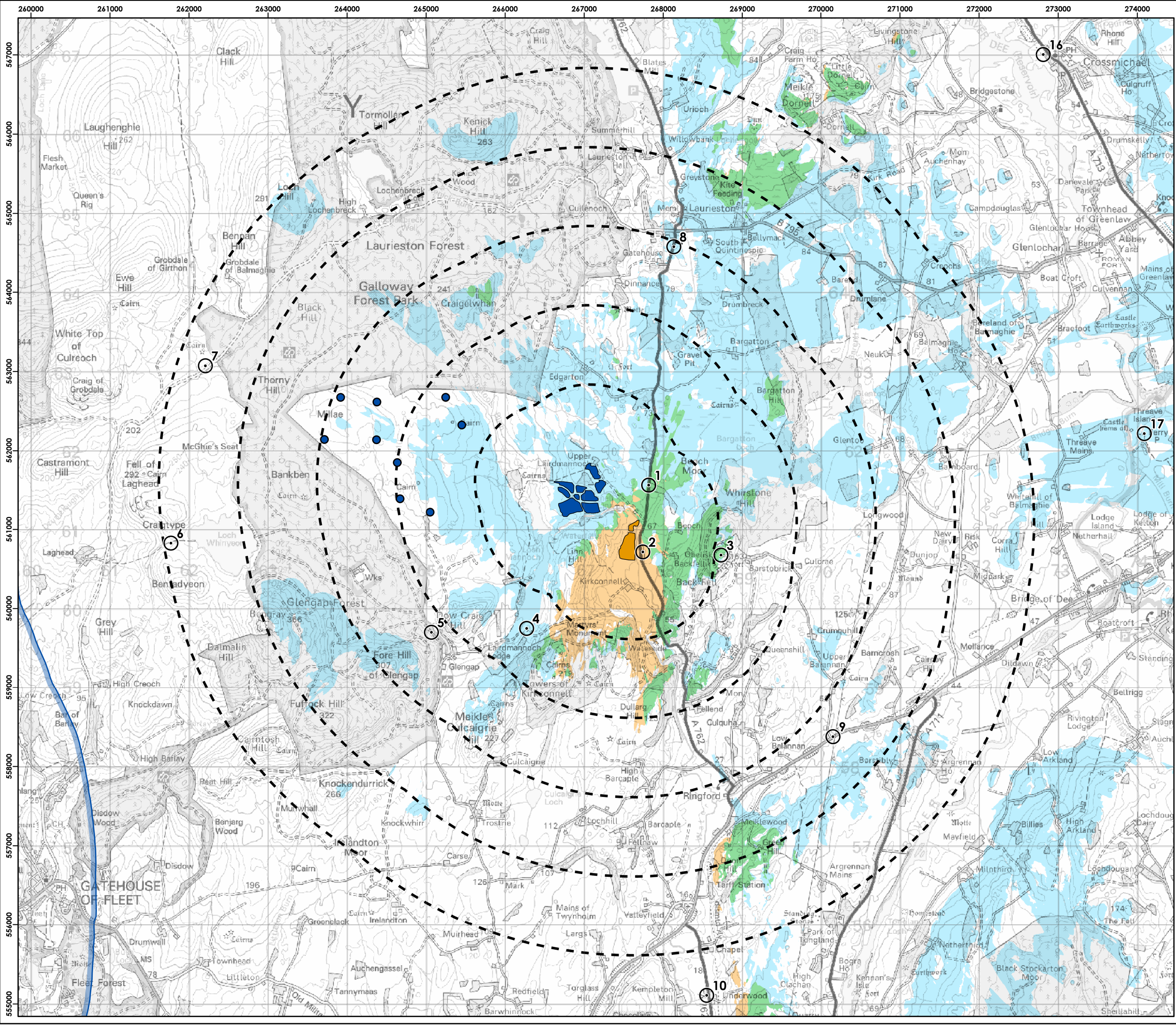




Lairdmannoch Energy Park



Figure 5-11
Zone of Theoretical Visibility of Solar Farm - Bare Ground

Key

- Proposed Solar Panels - North
- Proposed Solar Panels - South
- Proposed Development (Wind Turbines)
- Distance Radii from Panels (1, 2, 3, 4, 5 km)
- Fleet Valley National Scenic Area
- Viewpoints

Zone of Theoretical Visibility (3.5 m high panels)

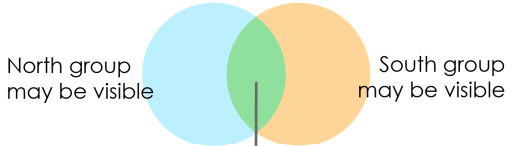


FIGURE DATA: Both may be visible
This figure has been based on the following data:
Layout file: D005-obvs-solar-panels-3_2m-T5-6km.shp
Terrain data: T5-DTM.asc
Viewer's eye height: 2m above ground level
Calculation grid size: 5m

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 landform 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 DSM and has a 5m² resolution.



0 0.5 1 2 km

N

Scale @ A3:
1:45,000

© Crown copyright 2025. All rights reserved.
Ordnance survey licence number AC0000808122.