



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 50 dataset with an accuracy of +/-10 m. Earth curvature has been included in the ZTV calculation and refraction of light has been applied using ESRI default 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 indicative turbine locations for Balmeanach Wind Farm
- The baseline ZTV has been generated from Operational and Consented turbine locations listed below.
- The proposed and consented turbine blade tip heights that have been used are listed below:
 - Balmeanach = 149.9 m
 - Ben Sca Redesign = 149.9 m
 - Beinn Mheadhonach WF Redesign = 149.9 m
 - Ben Aketil Repowering = 200 m
 - Edinbane Repowering = 200 m
 - Glen Ullinish II Redesign = 200 m
 - Land at Edinbane = 150 m
- 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

LEGEND

- Application Site Boundary
- Proposed Turbine Location
- Proposed Turbine Location 5 km Radii
- Status of Cumulative Developments**
- Application
- Scoping
- Zone of Theoretical Visibility (ZTV) - Bare Earth**
- Balmeanach Proposed Wind Farm Developments
- 2 Viewpoint Location

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 Borge)
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

BALMEANACH WIND FARM LIMITED

SLR

BALMEANACH WIND FARM - SEI
LANDSCAPE AND VISUAL

CUMULATIVE ZTV - REVISED BALMEANACH LAYOUT WITH OTHER PROPOSED WIND FARM DEVELOPMENTS

SEI FIGURE 7.15a

Scale
1:125,000 @ A3

Date
APRIL 2025