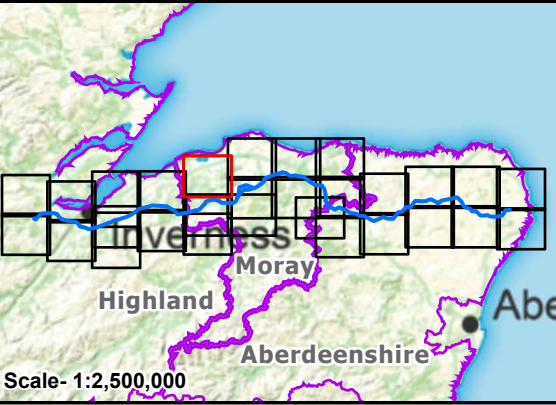
1) The theoretical visibility is based on the design heights of the proposed towers (14.65 m – 96.57 m) of the proposed OHL alignment, including transposition towers. The assumed viewer eye height is 2 m above ground level. The visibility of these towers is cut off at 10 km each.

2) 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.

3) Earth curvature and atmosphere refraction have been taken into account.

4) The ZTV is based on the Design Freeze 4 and does not take into account the proposed towers for the Kellas Alternative Alignment.

5) Refer to **Section 7.2 of Chapter 7: Landscape and Visual** for ZTV creation methodology.



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Project:	Beaulieu to Blackhillock to New Deer to Peterhead 400 kV OHL Project
Title:	Figure 7.1 - Zone of Theoretical Visibility 10 km LVIA Study Area- Bare Earth Page 10 of 29
Drawn by:	MAL
Date:	12/09/2025
Drawing:	B2P-WSP-DA-70092380-117

Legend

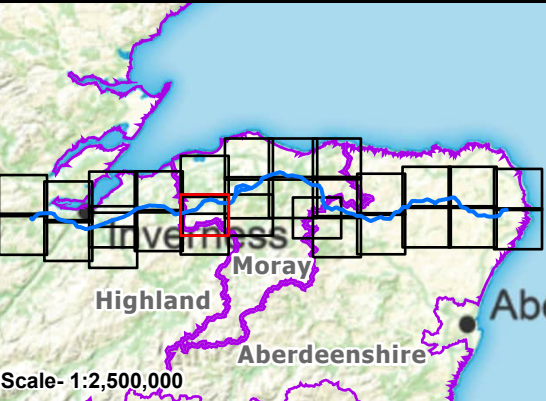
- 10 km LVIA Study Area
- Distance from Proposed Alignment : 1 km, 2 km, 5 km
- Proposed OHL Alignment - 400 kV
- Temporary OHL Diversion
- Proposed Alignment - Existing OHL Works (275 kV Realignment and Crossings)
- Proposed Tower - 400 kV
- Proposed Tower - Existing OHL Works (275 kV Realignment and Crossing)

Zone of Theoretical Visibility (ZTV)

(Number of Towers Visible)



