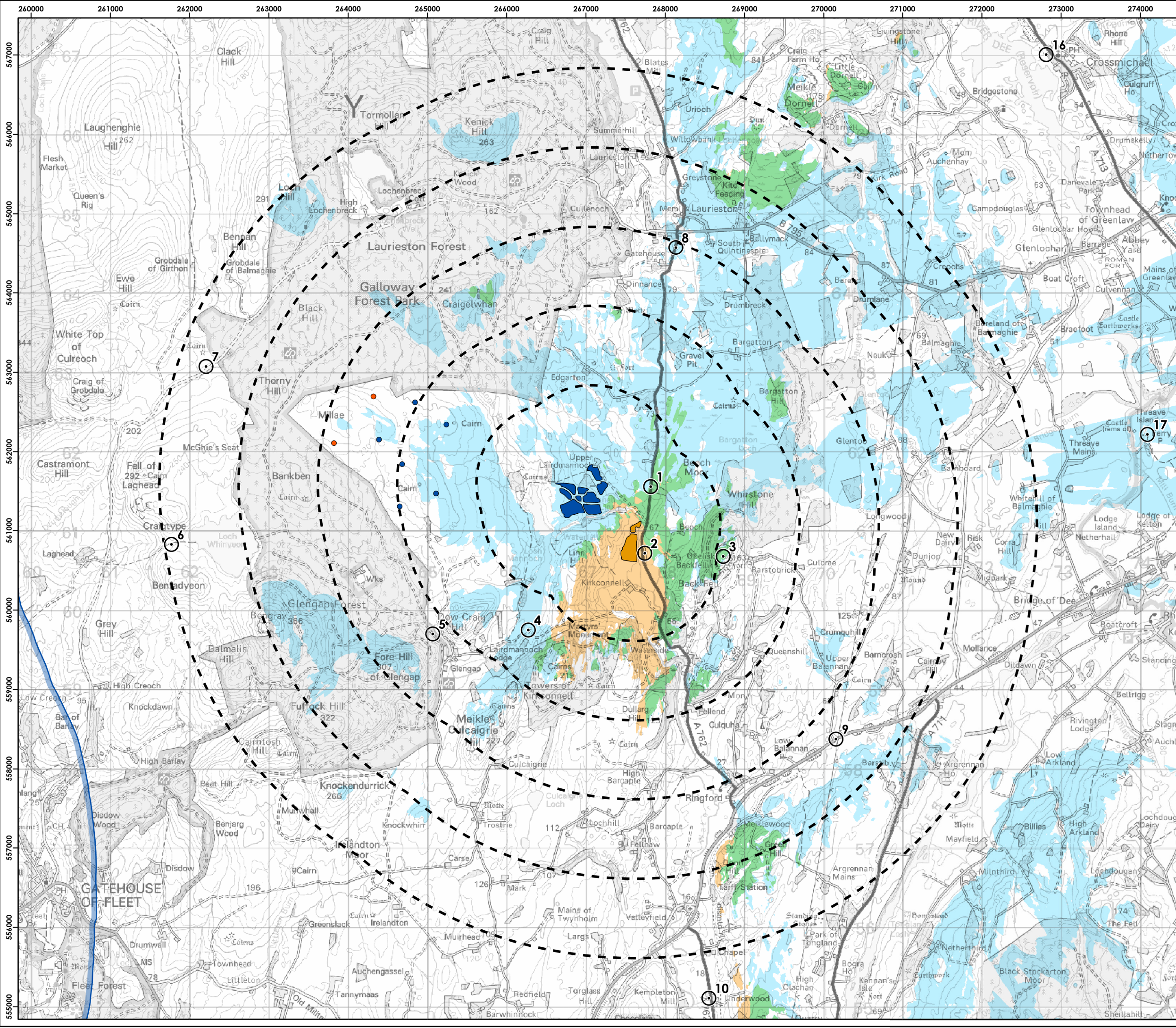




Lairdmannoch Energy Park



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

- Key**
- Proposed Solar Panels - North
 - Proposed Solar Panels - South
 - Proposed Development - 149.9m to Blade Tip
 - Proposed Development - 180m to Blade Tip
 - Distance Radii from Panels (1, 2, 3, 4, 5 km)
 - Fleet Valley National Scenic Area
 - Viewpoints

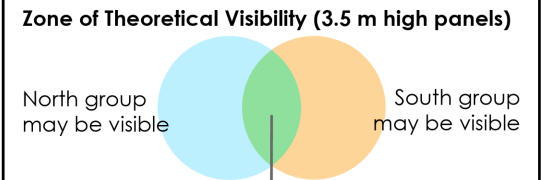


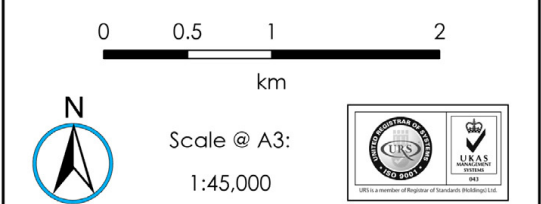
FIGURE DATA: Both may be visible
This figure has been based on the following data:
Layout file: D005-obvs-solar-panels-3_2m-T5-6km.shp
Terrain data: T5-DTM.asc
Viewer's eye height: 2m above ground level
Calculation grid size: 5m

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.



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