

# Swarclett Wind Farm

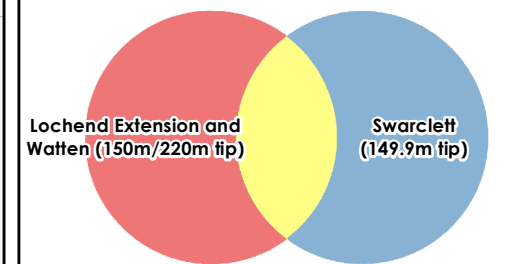


Figure 5-1-9d  
Cumulative Blade Tip ZTV:  
Lochend Extension & Watten

**Key**

- Swarclett proposed turbine (149.9m tip)
- ⋯ 10 km Swarclett turbine buffers to 40 km
- Lochend Extension/Watten cumulative turbine (150m/220m tip)
- Landscape Viewpoint

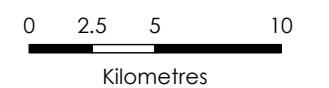
**Cumulative Zone of Theoretical Visibility**



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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