

Swarclett Wind Farm

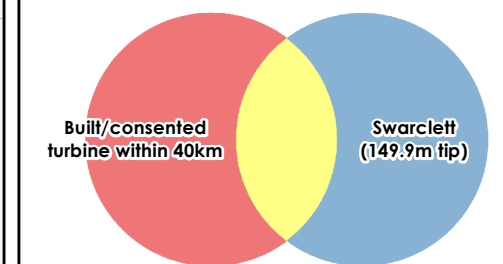


Figure 5-1-9a
Cumulative Blade Tip ZTV:
All Built & Consented Sites
within 40km

Key

- Swarclett proposed turbine (149.9m tip)
- ⋮ 10 km Swarclett turbine buffers to 40 km
- Built/Consented cumulative turbine within 40km
- Landscape Viewpoint

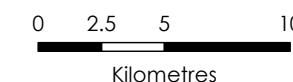
Cumulative Zone of Theoretical Visibility



Generated using Ordnance Survey's Terrain50 dataset which does not take into account the screening effects of buildings or vegetation.

ZTV calculated using ArcGIS 10.6 Viewshed tool with observer eye height 2m above ground and corrections for earth curvature and atmospheric refraction applied.

Distance of ZTV calculations based on SNH guidelines
 Up to 50m tip - 15km 51 to 70 m tip - 20 km
 71 to 85 m tip - 25 km 86 to 100 m tip - 30 km
 101 to 130 m tip - 35 km 131 to 150 m tip - 40 km
 Above 150 m tip - 45 km



Scale @ A3:
1:300,000



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