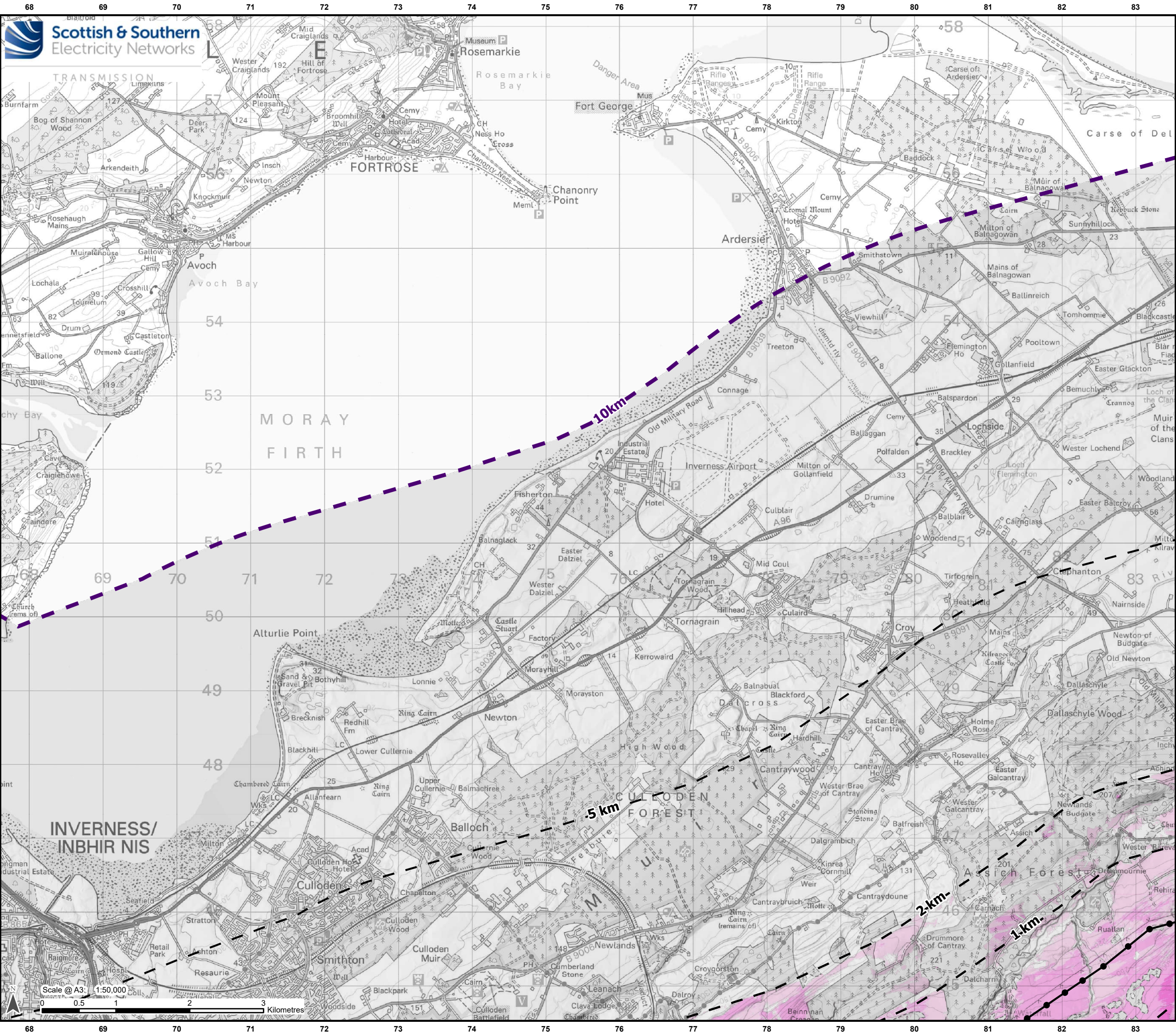




Legend

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

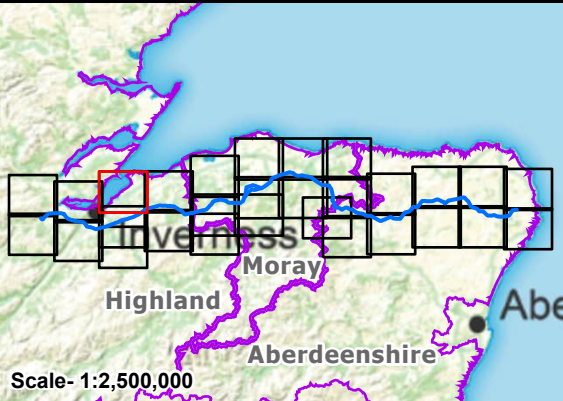
Proposed Tower - 400 kV

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

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

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 is derived from 2m LiDAR Digital Surface Model (DSM) data and covers a 2 km offset on both sides of the proposed OHL alignment and a 5 km offset in the more sensitive areas of Beaulieu and Keith.
- 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 Blackhilllock to New Deer to Peterhead 400 kV OHL Project

Title:

Figure 7.2 - Zone of Theoretical Visibility
10 km LVIA Study Area – Screening
Page 5 of 29

Drawn by:

