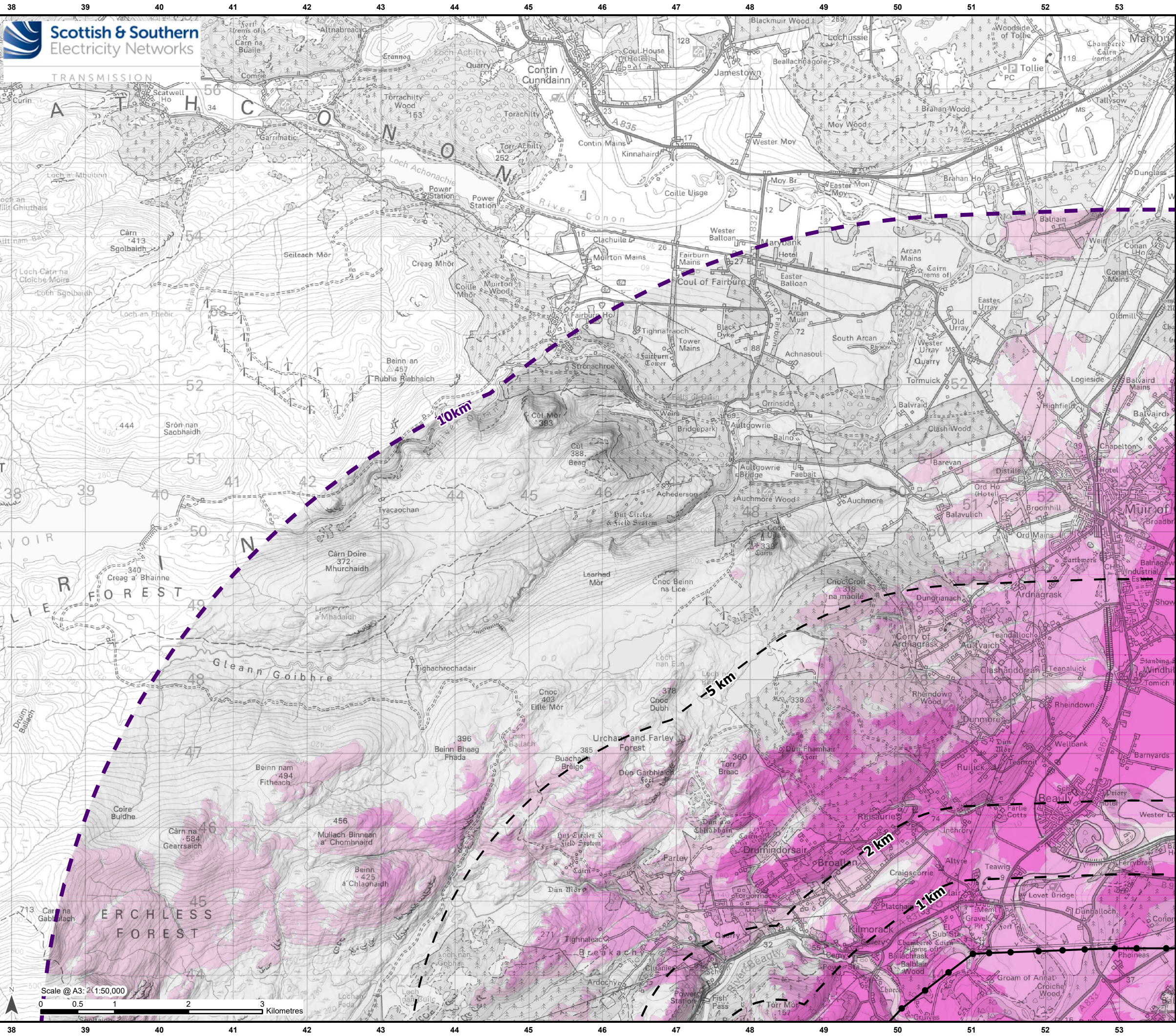




**Legend**

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)**

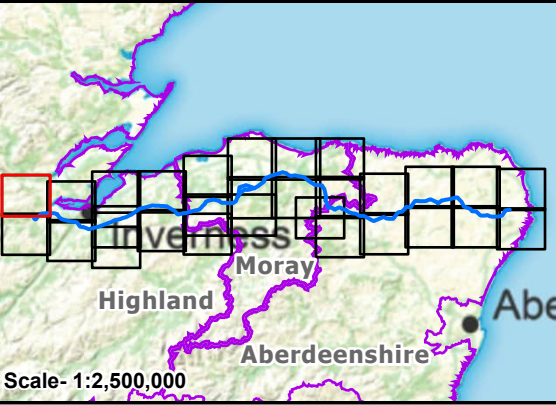
1 - 15

16 - 30

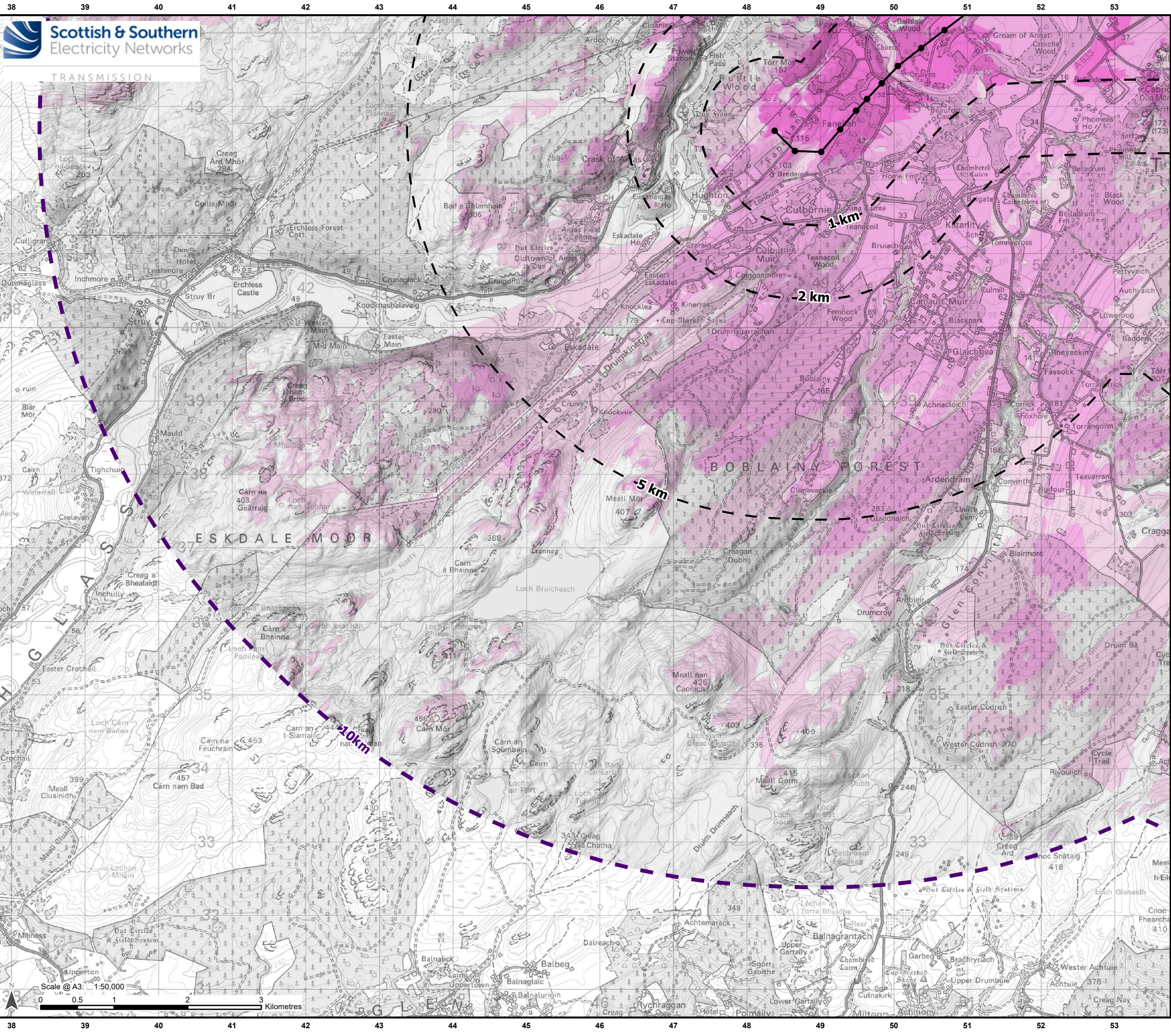
31 - 45

**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:                                                                                                                                                                                                                                                                                    | Beauly to Blackhillock to New Deer to Peterhead 400 kV OHL Project                               |
| Title:                                                                                                                                                                                                                                                                                      | Figure 7.1 - Zone of Theoretical Visibility<br>10 km LVIA Study Area- Bare Earth<br>Page 1 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

