

Dunsdale Wind Farm
for EDF Renewables

Figure 4.2.8:
Viewpoint 8 - B6456 near Bedshiel

- Site Boundary
- Turbine
- 5km intervals from outermost turbines
- LVIA study area 45km from outermost turbines
- Viewpoint

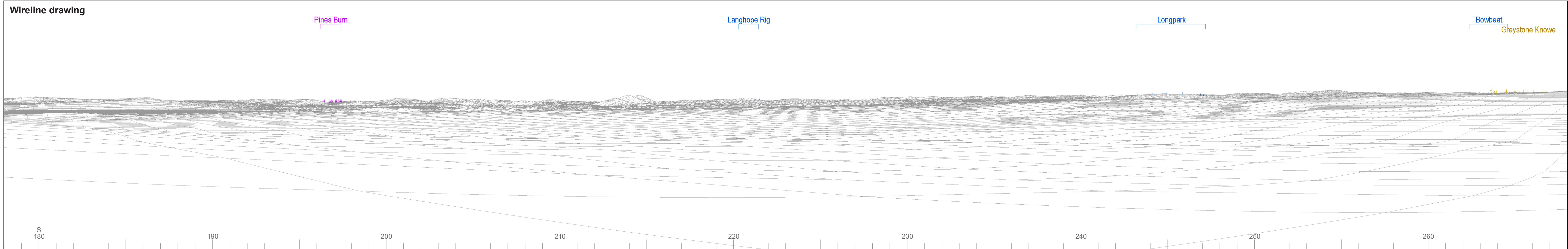
Theoretical blade tip visibility (220m)

- 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

Notes:
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.

EDF renewables





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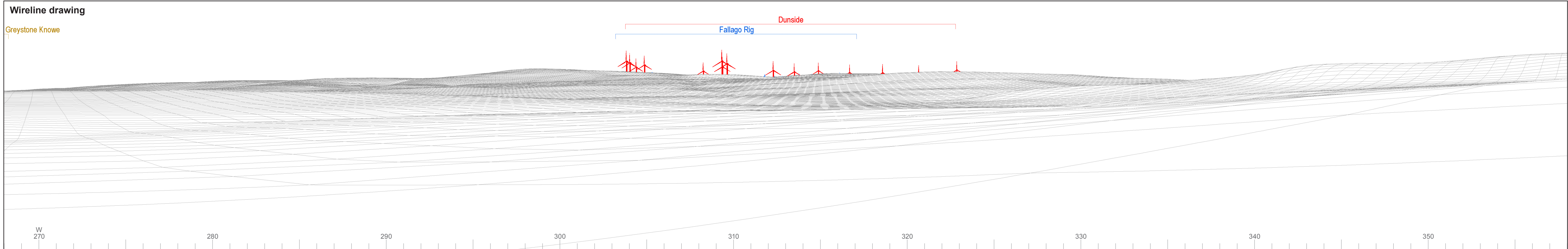
OS reference: 368161E 651683N
 AOD: 231 m
 Direction of view: 223°
 Nearest turbine: 7.9 km

Horizontal field of view: 90° (cylindrical projection)
 Principal distance: 522 mm
 Paper size: 841 x 297 mm (half A1)
 Correct printed image size: 820 x 260 mm

Wind Farm Developments key (by status):

- Proposed scheme
- Operational
- Under construction
- Consented
- Appeal/PLI Application
- Newlands Hill*

* Newlands Hill wind farm final layout has been provided by its developer. Other projects at EIA scoping stage are not considered in Chapter 4: Landscape and Visual Impact Assessment but are considered in Appendix 4.4: Cumulative Assessment for Scoping Stage Sites.



