



**CARNBUCK WIND FARM**

**Figure 4.9** (page 1 of 3)

**Cumulative Zone of Theoretical Visibility: Existing and Consented Cluster of Wind Farms at Gruig\* 30 km radius, blade tip height**

**KEY**

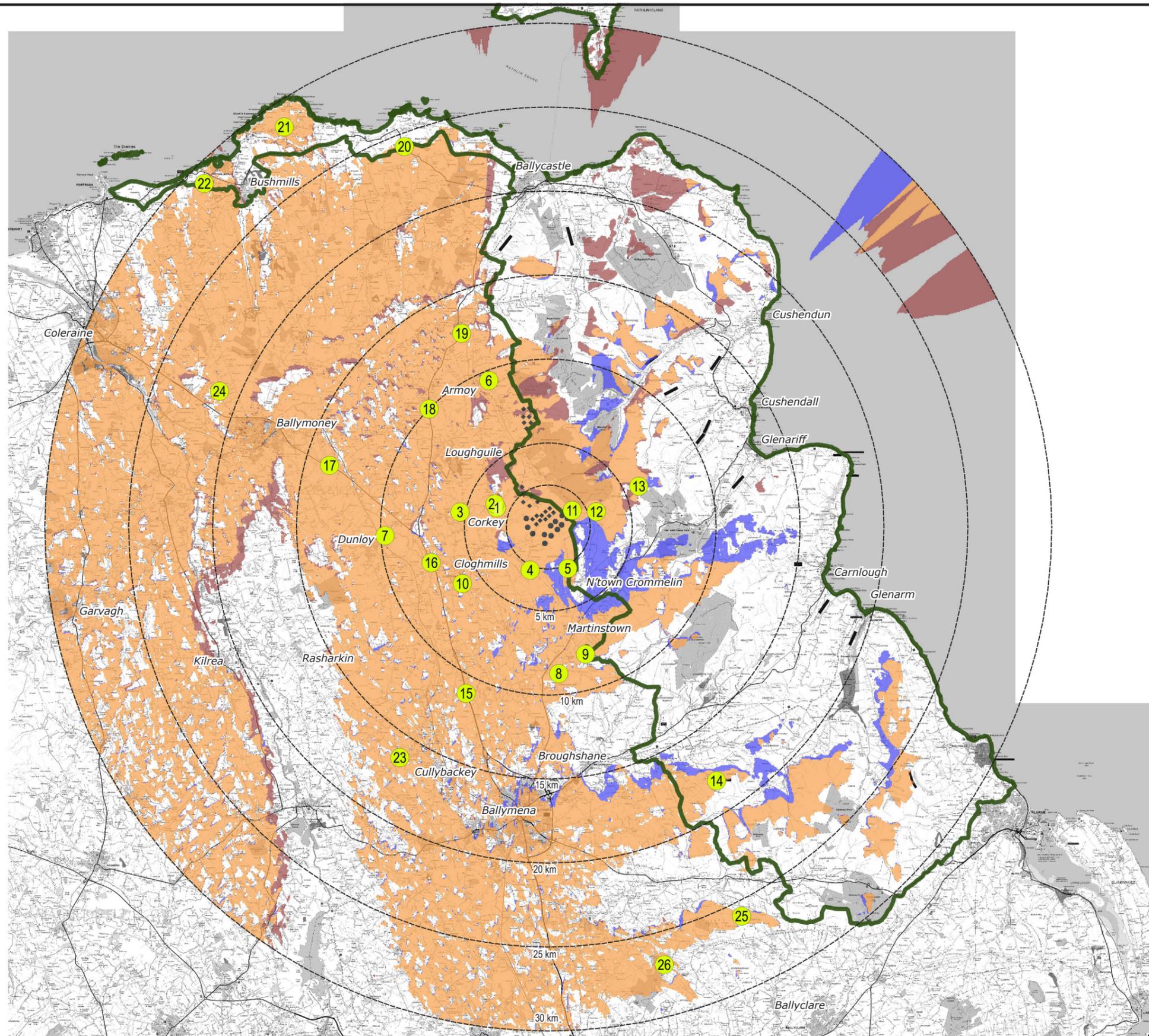
-  Carnbuck proposed turbines
-  LVIA Viewpoint Locations (detailed in Figure 4.3)
-  Existing and consented wind farms (detailed in Figure 4.4)
- Zone of Theoretical Visibility of:
  -  Existing and consented wind farms\* where Carnbuck would not be visible: 4.04 %
  -  Carnbuck where there is already visibility of other wind farms: 38.03 %
  - Total area with theoretical visibility of other wind farms: 42.07 %
  -  Additional visibility of Carnbuck where there is no visibility of other wind farms: 2.74%
  - Total area within 30 km with theoretical visibility of Carnbuck: 40.77%
  - Parts of Study Area with no visibility of any wind farms are unshaded: 55.19 %
-  Areas of Outstanding Natural Beauty

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**LANDSCAPE AND VISUAL IMPACT ASSESSMENT**

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TURBINE LAYOUT NO: pNIRgrx047		0 5 10km	

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**NOTES:** Turbine dimensions illustrated for Carnbuck: 180 m max. tip height above ground level; 138 m rotor diameter; 111 m hub height  
 \*Gruig Cluster of wind farms includes: Existing wind farms at Altaveedan (9 turbines), Corkey Extension (1 turbine) and Gruig (10 turbines) and consented Corkey Re-Power wind farm (5 turbines) which would replace the existing 10-turbine Corkey wind farm. The latter is not included in this ZTV illustration.  
 This Figure must be viewed in conjunction with the analysis of landscape and visual effects contained in Chapter 4 of the Environmental Statement and the detailed methodology for the preparation of visualisations contained in Technical Appendix 4.2.