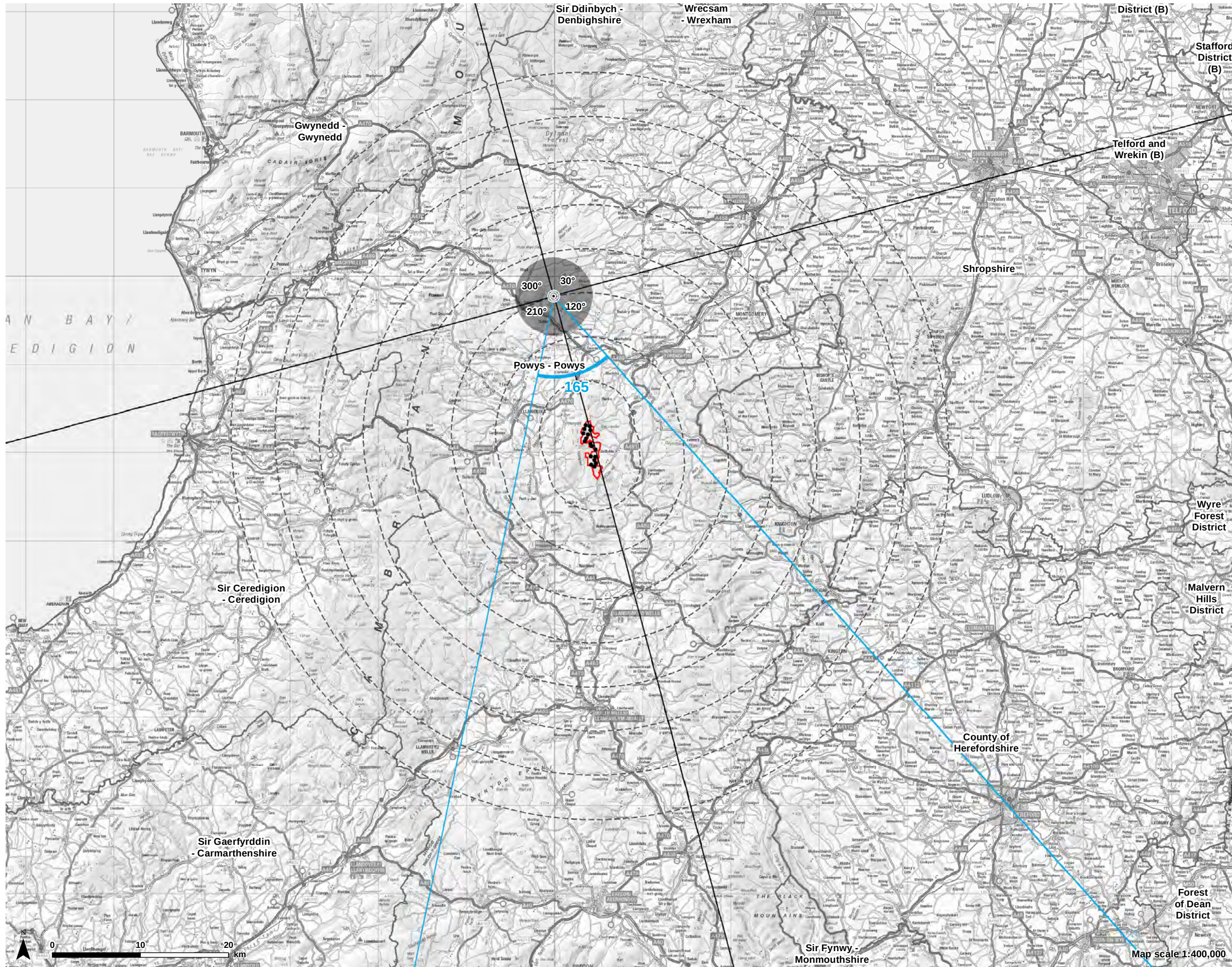
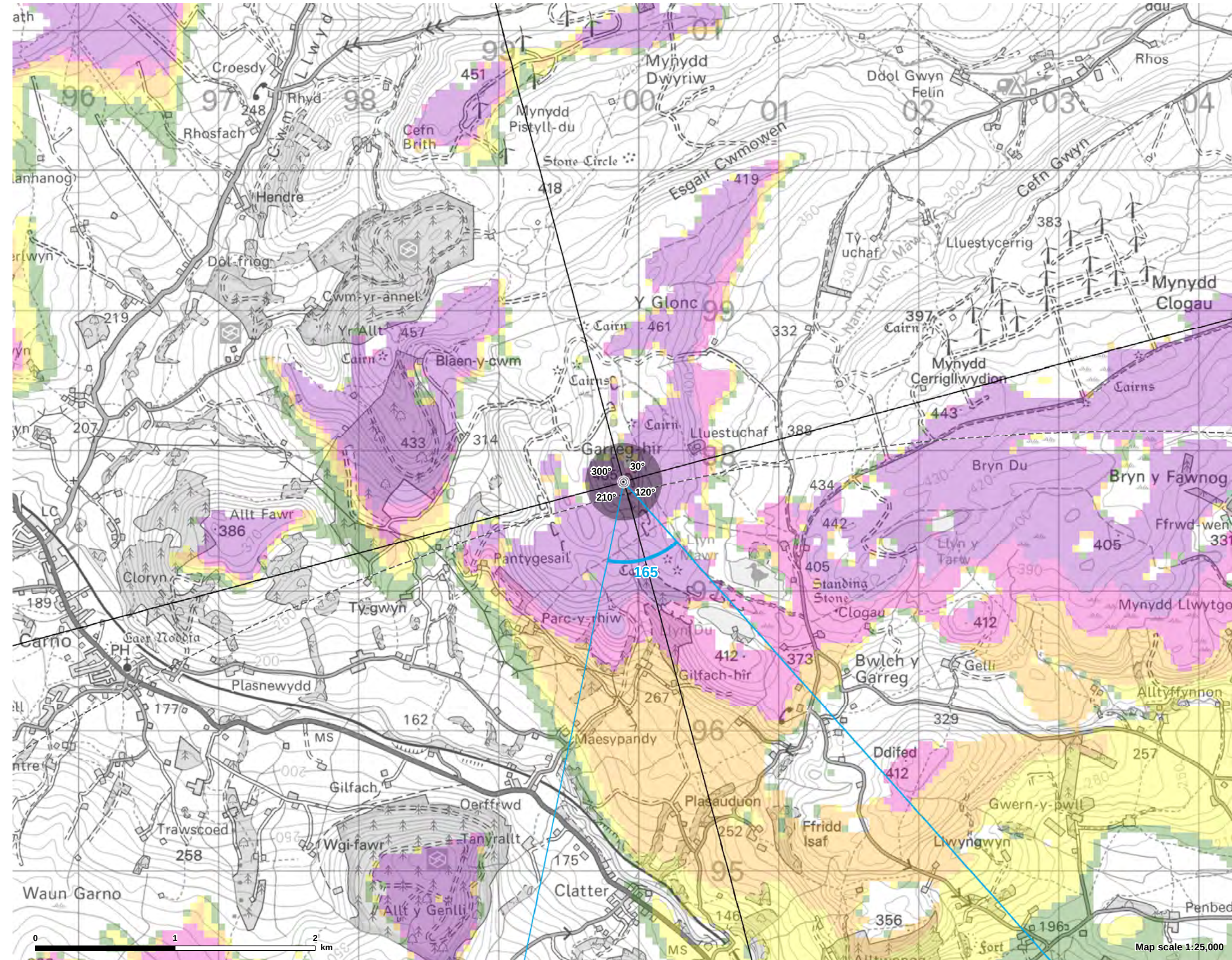