Wireline drawing

Greystone Knowe

Fallago Rig

Dunside

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W 270 280 290 300 310 320 330 340 350



OS reference: 368161E 651683N
 AOD: 231 m
 Direction of view: 313°
 Nearest turbine: 7.9 km

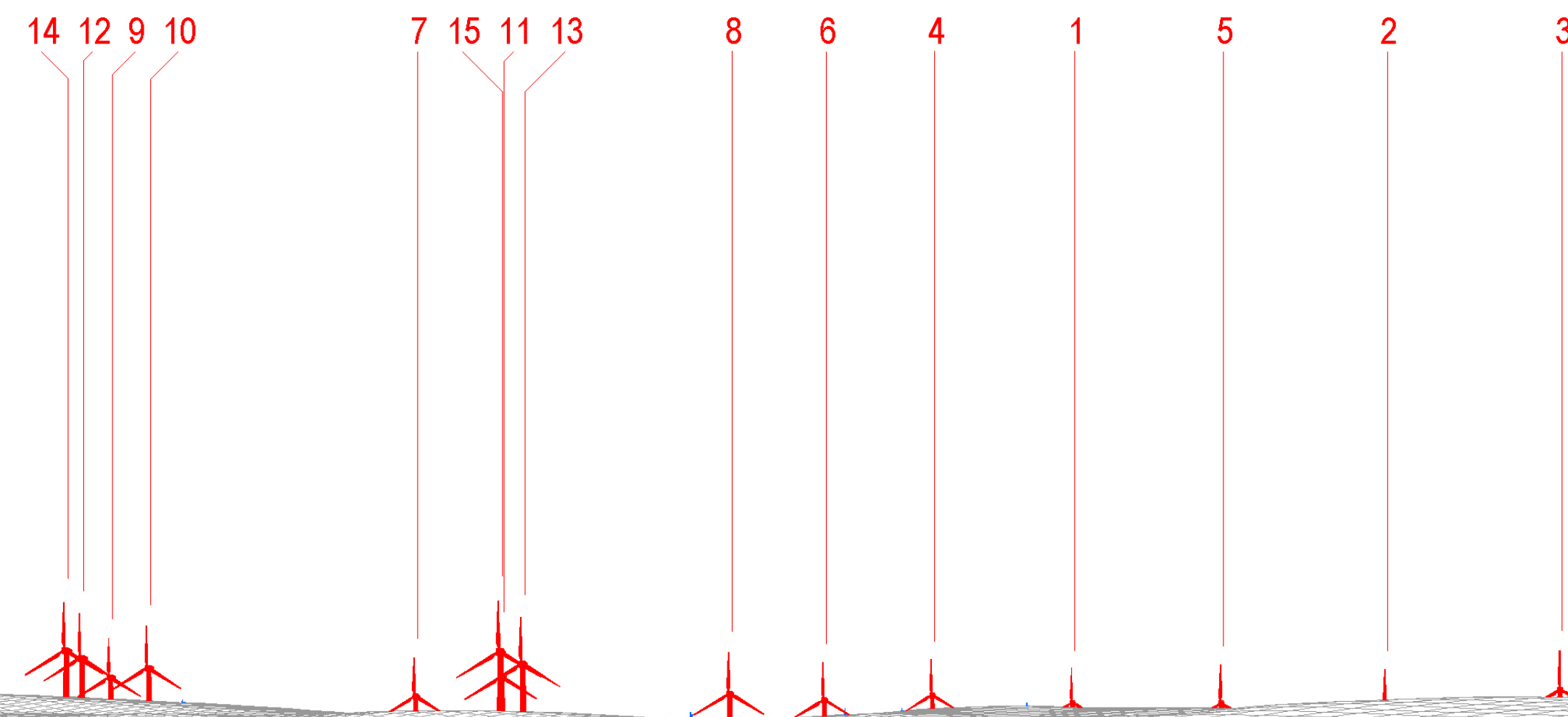
Horizontal field of view: 90° (cylindrical projection)
 Principal distance: 522 mm
 Paper size: 841 x 297 mm (half A1)
 Correct printed image size: 820 x 260 mm

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Dunside Wind Farm
Figure 4.2.8b
 Viewpoint 8: B6456 near Bedshiel



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Wireline drawing

View flat at a comfortable arm's length



OS reference:	368161E 651683N	Horizontal field of view:	53.5° (planar projection)
AOD:	231 m	Principal distance:	812.5 mm
Direction of view:	313°	Paper size:	841 x 297 mm (half A1)
Nearest turbine:	7.9 km	Correct printed image size:	820 x 260 mm

Wind Farm Developments key
(by status):

Proposed scheme
Operational

Dunside Wind Farm
Figure 4.2.8c
Viewpoint 8: B6456 near Bedshiel