

**An Carr Dubh Wind Farm**  
for Carr Dubh Wind Farm Ltd

**LUC**

**Figure 6.2.29:**  
Viewpoint 29 - Beinn Bhruidhe

The ZTV is calculated to turbine tip height (180m) 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 July 2019). Earth curvature and atmospheric refraction have been taken into account. The ZTV was calculated using ArcMap 10.8.1 software.

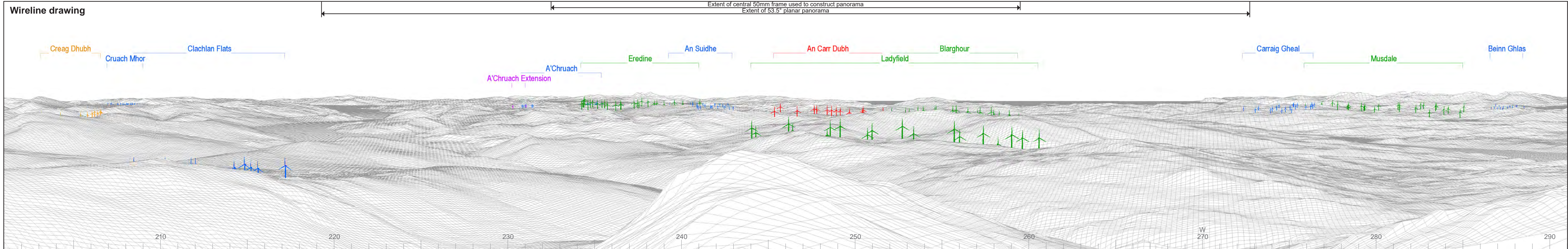
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CB:JH:EB:Harbich\_LUC FIG06-02-XX\_11260\_r0\_VPOverviews\_A3L\_30/01/2023  
Source: LUC, Statkraft

**Statkraft**





Wireline drawing

Extent of central 50mm frame used to construct panorama  
Extent of 53.5° planar panorama

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OS reference: 221837E 704362N  
 AOD: 943.11 m  
 Direction of view: 246°  
 Nearest turbine: 13.32 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

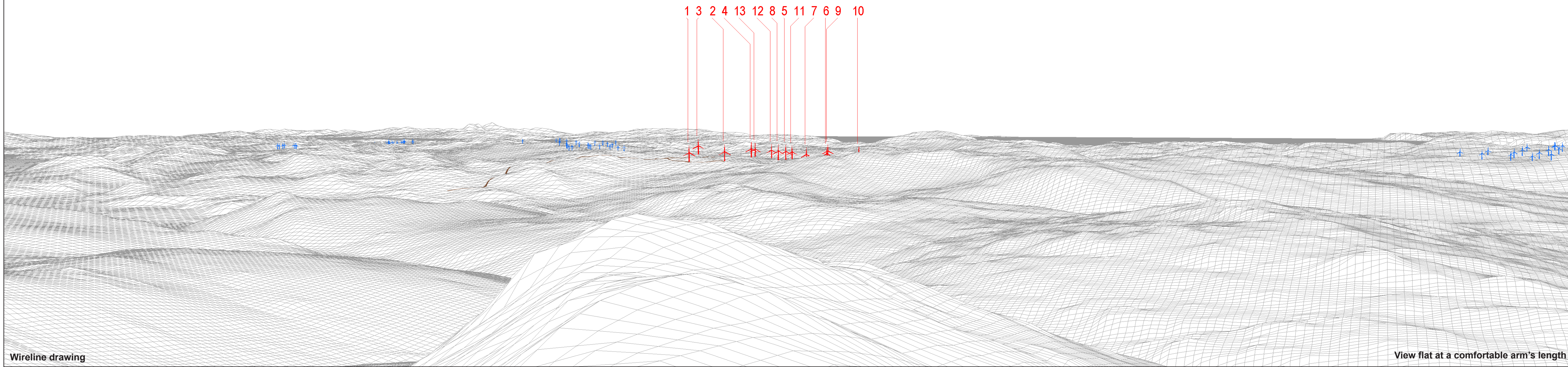
Wind Farm Developments key  
(by status):

Proposed scheme	Application
Operational	Scoping
Under construction	Appeal/PLI
Consented	

An Carr Dubh  
**Figure: 6.2.29a**  
 Viewpoint 29: Beinn Bhuidhe



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Wireline drawing

View flat at a comfortable arm's length



OS reference: 220364E 718719N  
AOD: 943.11 m  
Direction of view: 246°  
Nearest turbine: 13.32 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

Wind Farm Developments key  
(by status):  
Proposed scheme  
Operational

An Cár Dubh  
Figure: 6.2.29b  
Viewpoint 29: Beinn Bhuidhe





Dusk Photomontage - Reasonable minimum intensity aviation hub lighting shown on Turbines 1, 2, 3, 7, 10, 11 and 13

View flat at a comfortable arm's length



OS reference: 220364E 718719N  
AOD: 943.11 m  
Direction of view: 246°  
Nearest turbine: 13.32 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

Camera: Sony ILCE-7RM3  
Lens: 50mm Fixed Focal Length  
Camera height: 1.5 m

Photography Date: 07/06/2022  
Photography Time: 22:53:00 (GMT)

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Dusk Photomontage - 200 candela aviation hub lighting shown on Turbines 1, 2, 3, 7, 10, 11 and 13

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OS reference: 220364E 718719N  
AOD: 943.11 m  
Direction of view: 246°  
Nearest turbine: 13.32 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

Camera: Sony ILCE-7RM3  
Lens: 50mm Fixed Focal Length  
Camera height: 1.5 m

Photography Date: 07/06/2022  
Photography Time: 22:53:00 (GMT)

An Càrr Dubh  
**Figure: 6.2.29d**  
Viewpoint 29: Beinn Bhuidhe





Dusk Photomontage - Reasonable maximum intensity aviation hub lighting shown on Turbines 1, 2, 3, 7, 10, 11 and 13

View flat at a comfortable arm's length



OS reference: 220364E 718719N  
AOD: 943.11 m  
Direction of view: 246°  
Nearest turbine: 13.32 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

Camera: Sony ILCE-7RM3  
Lens: 50mm Fixed Focal Length  
Camera height: 1.5 m

Photography Date: 07/06/2022  
Photography Time: 22:53:00 (GMT)





Dusk Photomontage - 2000 candela aviation hub lighting shown on Turbines 1, 2, 3, 7, 10, 11 and 13



OS reference: 220364E 718719N  
AOD: 943.11 m  
Direction of view: 246°  
Nearest turbine: 13.32 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

Camera: Sony ILCE-7RM3  
Lens: 50mm Fixed Focal Length  
Camera height: 1.5 m

Photography Date: 07/06/2022  
Photography Time: 22:53:00 (GMT)