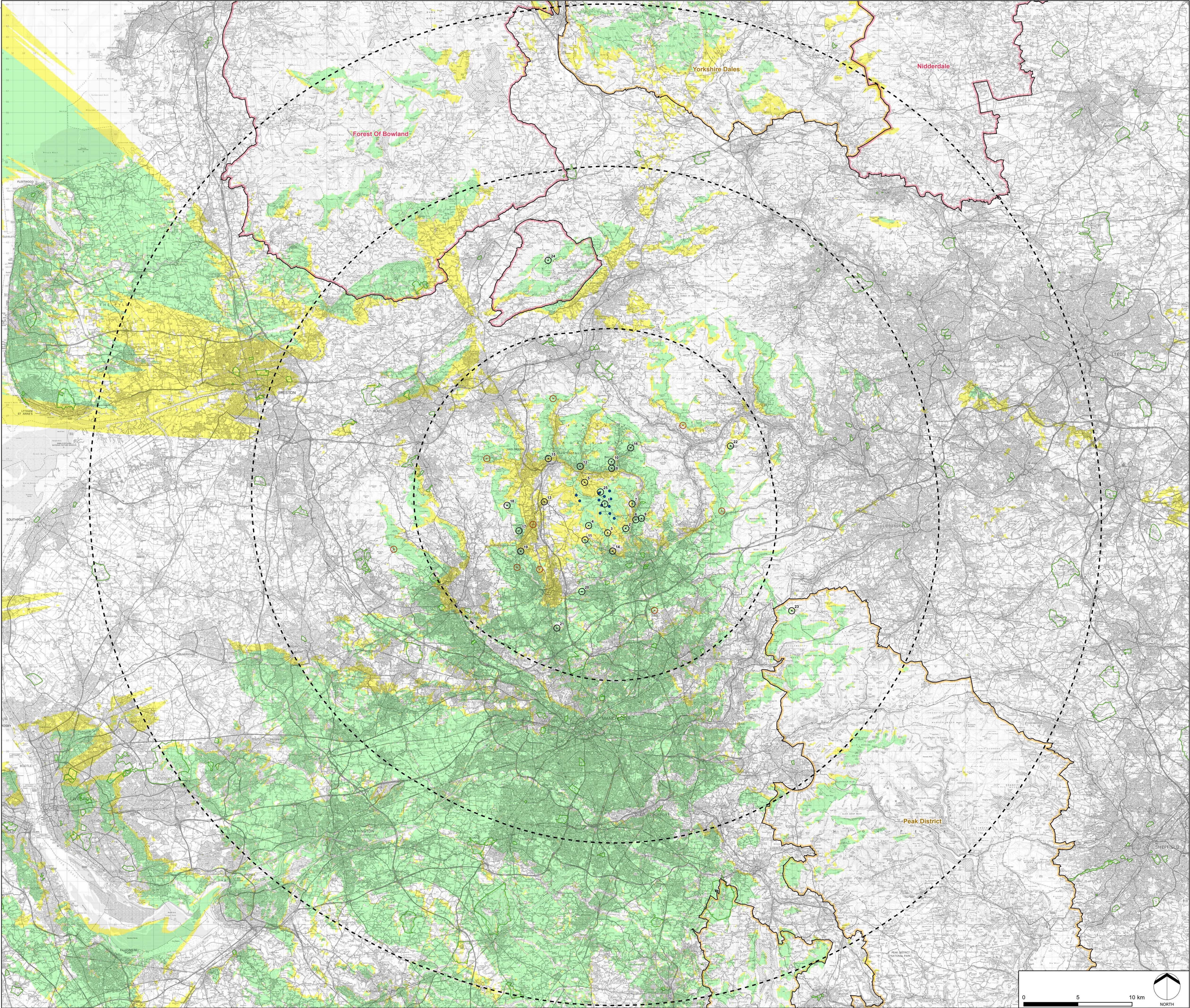




SCOUT MOOR II WIND FARM

FIGURE 11.6

ZTV to Hub Height – Bare Earth

KEY

Scout Moor II Turbines

Distance Radii from Outmost Turbines (15, 30, 45km)

Viewpoints

Illustrative Wirelines

National Parks

National Landscapes

Registered Parks and Gardens

Zone of Theoretical Visibility (105m to hub height)

1 - 6 turbines may be visible

7 - 12 turbines may be visible

The 13–17 turbine visibility category shown in the ES is not included as the scheme has been reduced to 12 turbines.

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

Layout file: D012-obvs-HH-T5-5km.shp; D012-obvs-HH-T50-45km.shp
Terrain data: T5-DTM.asc; T50-DTM-45km.asc
Viewer's eye height: 2m above ground level
Calculation grid size: 5m (to 5km from turbines) / 50m (beyond)

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 5m² (to 5km from turbines) / 50m² resolution.

Projected Coordinate System: British National Grid
Cubico UK Development (Wind 1) Ltd

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