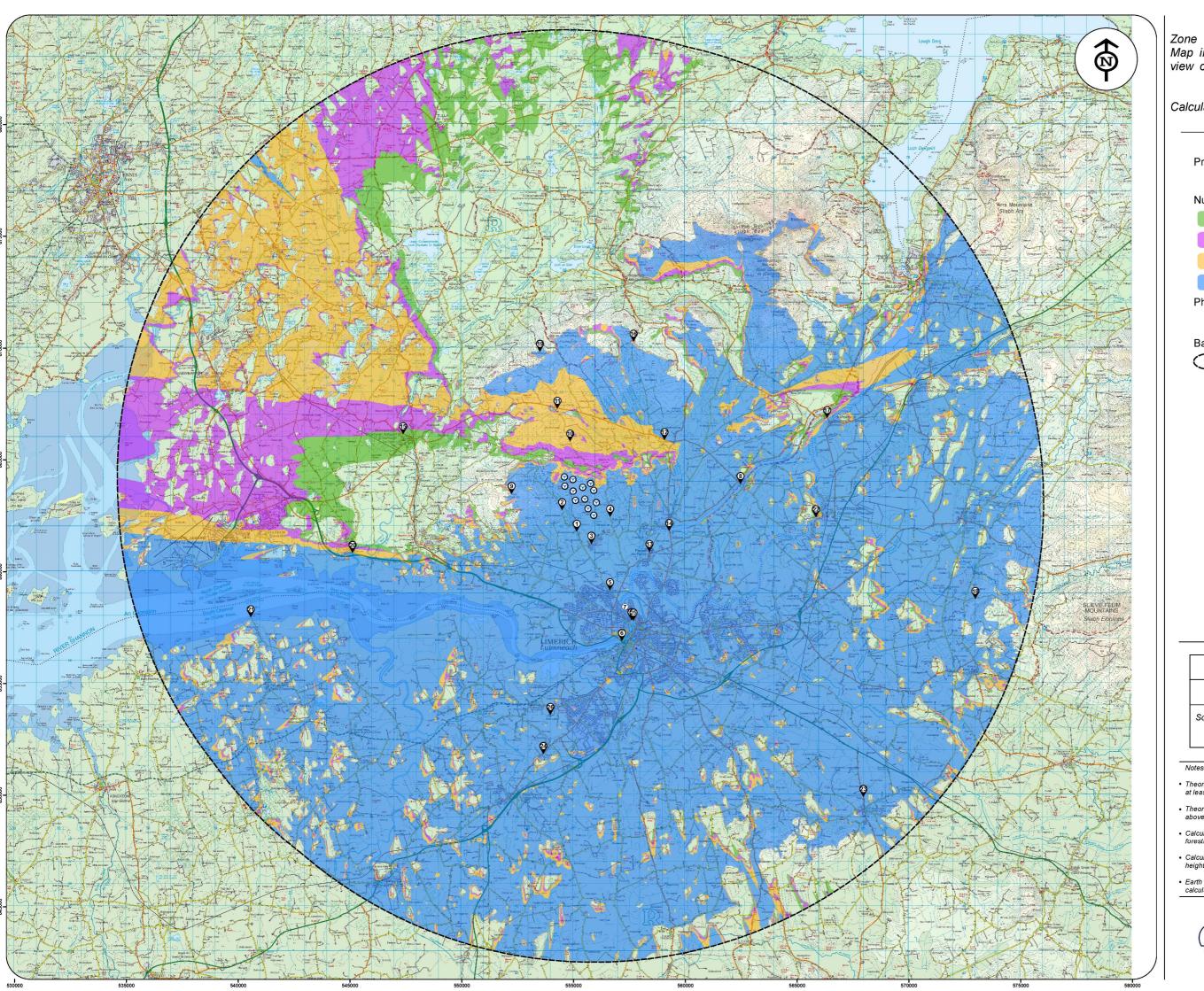


## **Appendix 12G**

Figure 12-12 Tip Height ZTV



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

Calculated to Blade Tip Height (158/150m)

Proposed Ballycar Turbines

 $\odot$ 

Number of Turbines Visible

1 - 3

4 - 6

7 - 9

10 - 12

Photomontage Locations

 $\Diamond$ 

Ballycar 20km Extent

## FINAL

12th Dec 2023

Scale when printed at A1 Size = 1:75,000 1 centimeter = 750 meters

- Theoretical visibility is based on an observer being able to see at least a turbine blade tip.
- 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.

