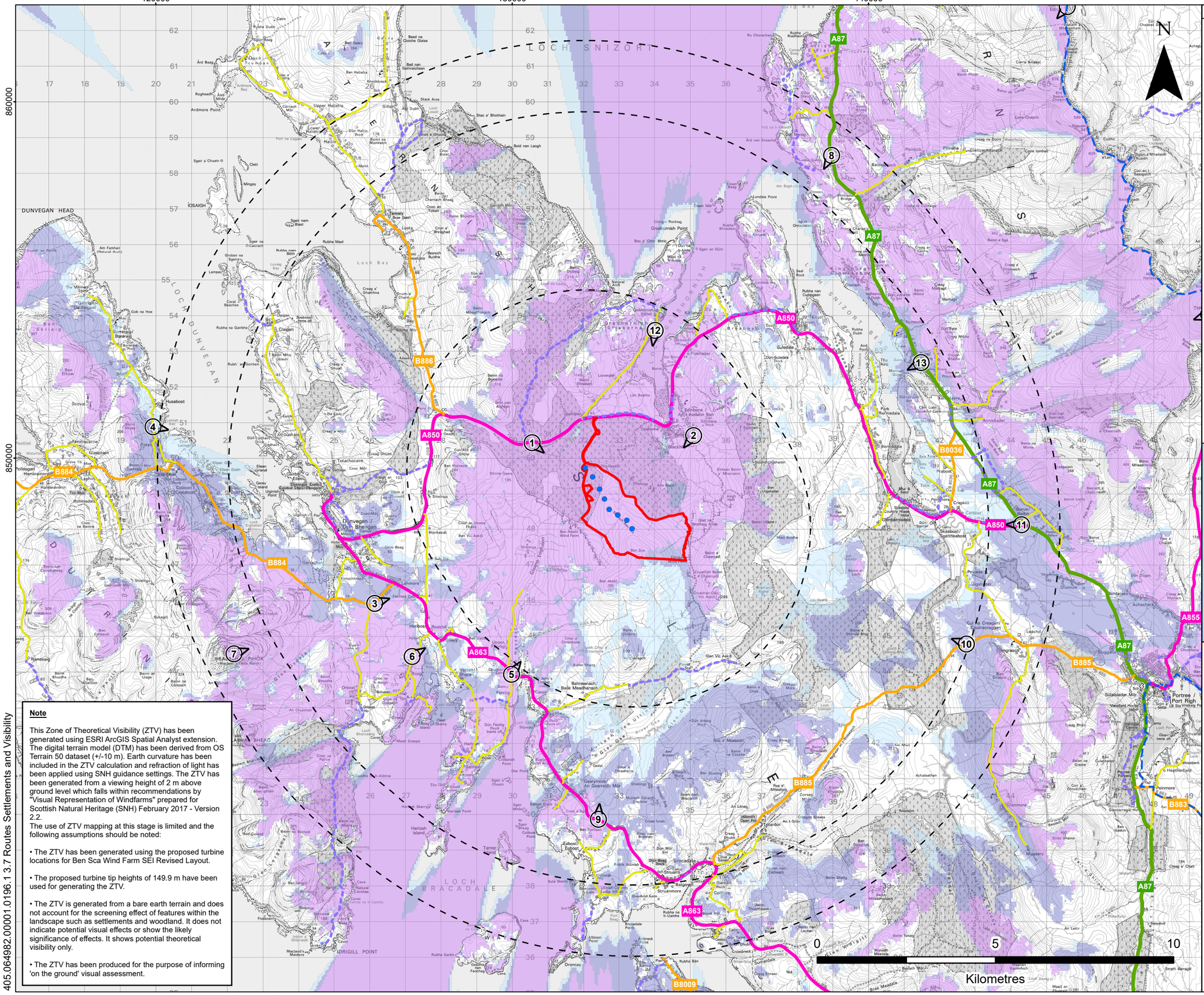


**Note**

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). 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 Ben Sca Wind Farm SEI Revised Layout.

• 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.

LEGEND

- Application Boundary
- Proposed Turbine Location
- Proposed Turbine Locations 5, 10 and 12 km Buffers
- Primary Road
- A Road
- B Road
- Minor Road
- Skye Trail
- Core Path
- Viewpoint Location

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

- 1 - 3 Turbines Visible
- 4 - 6 Turbines Visible
- 7 - 8 Turbines Visible

# BEN SCA WIND FARM LTD

SLR

BEN SCA REDESIGN
WIND FARM - SEI

LANDSCAPE AND VISUAL

**ROUTES, SETTLEMENTS AND VISIBILITY**

**SEI FIGURE 3.7**

| Scale | Date |
|---|---|
| 1:100,000 @ A3 | APRIL 2025 |

405.064982.00001.0196.1 3.7 Routes Settlements and Visibility

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