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Garn Fach Wind Farm LVIA



Figure: 6-42a: VP22
Garreg-hir

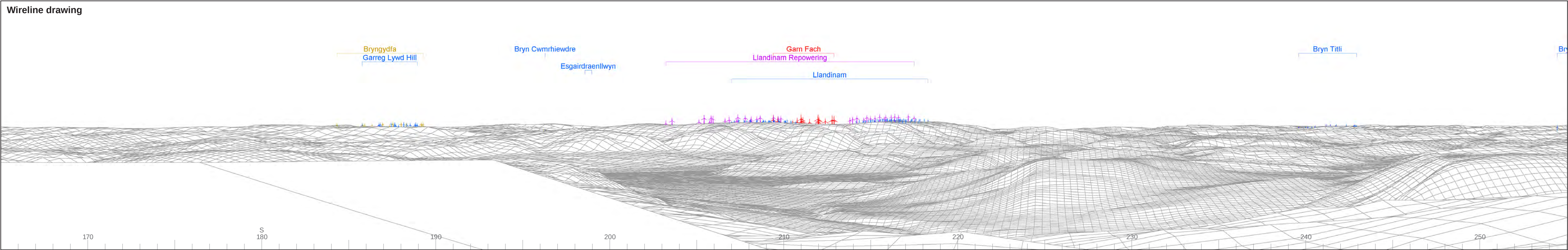
- Turbine location
- Site boundary
- Viewpoint
- 5km intervals from outermost turbines
- 45km from outermost turbines
- Zone of Theoretical Visibility**
 - 1-4 Turbines are visible
 - 5-8 Turbines are visible
 - 9-12 Turbines are visible
 - 13-15 Turbines are visible
 - 16-17 Turbines are visible
- 53.5° Field of View
- 90° Field of View