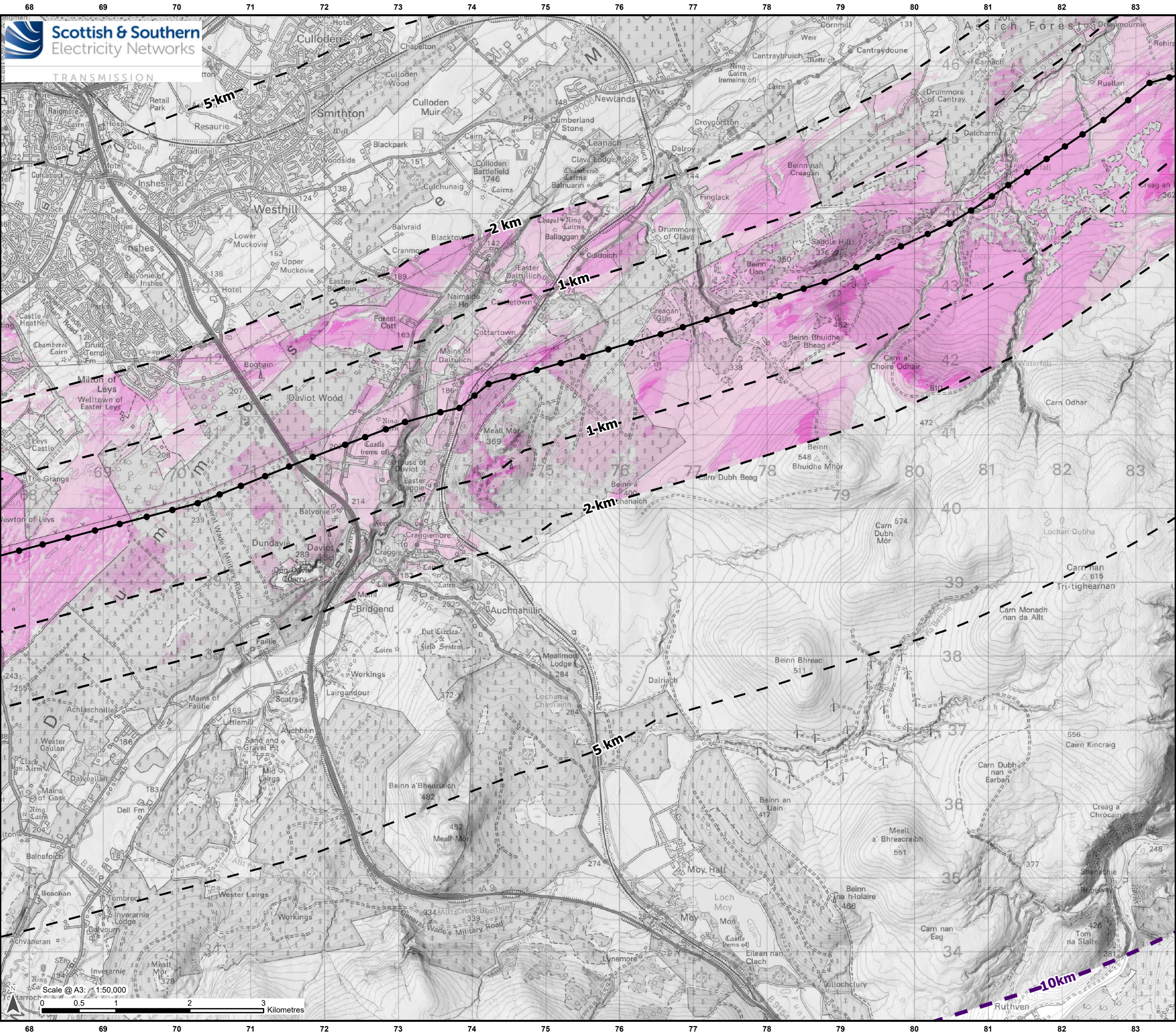
MAL

Date:

12/09/2025

Drawing:

B2P-WSP-DA-70092380-121



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

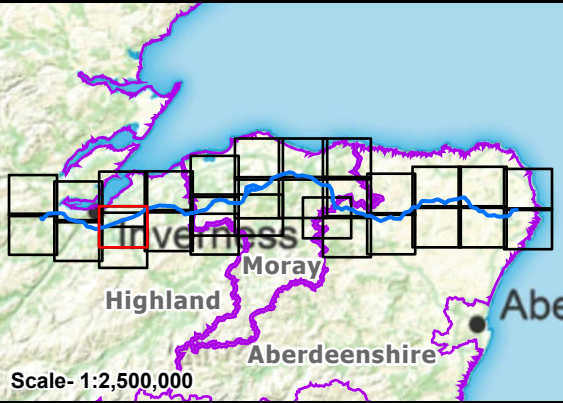
Proposed Tower - 400 kV

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

1 - 15 16 - 30 31 - 45 46 - 60 61 - 75

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 is derived from 2m LiDAR Digital Surface Model (DSM) data and covers a 2 km offset on both sides of the proposed OHL alignment and a 5 km offset in the more sensitive areas of Beaulieu and Keith.
- 3) Earth curvature and atmosphere refraction have been taken into account.
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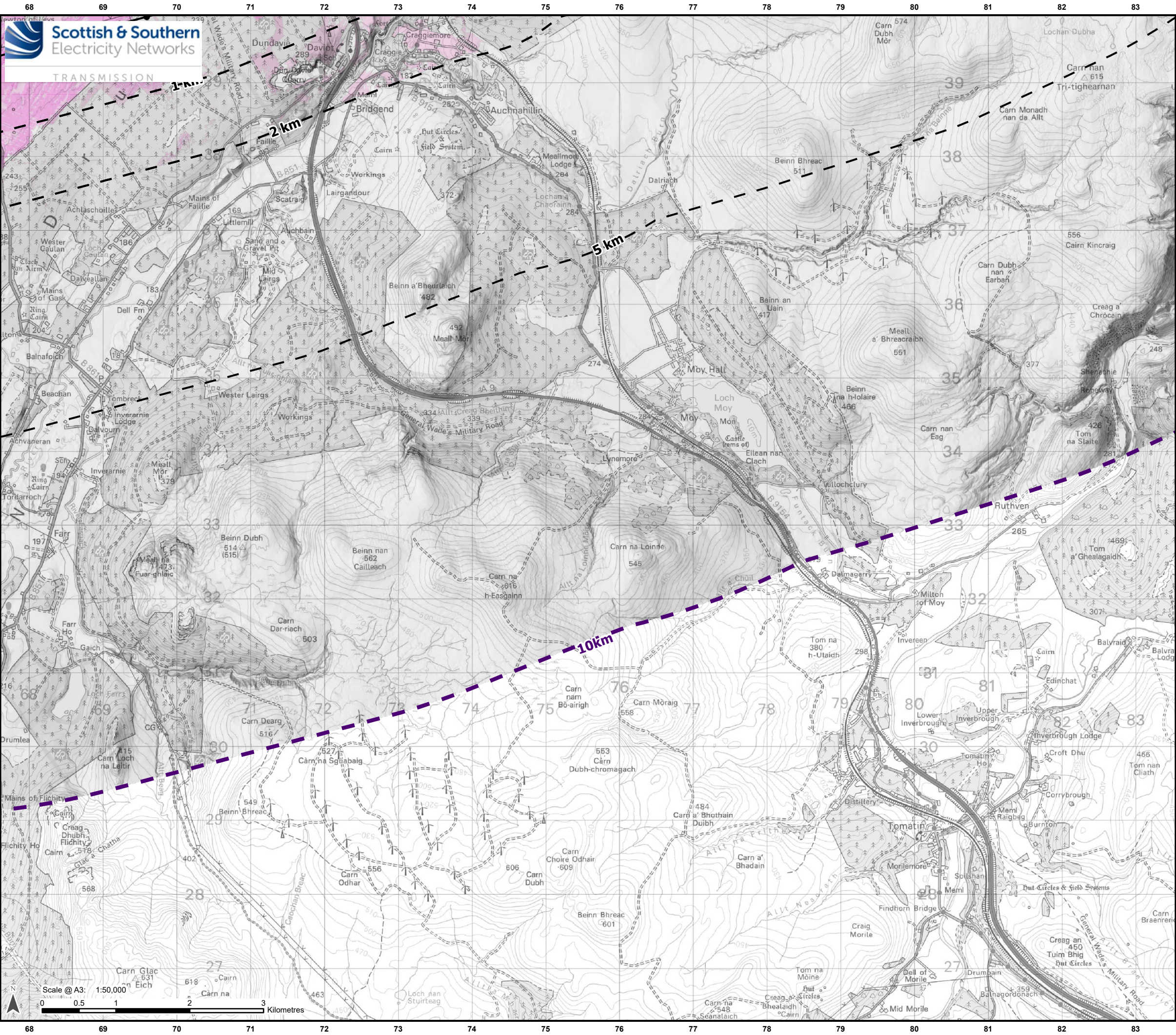
Project: Beaulieu to Blackhillock to New Deer to Peterhead 400 kV OHL Project

Title: Figure 7.2 - Zone of Theoretical Visibility
10 km LVIA Study Area – Screening
