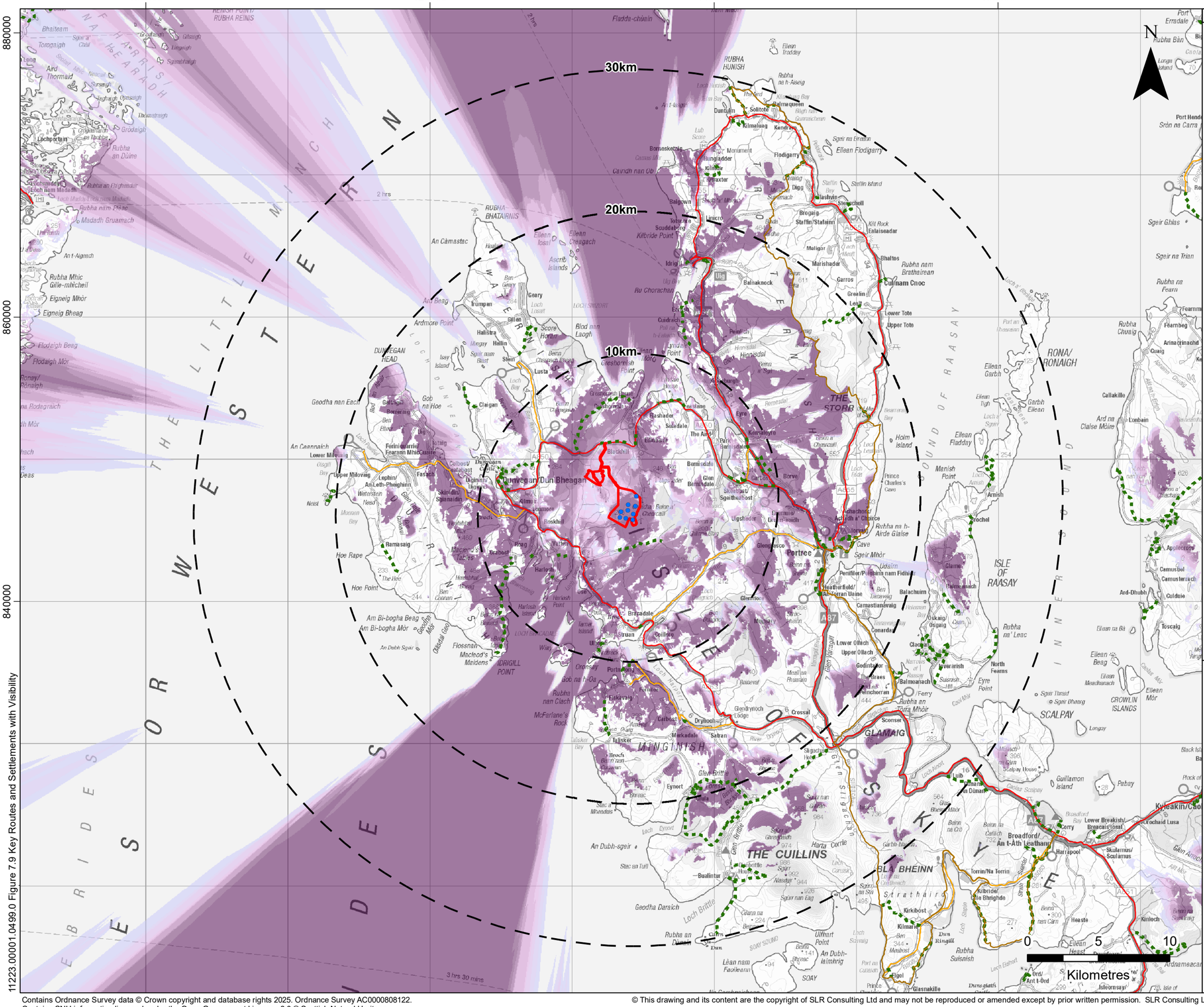

LEGEND

- Application Site Boundary
- Proposed Turbine Location
- Proposed Turbine Location 10 - 30 km Buffer (10 km Increments)
- Core Path
- Skye Trail
- A Road
- B Road

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

High: 9 Turbines Visible

Low : 1 Turbines 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 50 dataset (+/-10 m) and a detialed view ZTV has been generated from OST5 data up to 10 km from the site boundary. 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.

