



**Legend:**

- Proposed Millennium East Wind Turbines
- Distance Radii from Outermost Turbines (15, 30, 45km)
- Existing Millennium Wind Turbines
- ⊙ Viewpoints
- ▭ Cairngorms National Park
- ▭ National Scenic Areas
- ▭ Wild Land Areas
- ▭ Highland Council Special Landscape Areas

**Zone of Theoretical Visibility to Blade Tip (200m)**

- 1 - 3 turbines may be visible
- 4 - 6 turbines may be visible
- 7 - 8 turbines may be visible

**NOTES:**  
 This drawing is based upon computer generated Zone of Theoretical Visibility (ZTV) studies produced using the Viewshed routine in the Visibility Analysis plugin for QGIS.

The areas shown are the maximum theoretical visibility, taking topography into account.

This visibility map is based on a 'bare earth' model of the landform and does not show any effects of screening from obstacles such as buildings and vegetation.

The ZTV includes an adjustment that allows for Earth's curvature and light refraction. It is based on a DTM and has a 50m<sup>2</sup> resolution.  
 Coordinate System: British National Grid  
 Projection: Transverse Mercator  
 Datum: OSGB 1936  
 Units: Meter



Rev	Date	Description	Drn	Chk	App
00	25/10/2023	First Draft	MP	RA	

**Millennium East Wind Farm**



TITLE: Figure 5.1.1  
 Zone of Theoretical Visibility to Blade Tip

ID:0678-Scoping-ZTVs\_5.1.1 Bare Ground Blade Tip ZTV 45km

0 5 10  
 Kilometres  
 Scale: 1:165,000 @ A1

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