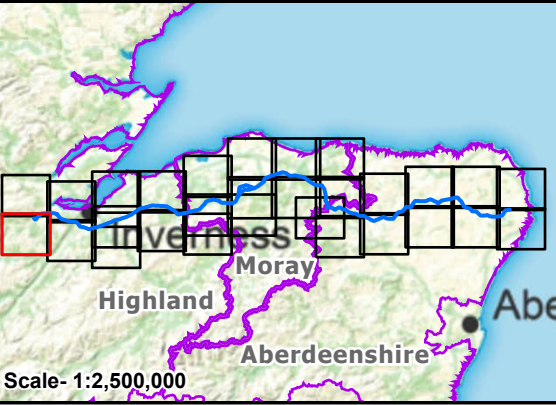
Proposed Tower - 400 kV

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

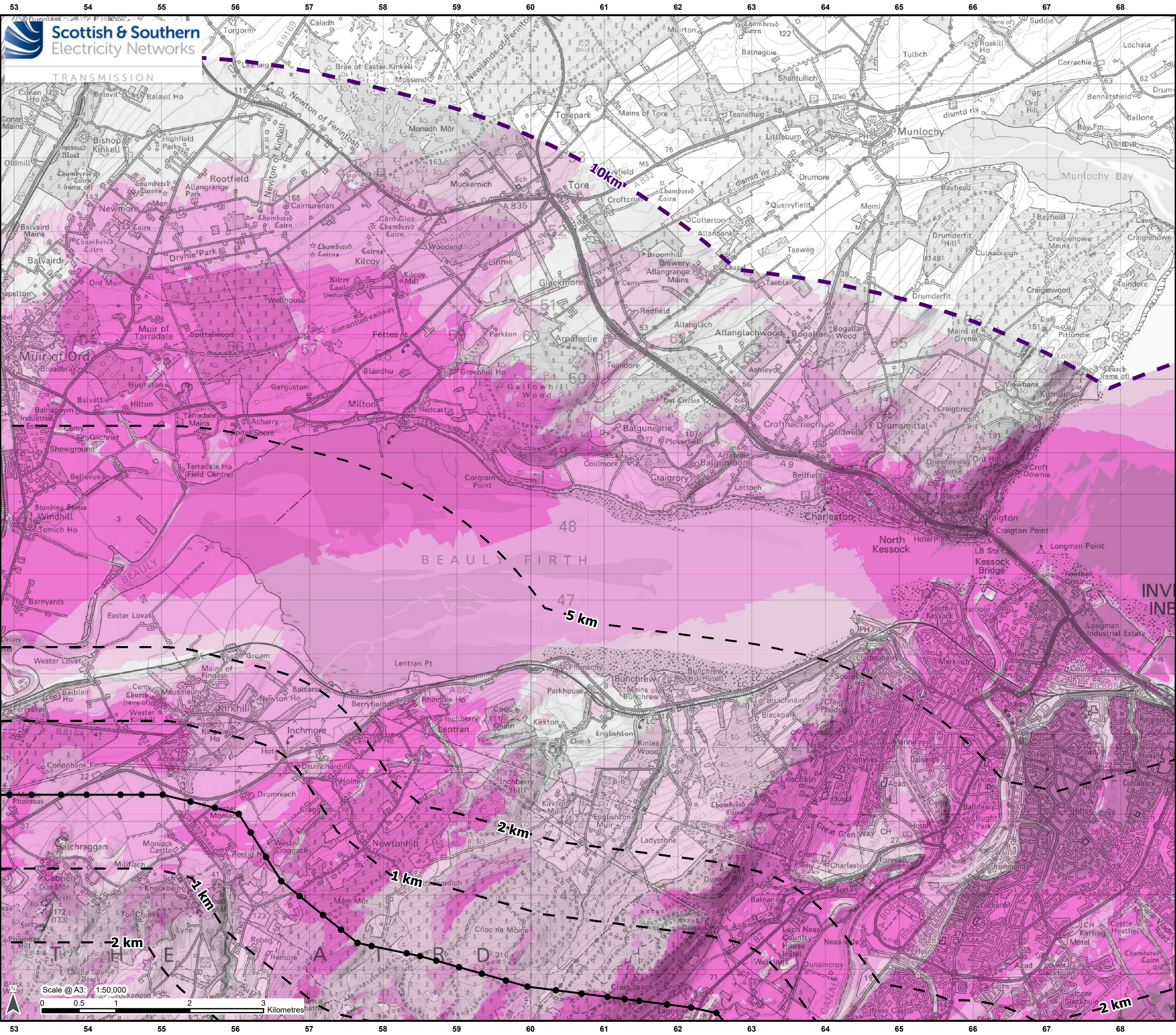
1 - 15  
16 - 30  
31 - 45

**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:                                                                                                                                                                                                                                                                                    | Beauly to Blackhillock to New Deer to Peterhead 400 kV OHL Project                               |
| Title:                                                                                                                                                                                                                                                                                      | Figure 7.1 - Zone of Theoretical Visibility<br>10 km LVIA Study Area- Bare Earth<br>Page 2 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

