

LITTLE HARTFELL WIND FARM
TIP HEIGHT INCREASE

FIGURE 7
Zone of Theoretical Visibility to Hub Height

KEY

- Proposed Little Hartfell Turbines
- Distance Radii from Outermost Turbine (5, 20, 35km)
- * Viewpoints

Zone of Theoretical Visibility to Hub Height (115m)

- 1 - 3 turbines may be visible
- 4 - 6 turbines may be visible
- 7 - 9 turbines may be visible

FIGURE DATA:
This figure has been based on the following data:

Terrain data:
LHA-1 TERRAIN50.asc

Viewer's eye height: 2m above ground level
Calculation grid size: 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 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 DTM and has a 50m² resolution.

Projected Coordinate System: British National Grid

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