

Lairdmannoch
Energy Park

wind2

AI AELSQ 5-5-3
Zone of Theoretical Visibility to
Blade Tip - Bare Earth

Key

- Proposed Development - 149.9m to Blade Tip
- Proposed Development - 180m to Blade Tip
- Distance Radii from Outermost Turbine (5, 10, 15 km)
- Viewpoints
- Fleet Valley National Scenic Area
- SLQ Landscape Zones

Zone of Theoretical Visibility to Blade Tip

- 1 - 3 turbines may be visible
- 4 - 6 turbines may be visible
- 7 - 8 turbines may be visible

Figure Data:
This figure has been based on the following data:
Layout file: D006-obvs-8T-15-15km.shp; D006-obvs-8T-150-45km.shp
Terrain data: T5-DTM.asc; T50-DTM.asc
Viewer's eye height: 2m
Calculation grid size: 5m (to 15km from turbines) / 50m

Notes:
This drawing is based upon computer generated Zone of Theoretical Visibility (ZTV) studies produced using the Viewshed routine in the Visibility Analysis plugin for QGIS.
The areas shown are the maximum theoretical visibility, taking topography into account.
This visibility map is based on a 'bare earth' model of the landscape and does not show any effects of screening from obstacles such as buildings and vegetation.
The ZTV includes an adjustment that allows for Earth's curvature and light refraction. It is based on a derived DTM and has a 5m² / 50m² resolution.

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atmos
CONSULTING

0 1 2 4
km
Scale @ A1:
1:30,000

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