**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

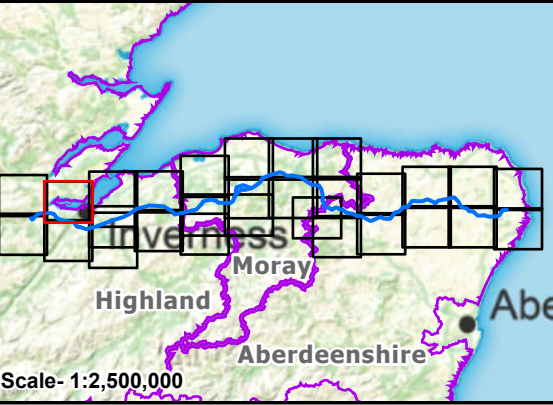
31 - 45

46 - 60

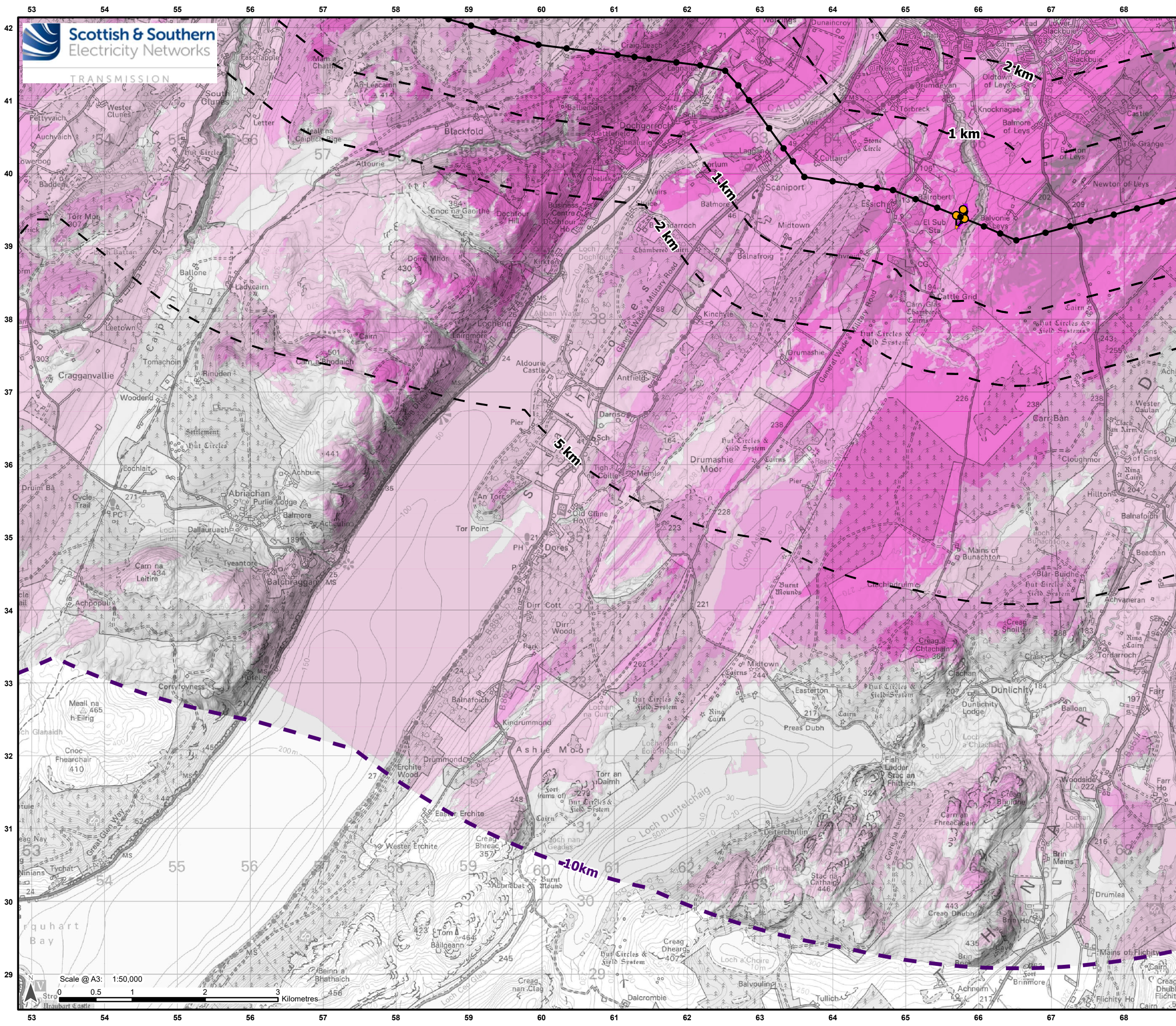
61 - 77

**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.



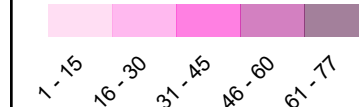
|                                                                                                                                                                                                                                                                                             |                                                                                                  |
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| Project:                                                                                                                                                                                                                                                                                    | Beauly to Blackhillock to New Deer to Peterhead 400 kV OHL Project                               |
| Title:                                                                                                                                                                                                                                                                                      | Figure 7.1 - Zone of Theoretical Visibility<br>10 km LVIA Study Area- Bare Earth<br>Page 3 of 29 |
