



Viewpoint Location

- VP1 A863, Junction with road to Feorlig
- VP2 Edinbane (Top Road)
- VP3 A863 Road
- VP4 Roag
- VP5 A850 between Dunvegan and Edinbane
- VP6 Junction of A863 and B884 at Lonmore
- VP7 Minor road to Greshornish
- VP8 B885 Road
- VP9 Kingsburgh
- VP10 A850/A87 (West of Borve)
- VP11 Macleod's Table North/Healabhal Mhor
- VP12 Fiscavaig
- VP13 A87 Road
- VP14 Totaig
- VP15 The Storr
- VP16 Ben Tianavaig
- VP17 Uig (Idrigill)
- VP18 Uig - Lochmaddy Ferry Route
- VP19 Beinn Edra
- VP20 Bruach na Frithe

LEGEND

- Application Site Boundary
- Proposed Turbine Location
- Proposed Turbine Location 10 - 40 km
- Buffer (10 km Increments)
- 2 Viewpoint Location

Zone of Theoretical Visibility (ZTV):
Bare Earth Blade Tip 149.9 m

- High : 10 Turbines Visible
- Low : 1 Turbine Visible

Note

This Zone of Theoretical Visibility (ZTV) has been generated using ESRI ArcGIS Spatial Analyst extension. The digital terrain model (DTM) has been derived from OS Terrain 5 dataset (+/-2 m) up to 45 km from turbine locations, and OS Terrain 50 dataset (+/-10 m). Earth curvature has been included in the ZTV calculation and refraction of light has been applied using SNH guidance settings. The ZTV has been generated from a viewing height of 2 m above ground level which falls within recommendations by "Visual Representation of Windfarms" prepared for Scottish Natural Heritage (SNH) February 2017 - Version 2.2.

The use of ZTV mapping at this stage is limited and the following assumptions should be noted:

- The ZTV has been generated using the proposed turbine locations for Balmeanach Wind Farm.
- The proposed turbine tip heights of 149.9 m have been used for generating the ZTV.
- The ZTV is generated from a bare earth terrain and does not account for the screening effect of features within the landscape such as settlements and woodland. It does not indicate potential visual effects or show the likely significance of effects. It shows potential theoretical visibility only. The ZTV has been produced for the purpose of informing 'on the ground' visual assessment.

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BALMEANACH WIND FARM

LANDSCAPE AND VISUAL

BLADE TIP ZTV

FIGURE 7.5b

Scale: 1:325,000 @ A3 Date: JULY 2023

11223.00001.0303.0 Figure 7.5b Blade Tip ZTV