



SCLENTEUCH WIND FARM

HUB HEIGHT (105M AND 125M) ZONE OF THEORETICAL VISIBILITY (ZTV) AND MERRICK WILD LAND AREA

CONTAINS ORDNANCE SURVEY DATA © CROWN
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- Turbine
- Proposed Development Area
- 5km intervals from outer turbines
- 45km study area
- Potential Turbine Visibility (Hub Height)**
 - 1 - 3 turbines theoretically visible
 - 4 - 6 turbines theoretically visible
 - 7 - 9 turbines theoretically visible
 - Merrick Wild Land Area

Notes:
The ZTV is calculated to turbine hub height (turbines T1-4, 8: 125m hub height and T5-7, 9: 105m hub height) from a viewing height of 2m above ground level.

The terrain model assumes bare ground and is derived from OS Terrain 50 height data (obtained from Ordnance Survey in July 2019). Earth curvature and atmospheric refraction have been taken into account. The ZTV was calculated using ArcMap 10.8.1.



Data source: RES, LUC, NatureScot
LAYOUT DWG: 03896-RES-LAY-DR-TE-001 T-LAYOUT NO.: PSC0sc1026
DRAWING NUMBER: FIG_11507_RES_LVIA_ZTV_OST50_HUB_105m_125m_PSC0sc1026_45km_MerrickWLA_A3L

SCALE - 1:100,000 @ A3

ENVIRONMENTAL STATEMENT & PLANNING APPLICATION 2022

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