| Drawn by:                                                                                                                                                                                                                                                                                   | MAL                                                                                              |
| Date:                                                                                                                                                                                                                                                                                       | 12/09/2025                                                                                       |
| Drawing:                                                                                                                                                                                                                                                                                    | B2P-WSP-DA-70092380-117                                                                          |



## Legend

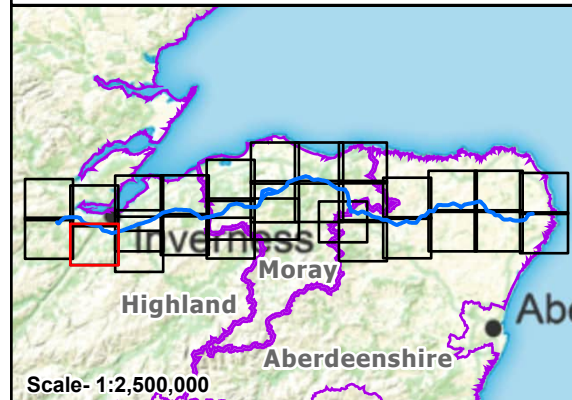
- 10 km LVIA Study Area
- Distance from Proposed Alignment : 1 km, 2 km, 5 km
- Proposed OHL Alignment - 400 kV
- Temporary OHL Diversion
- Proposed Alignment - Existing OHL Works (275 kV Realignment and Crossings)
- Proposed Tower - 400 kV
- Proposed Tower - Existing OHL Works (275 kV Realignment and 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.
- 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: 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  
Page 4 of 29

Drawn by: MAL Date: 12/09/2025

Drawing: B2P-WSP-DA-70092380-117