



Legend

Proposed Alignment



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Project No: 1620015322-003 / REH2024N01952

Project: LT73 Muattheabhal Wind Farm OHL Connection

Title:
Figure 1.1: Site Location

Drawn by: RD Date: 03/03/2025

Drawing: 1620015322-RAM-MA-IA-00001_Fig1.1SiteLocat_03

Legend

- Proposed Alignment
- Indicative Tower Location
- Limit of Deviation (50 m Buffer)
- 6km Buffer to LOD - LVIA Study Area

Number of Towers Visible at 18m Tower Height

- 1 - 11
- 12 - 22
- 23 - 33
- 34 - 44
- 45 - 55
- 56 - 66
- 67 - 77
- 78 - 90

Note:

- The ZTV analysis does not take into account the screening effect of vegetation, buildings, and other surface features.
- Predicted visibility based on a viewer's eye height 2m above ground.
- Visibility calculated using Ordnance Survey Terrain 5 DTM on a 5m Grid.
- The effect of earth curvature and light refraction is included.



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Figure 4.1: Zone of Theoretical Visibility (ZTV)

Drawn by: RD Date: 03/03/2025

Drawing: 1620015322-RAM-MA-IA-00004_Fig4.1ZTV_02