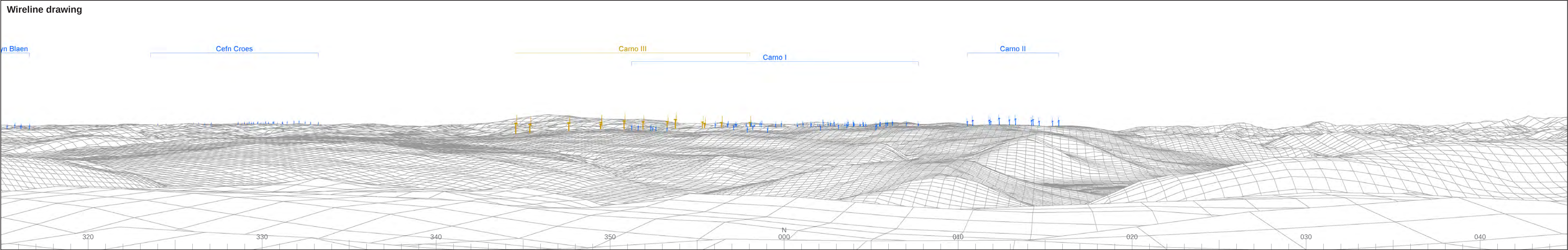
Note
The ZTV is calculated to turbine tip height (149.9m) from a viewing height of 2m above ground level. The terrain model assumes bare ground and is derived from OS Terrain 50 height data (obtained from Ordnance Survey in July 2019).

Earth curvature and atmospheric refraction have been taken into account. The ZTV was calculated using ArcMap 10.5.1 software.



CB:XX EB Packham_B LUC SNH_Template_Double_A3L_DDP 17/05/2021
Source:





OS reference: 299891E 297780N
AOD: 476m
Direction of view: 300°
Nearest turbine: 15.1 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

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

Photography Date: 13/11/2020
Photography Time: 15.17pm

Wind Farm Developments key
(by status):

Proposed scheme
Operational
Under construction
Consented
Application
Appeal/PLI

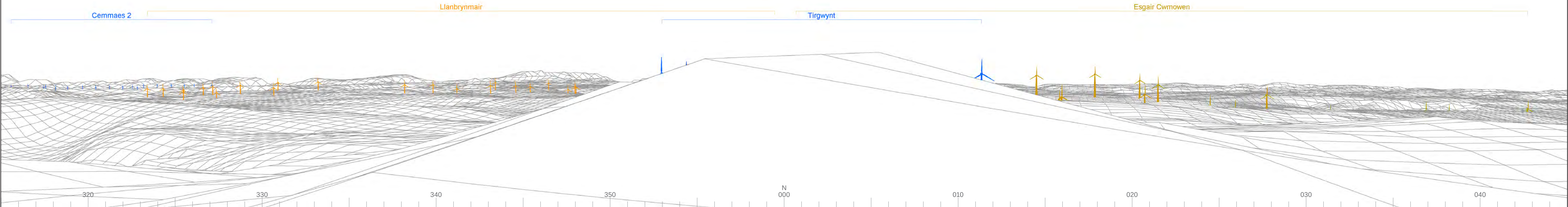
Garn Fach
Figure: 6-42c
Viewpoint 22: Garreg-hir



Baseline photograph

This image provides landscape and visual context only

Wireline drawing



OS reference: 299891E 297780N
AOD: 476m
Direction of view: 30°
Nearest turbine: 15.1 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

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

Photography Date: 13/11/2020
Photography Time: 15.17pm

Wind Farm Developments key
(by status):