BALMEANACH WIND FARM LIMITED

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LANDSCAPE AND VISUAL

KEY ROUTES AND SETTLEMENTS AND VISIBILITY

SEI FIGURE 7.9a

Scale 1:250,000 @ A3

Date APRIL 2025

11223.00001.0499.0 Figure 7.9 Key Routes and Settlements with Visibility

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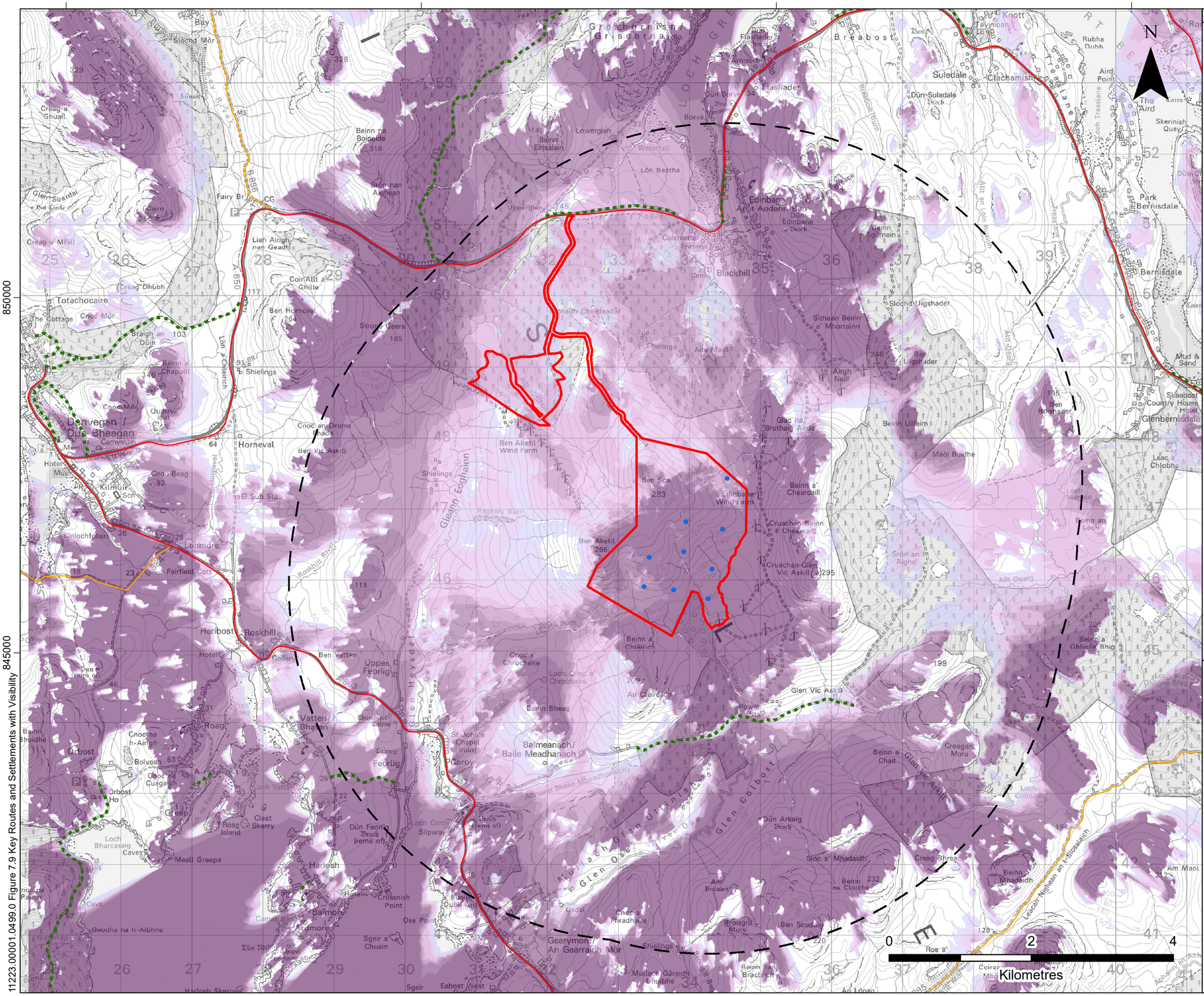

LEGEND

- Application Site Boundary
- Proposed Turbine Location
- Proposed Turbine Location 5 km Buffer
- Core Path
- A Road
- B Road

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

- High: 9 Turbines Visible
- Low : 1 Turbines 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 50 dataset (+/-10 m) and a detailed view ZTV has been generated from OST5 data up to 10 km from the site boundary. 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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LANDSCAPE AND VISUAL

KEY ROUTES AND SETTLEMENTS AND VISIBILITY

SEI FIGURE 7.9b

Scale 1:50,000 @ A3

Date APRIL 2025

11223.00001.0499.0 Figure 7.9 Key Routes and Settlements with Visibility

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