



- Viewpoints**
1. Minor road near Easter Cringate
 2. Minor road near Easter Cringate Cottage
 3. Easter Buckieburn
 4. Meikle Bin
 5. Tomtain
 6. Denny Muir
 7. Tak Me Doon Road
 8. Carron Valley Reservoir Shore Trail
 9. Carron Valley Reservoir Long Distance Path
 10. Sir John de Graham's Castle
 11. B822 South East of Fintry
 12. Path below Ling Hill
 13. Stirling Castle
 14. Wallace Monument
 15. Carron Valley Forestry Commission Car Park
 16. Earl's Seat

LEGEND

- Proposed Turbine Location
- Site Boundary
- ⊙ Exhibition Viewpoint
- 10km Radii
- ⋯ 45km Study Area

Blade Tip Zone of Theoretical Visibility (ZTV) Bare Earth

No of Blade Tips Theoretically Visible

- 1 (Yellow)
- 2 (Light Green)
- 3 (Medium Green)
- 4 (Dark Green)

This Zone of Theoretical Visibility (ZTV) has been generated using ESRI ArcGIS Spatial Analyst extension using the assumptions detailed in the infobox below. The digital terrain model (DTM) has the following accuracy: OS Terrain 5 dataset (+/- 2 m) up to 20km from turbine locations, OS Terrain 50 dataset (+/- 10 m). The ZTV view height of 2 m above ground level is recommended by 'Visual Representation of Windfarms' by NatureScot February 2017 - Version 2.2. 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. The ZTV shows potential theoretical visibility only and is for informing on the ground' visual assessment.

Blade Tip:	200m	Observer height:	2m
DTM:	OS Terrain 5 and 50 DTM	Surface features:	Excluded
DTM resolution:	10m	Earth curvature:	Included



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**CARRON VALLEY
SCOPING
BLADE TIP ZTV WITH VIEWPOINTS
FIGURE 1**

Scale: 1:175,000 @ A1 Date: NOVEMBER 2024