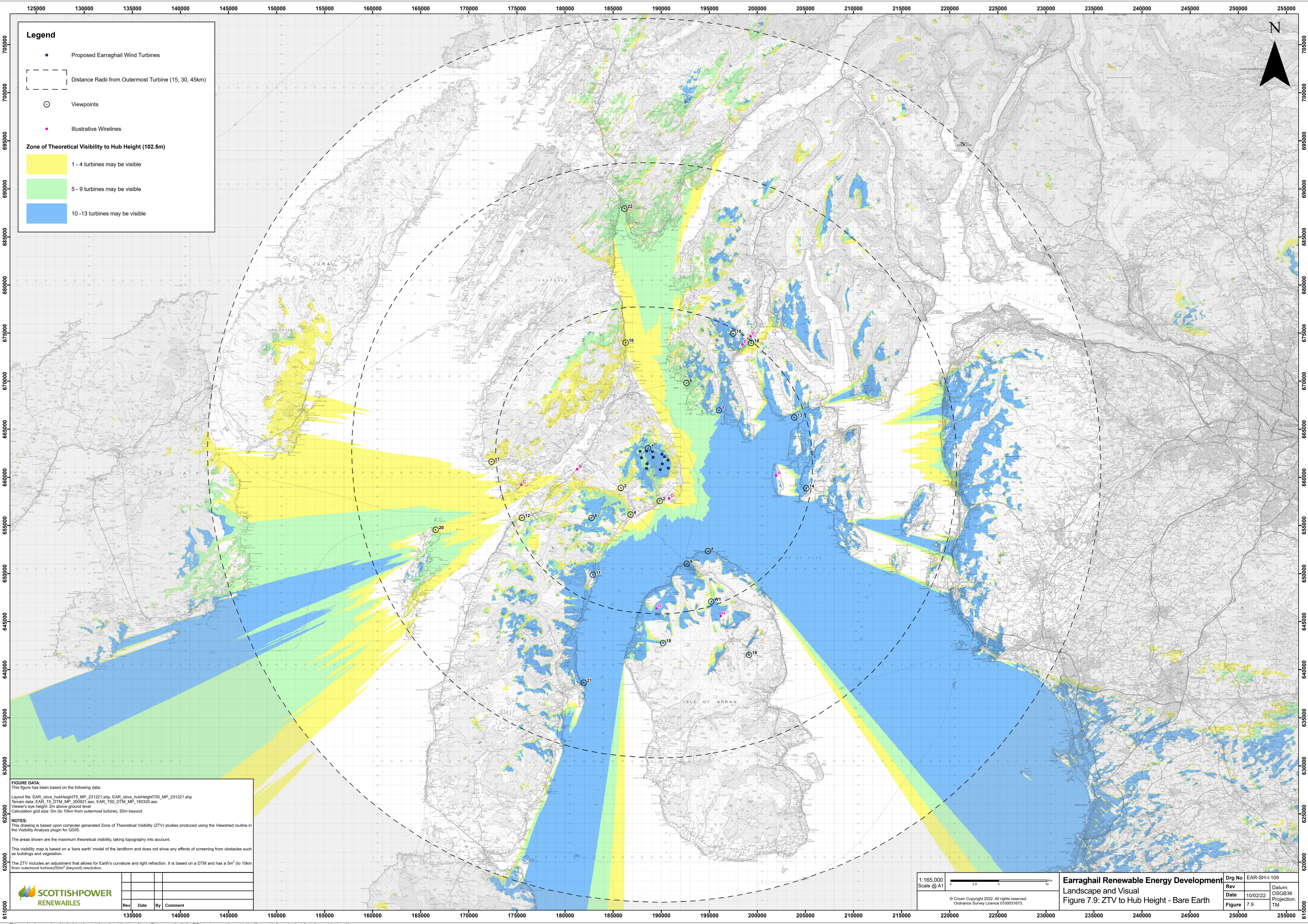




Legend

Proposed Earraghail Wind Turbines

Distance Radii from Outermost Turbine (15, 30, 45km)

Viewpoints

Illustrative Wirelines

Zone of Theoretical Visibility to Hub Height (102.5m)

1 - 4 turbines may be visible

5 - 9 turbines may be visible

10 - 13 turbines may be visible

FIGURE DATA:
This figure has been based on the following data:
Layout file: EAR_obs_hubHeightT5_MP_231221.shp, EAR_obs_hubHeightT50_MP_231221.shp
Terrain data: EAR_T5_DTM_MP_300921.asc, EAR_T50_DTM_MP_160320.asc
Viewer's eye height: 2m above ground level
Calculation grid size: 5m (to 10km from outermost turbine), 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 10km from outermost turbine)/50m² (beyond) resolution.