

Wind Farm List

1. **Achairn**, Operational, 3 turbines, 100m to tip
5. **Baillie**, Under Construction, 21 turbines, 110m to tip
8. **Bilbster**, Operational, 3 turbines, 100m to tip
9. **Binga Fea**, Consented, 2 turbines, 74m to tip
12. **Buolfruch**, Operational, 15 turbines, 70m to tip
13. **Burn of Whilk**, Consented, 13 turbines, 116m to tip
14. **Camster**, Under Construction, 25 turbines, 120m to tip
16. **Causeymire - Phase 1**, Operational, 21 turbines, 101m to tip
17. **Causeymire - Phase 2**, Under Construction, 3 turbines, 101m to tip
24. **Forss - Phase 1**, Operational, 2 turbines, 76m to tip
25. **Forss - Phase 2**, Operational, 4 turbines, 78m to tip
26. **Gordonbush**, Operational, 35 turbines, 110m to tip
28. **Kilbraur**, Operational, 19 turbines, 115m to tip
29. **Kilbraur Extension**, Operational, 8 turbines, 125m to tip
33. **Ore Farm**, Consented, 1 turbine, 67m to tip
38. **Strathly North**, Under Construction, 33 turbines, 107m to tip
41. **Stroupster**, Consented, 12 turbines, 86m to tip
43. **Wathegar**, Under Construction, 5 turbines, 101m to tip
44. **Wathegar 2**, Consented, 9 turbines, 101m to tip
46. **West Of The Rowans, Moss Of Geise**, Consented, 1 turbine, 46m to tip

Non Technical Note

This figure shows the relative visibility of wind farms which had been built or which had received planning permission at the time of writing (spring 2013). It is based on a bare earth model which does not include vegetation. It does not indicate the effects of distance, nor the proportion of each wind farm which is visible. The figure does not illustrate visual impacts. See paragraphs 8.5 to 8.7 of the report for discussion.

Technical Note

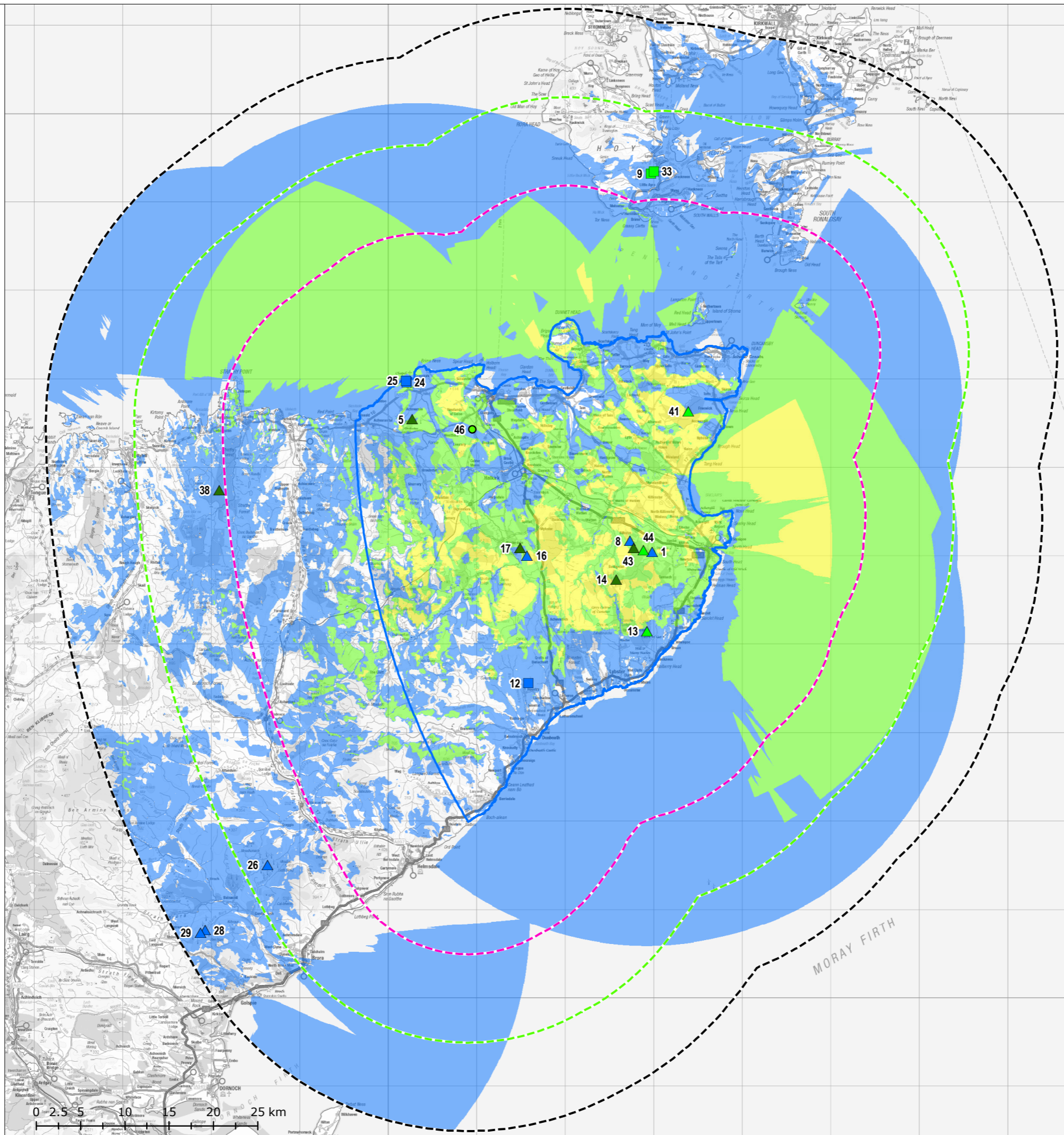
The ZTV is calculated to turbine tip height from a height of 2m above ground level.

The ZTV extents for all windfarms are based on the height of the turbines in SNH guidance (Visual Representation of Windfarms: Good Practice Guidance, SNH, 2006).

The terrain model is bare ground and derived from OS Panorama height data.

The earth curvature and atmospheric refraction have been taken into account.

Unshaded areas represent areas where either there is no theoretical visibility, or visibility has not been mapped due to distance from development (i.e. area is



Cumulative Zone of Theoretical Visibility of Existing and Consented Wind Farms

- Study Area
 - 15km Outer Study Area
 - 25km Outer Study Area
 - 35km Outer Study Area
- Wind Farm Status - Large (86-150m)**
- ▲ Operational
 - ▲ Under Construction
 - ▲ Consented
- Wind Farm Status - Medium (51-85m)**
- Operational
 - Consented
- Wind Farm Status - Small (35-50m)**
- Consented
- Number of Wind Farms Visible**
- 1 - 3
 - 4 - 8
 - 9 - 14

Figure 8.2
Map Scale @ A3:1:475,000