Page 6 of 29

Drawn by: MAL

Date: 12/09/2025

Drawing: B2P-WSP-DA-70092380-121



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

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

1 - 15

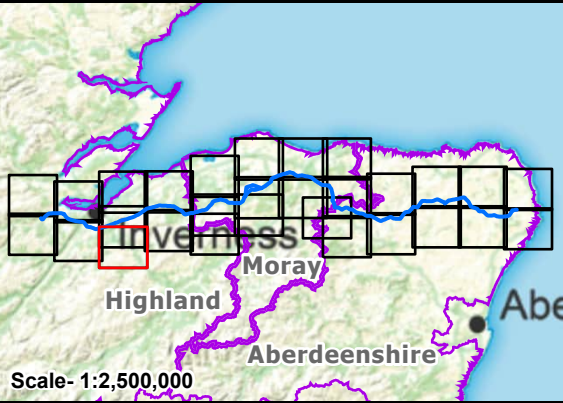
16 - 30

31 - 45

46 - 60

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 is derived from 2m LiDAR Digital Surface Model (DSM) data and covers a 2 km offset on both sides of the proposed OHL alignment and a 5 km offset in the more sensitive areas of Beauly and Keith.
- 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:	Beauly to Blackhillock to New Deer to Peterhead 400 kV OHL Project
Title:	Figure 7.2 - Zone of Theoretical Visibility 10 km LVIA Study Area – Screening Page 7 of 29
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Date:	12/09/2025
Drawing:	B2P-WSP-DA-70092380-121