



Zone of Theoretical Visibility (ZTV) Map indicating areas with a theoretical view of the proposed Carrownagowan wind farm, in combination with all other existing & permitted wind farms within the study area

Calculated to Hub Height (Varying Heights)

**Proposed Carrownagowan Turbines**



**Cumulative Wind Farms**

- Bunkimalta (Permitted)
- Castlewaller (Permitted)
- Curraghgraique (Existing)
- Derrybrien (Existing)
- Knockastanna (Existing)
- Templeberry (Existing)
- Vistakon (Existing)

**Wind Turbines Visible**

- Carrownagowan Turbines Only
- Overlap of Carrownagowan turbines with all other cumulative turbines
- Cumulative Turbines Only

**Proposed Photomontage Location**



<b>FINAL</b>
Date: 7th February 2020
Scale when printed at A1 Size = 1:110,000
1 centimeter = 1,100 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.