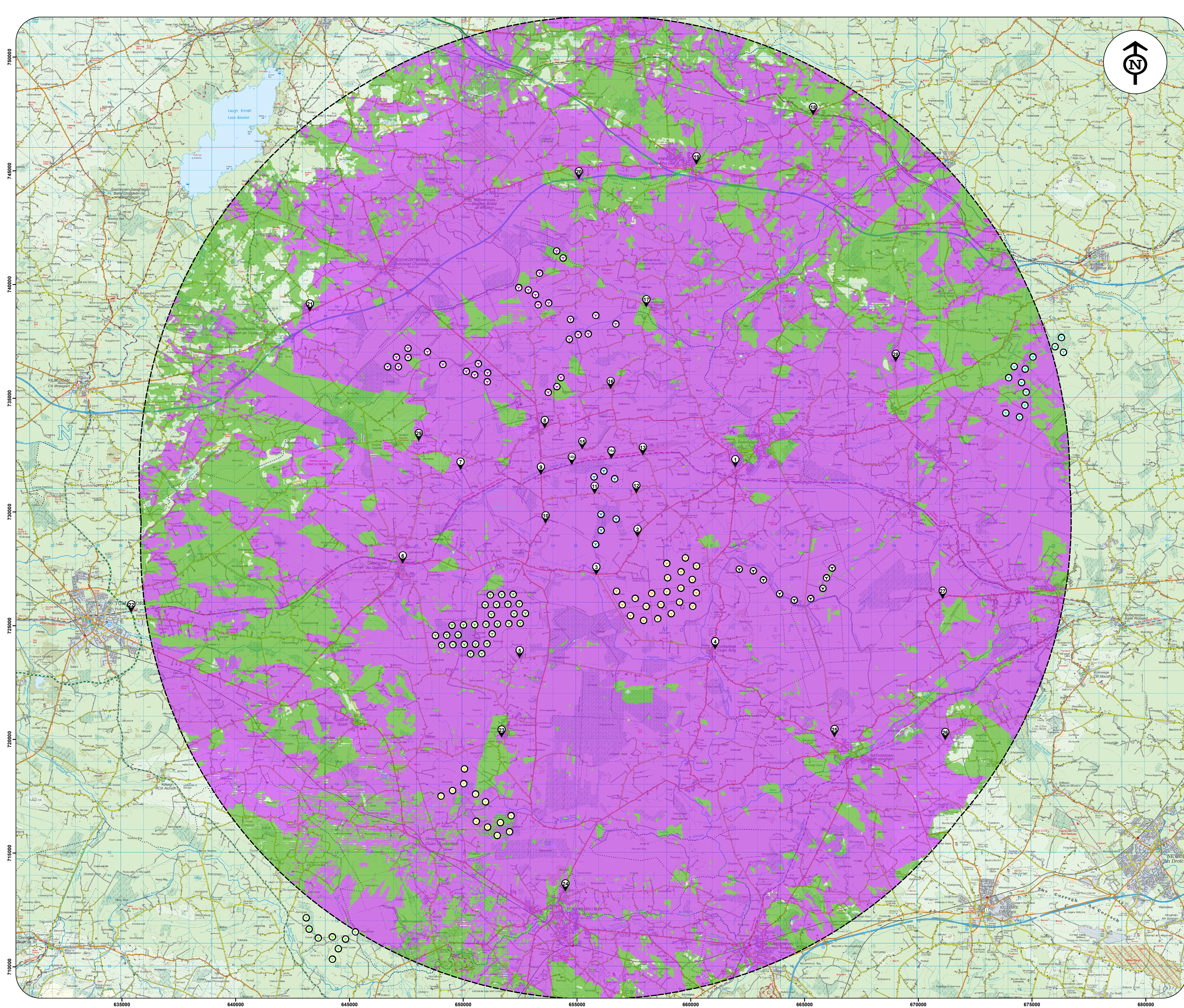


Appendix 11-2

THEORETICAL ZTV



Zone of Theoretical Visibility (ZTV) Map indicating areas with a theoretical view of the proposed Ballinla turbines in addition to all other permitted and operational wind farms within the study area

Calculated to Hub Height

Proposed Ballinla Turbines



Cumulative Wind Farms

- Cloncreen (operational)
- Drehid (operational)
- Moanvane (operational)
- Mount Lucas (operational)
- Yellow River (operational)
- Cushaling (operational)
- Dernacart (permitted)

Windfarms Visible

- Ballinla Only
- Cumulative Only
- Combination of Ballinla & Cumulative

Photomontage Locations



Ballinla 20km Extent



FINAL

24th Oct 2024

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.