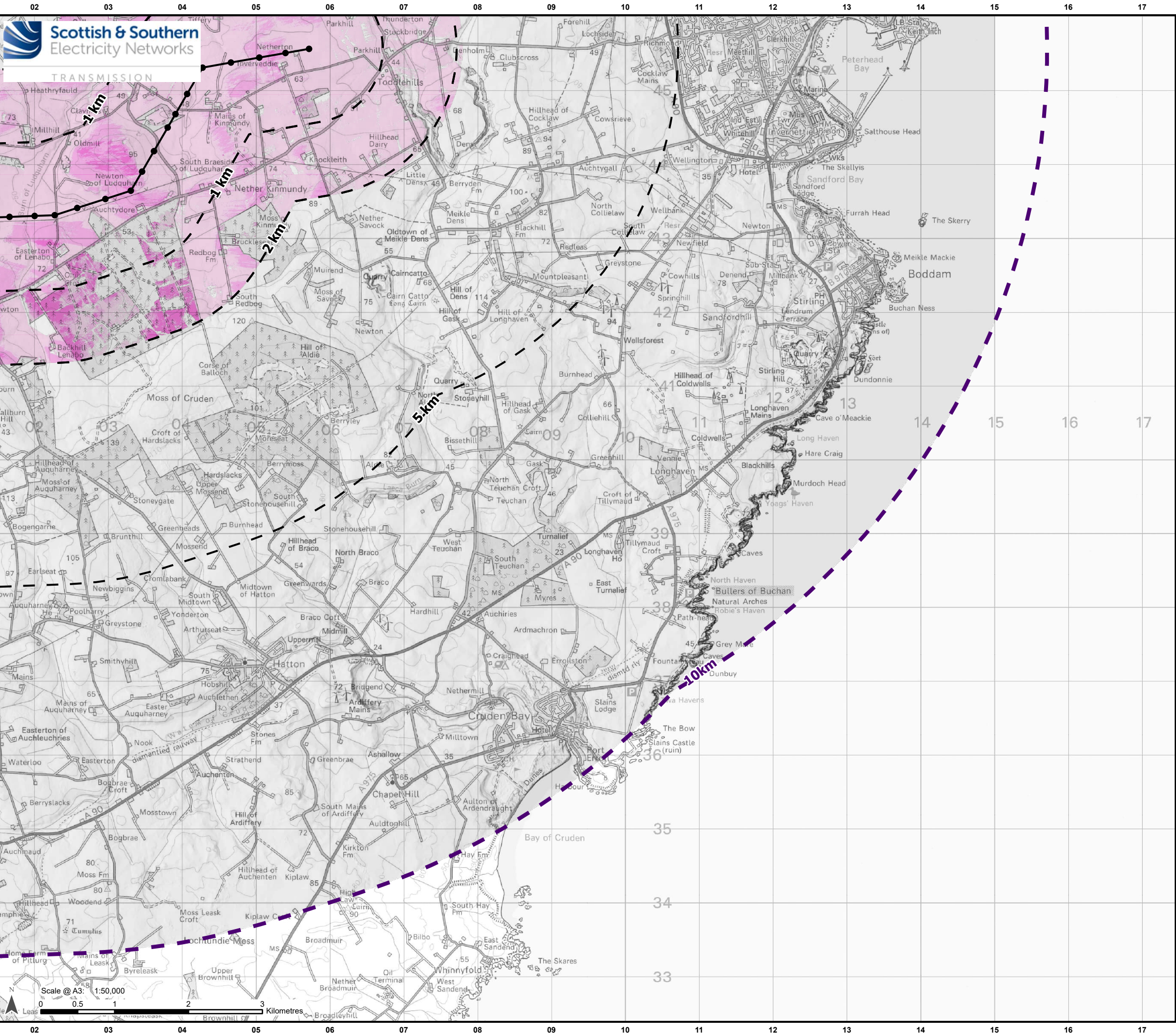




TRANSMISSION

10 km LVIA Study Area

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

Proposed OHL Alignment - 400 kV

Proposed Tower - 400 kV

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 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 Blackhillock to New Deer to Peterhead 400 kV OHL Project

Title:

Figure 7.2 - Zone of Theoretical Visibility
10 km LVIA Study Area – Screening
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Drawn by:

MAL

Date:

12/09/2025

Drawing:

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