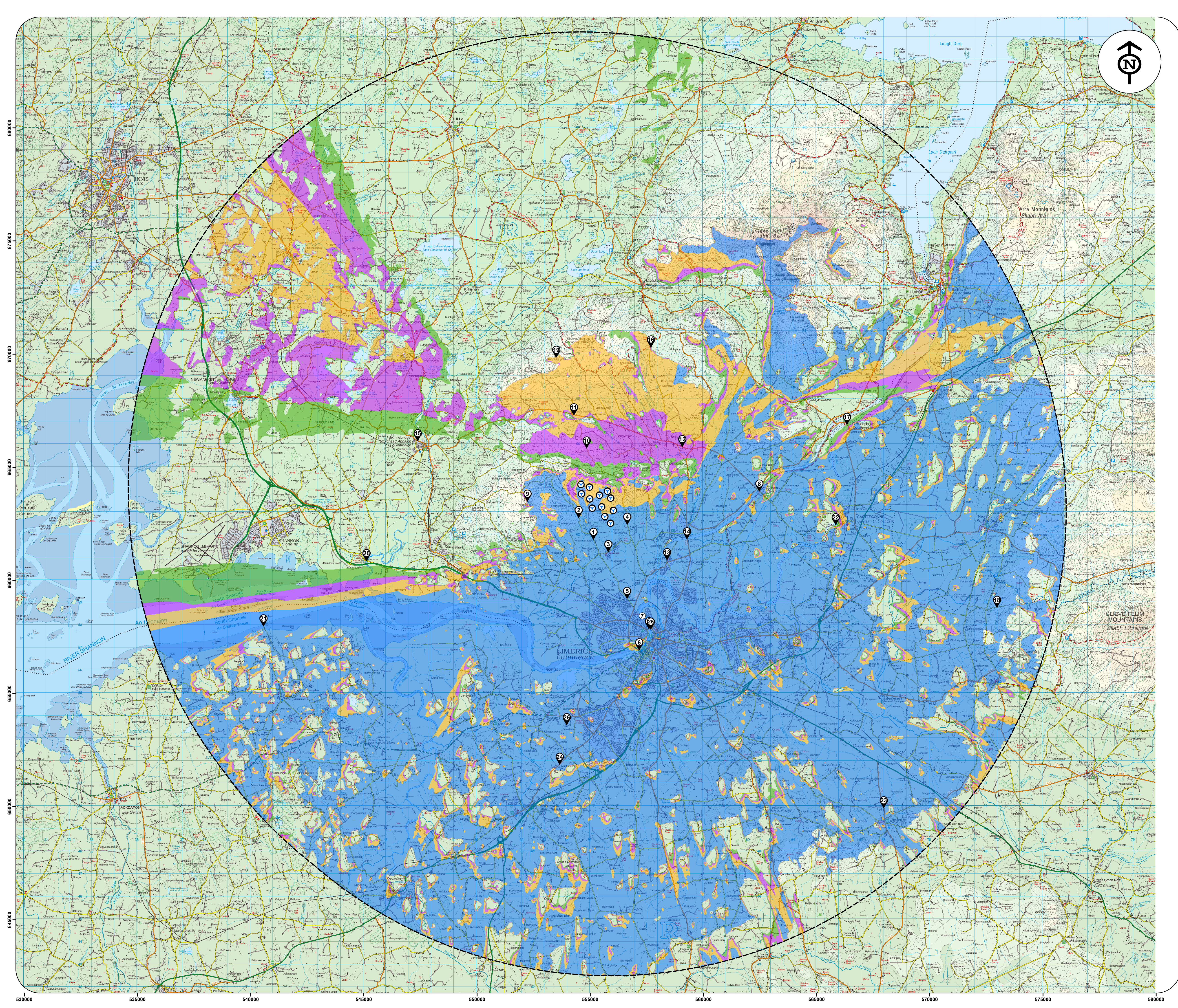


Appendix 12F

Figure 12-11 Hub Height ZTV



Zone of Theoretical Visibility (ZTV) Map indicating areas with a theoretical view of the proposed Ballycar turbines

Calculated to Hub Height (90/82m)

Proposed Ballycar Turbines



Number of Turbines Visible

- 1 - 3
- 4 - 6
- 7 - 9
- 10 - 12

Photomontage Locations



Ballycar 20km Extent



FINAL

12th Dec 2023

Scale when printed at A1 Size = 1:75,000

1 centimeter = 750 meters

Notes:

- Theoretical visibility is based on an observer being able to see at least a full turbine blade.
- Theoretical visibility is based on an observer eye level of 2m above ground level.
- Calculation does not account for screening due to vegetation, forestry, buildings or any other similar forms of screening.
- Calculation has been run using Ordnance Survey 10m DTM height data.
- Earth curvature and light refraction has been included in this calculation.