



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 Redesign SEI and Balmeanach SEI Wind Farms.
- 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

- Balmeanach SEI Application Boundary
- Ben Sca Redesign SEI Application Boundary
- Balmeanach SEI Proposed Turbine Location
- Ben Sca SEI Proposed Turbine Location
- 5 and 10 km Turbine Buffers

Cultural Heritage Designations

- Scheduled Monument Centre Point
- Scheduled Monument
- Inventory Gardens And Designed Landscapes
- Listed Buildings (Category)
- A (Within 10 km)
- B (Within 5 km)
- C (Within 5 km)

Zones of Theoretical Visibility (ZTV) - Bare Earth

- Ben Sca Redesign SEI
- Balmeanach SEI

SLR

COMBINED ASSESSMENT OF
BALMEANACH AND BEN SCA
REDESIGN WIND FARMS

HERITAGE DESIGNATIONS

SEI FIGURE V5.23

Scale 1:100,000 @ A3 Date APRIL 2025

405.064982.00001.0223.0 V5.23 Heritage Designations