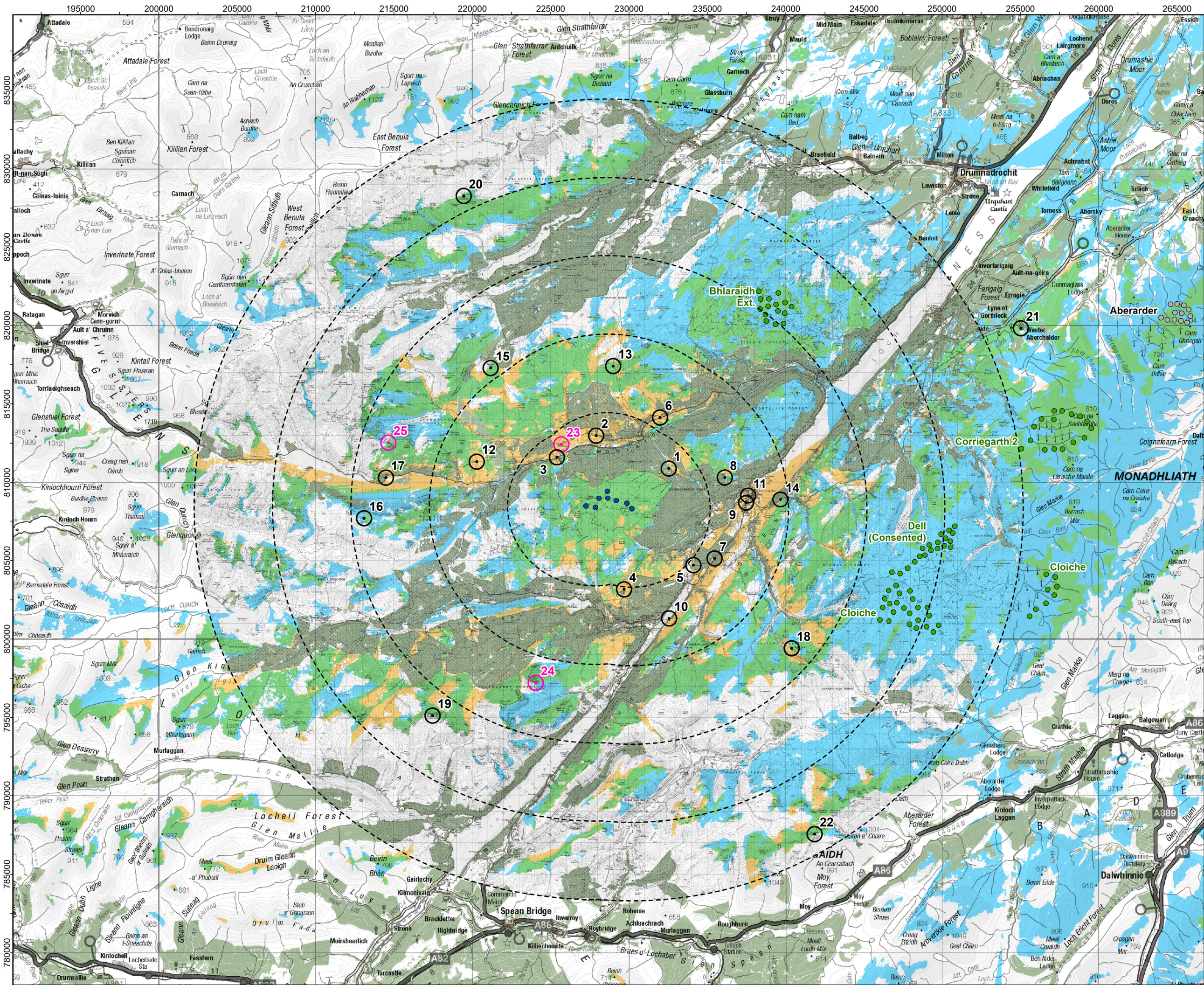




Legend:

- Proposed Millennium East Wind Turbines
- Distance Radii from Outermost Turbines (5, 10, 15, 20, 25km)
- Under construction Windfarms
- Consented Windfarms
- Viewpoints
- Wireline only Viewpoints
- Buildings
- Woodland

Zone of Theoretical Visibility

- Millennium East may be visible
- Consented sites may be visible
- Both may be visible

NOTES:

ZTV excludes Bunloinn and Tomchrasky which are shown on figures 5.14 and 5.15.

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 into account topography, principal woodlands and buildings.

A digital surface model (DSM) has been derived from OS Terrain 50 height data with the locations of woodland and buildings taken from the OS Open Map Local dataset. Buildings have been modelled with an assumed height of 7.5m and woodland an assumed height of 15m, representing a conservative estimate of average heights within the study area.

The model does not take into account some localised features such as small copses, hedgerows or individual trees and therefore still gives an exaggerated impression of the extent of visibility. The actual extent of visibility on the ground will be less than that suggested by this plan.

The ZTV includes an adjustment that allows for Earth's curvature and light refraction. It is based on a derived DSM and has a 50m² resolution.

Coordinate System: British National Grid
Projection: Transverse Mercator
Datum: OSGB 1936
Units: Meter



Rev	Date	Description	Drn	Chk	App
A	SEPT 2025	Cumulative Update	MP	KA	KA
00	MAY 2025	First Issue	EF	MP	RA

Millennium East Wind Farm

RSK nadara

TITLE: Figure 5.16
Cumulative ZTV - with Screening, Other
Consented Sites and Millennium East

ID:0678-LVIA_Figure 5.16 Cumulative ZTV- with screening Consented Sites + Millennium East A3

0 5
Kilometers
Scale: 1:225,000 @ A3

REV A