

## Dunside Wind Farm

for EDF Renewables



Figure 4.2.11:

Viewpoint 11 - Edgarhope Wood, Southern Upland Way

Site Boundary

Turbine

5km intervals from outermost turbines

LVIA study area 45km from outermost turbines

Viewpoint

Theoretical blade tip visibility (220m)

1-4 turbines visible

5-8 turbines visible

9-12 turbines visible

13-15 turbines visible

/ 53.5° Field of View

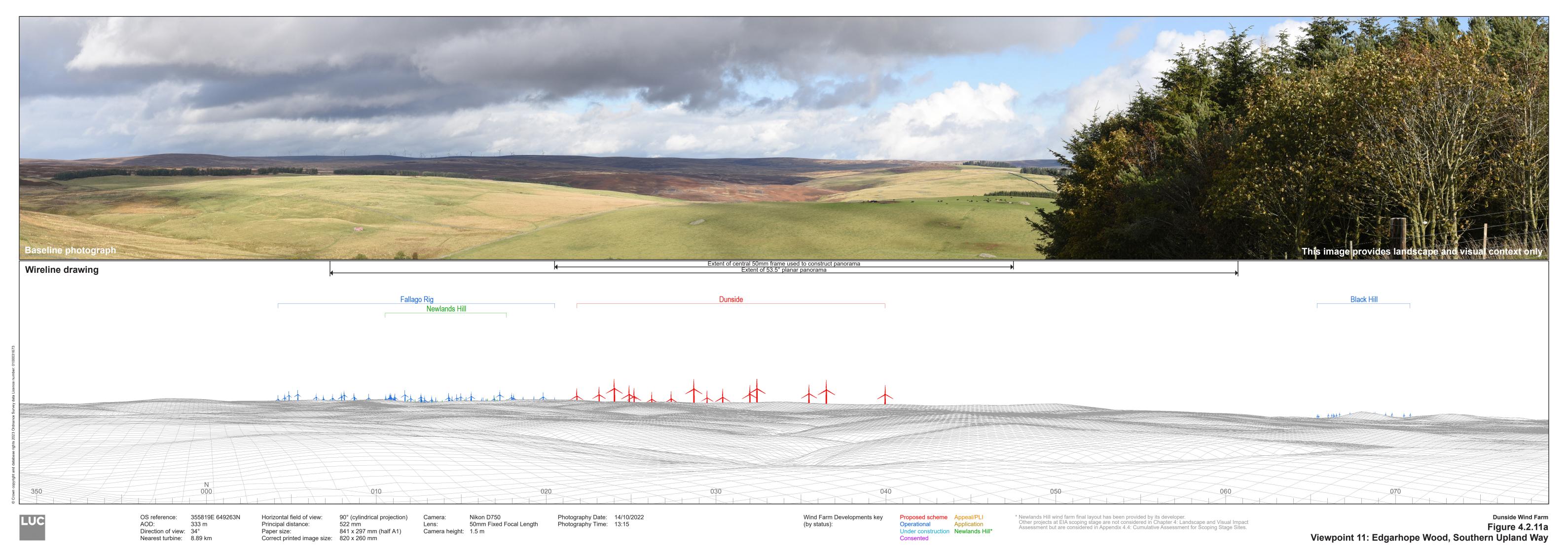
/ 90° Field of View

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The ZTV is calculated to turbine tip height (220m) from a viewing height of 2m above ground level.

The terrain model assumes bare ground and is derived from OS Terrain 50 height data (obtained from Ordnance Survey in January 2023). Earth curvature and atmospheric refraction have been taken into account. The ZTV was calculated using ArcMap 10.8.1.











LUC

OS reference: 355819E 649263N
AOD: 333 m
Direction of view: 34°
Nearest turbine: 8.89 km

Horizontal field of view: 53.5° (planar projection)
Principal distance: 812.5 mm
Paper size: 841 x 297 mm (half A1)
Correct printed image size: 820 x 260 mm





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Camera: Nikon D750
Lens: 50mm Fixed Focal Length
Camera height: 1.5 m

Photography Date: 14/10/2022 Photography Time: 13:15