ZTV Note:
1) The theoretical visibility is based on the design heights of the proposed towers (14.65 m – 96.57 m) of the proposed OHL alignment, including transposition towers. The assumed viewer eye height is 2 m above ground level. The visibility of these towers is cut off at 10 km each.
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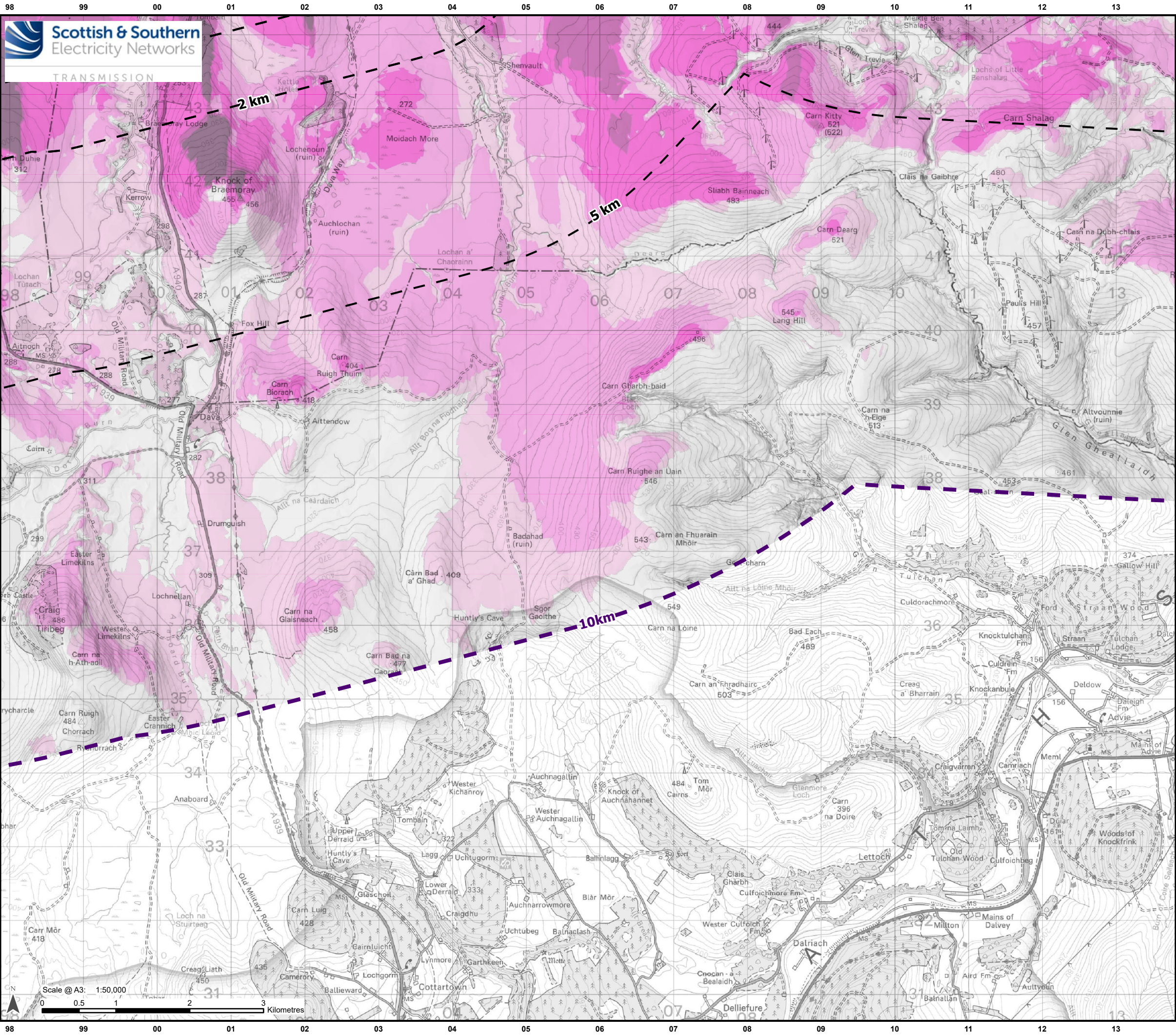
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Project: Beauly to Blackhillock to New Deer to Peterhead 400 kV OHL Project

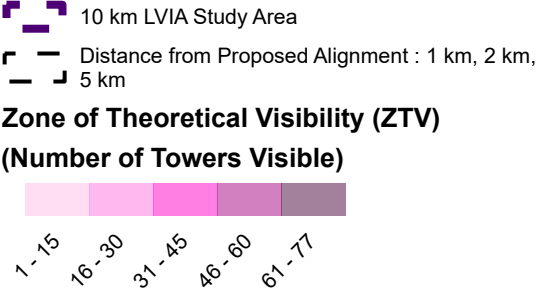
Title: Figure 7.1 - Zone of Theoretical Visibility
10 km LVIA Study Area- Bare Earth
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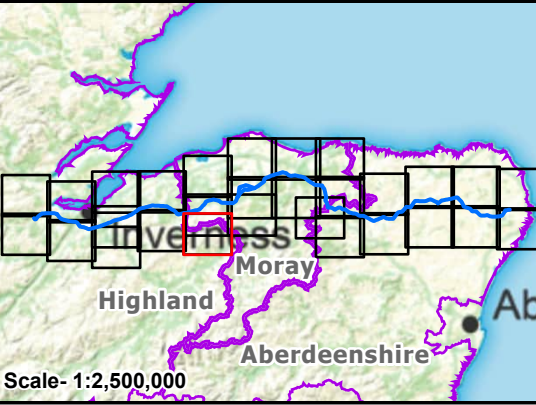


Legend



ZTV Note:

- 1) The theoretical visibility is based on the design heights of the proposed towers (14.65 m – 96.57 m) of the proposed OHL alignment, including transposition towers. The assumed viewer eye height is 2 m above ground level. The visibility of these towers is cut off at 10 km each.
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Project: Beauly to Blackhillock to New Deer to Peterhead 400 kV OHL Project

Title: Figure 7.1 - Zone of Theoretical Visibility
10 km LVIA Study Area- Bare Earth
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