Proposed scheme
Operational
Under construction
Consented
Application
Appeal/PLI

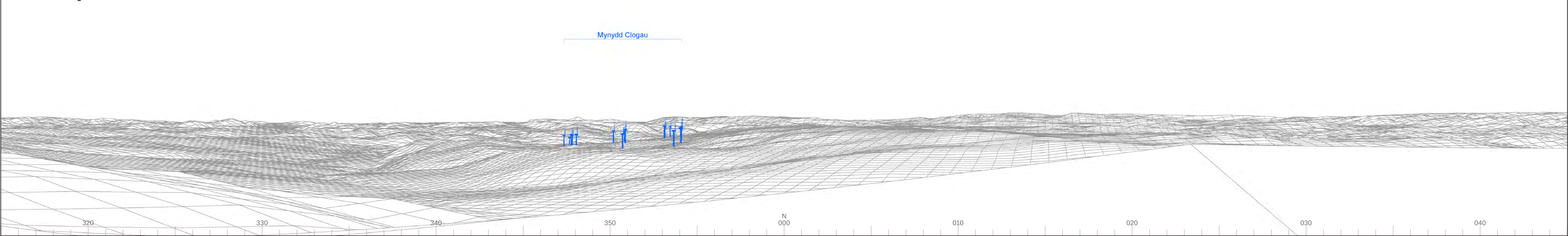
Garn Fach
Figure: 6-42d
Viewpoint 22: Garreg-hir



Baseline photograph

This image provides landscape and visual context only

Wireline drawing



OS reference: 299891E 297780N
AOD: 476m
Direction of view: 120°
Nearest turbine: 15.1 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

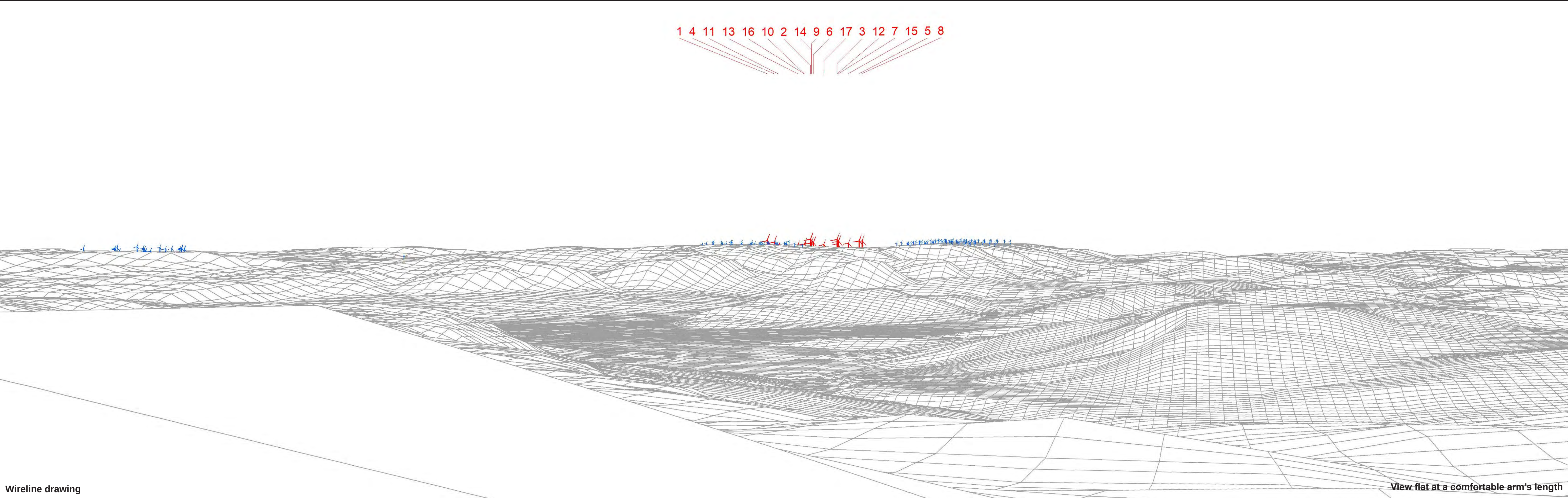
Camera: Nikon D750
Lens: 50mm Fixed Focal Length
Camera height: 1.5m

Photography Date: 13/11/2020
Photography Time: 15.17pm

Wind Farm Developments key
(by status):

Proposed scheme
Operational
Under construction
Consented
Application
Appeal/PLI

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Wireline drawing

View flat at a comfortable arm's length



OS reference: 299891E 297780N
AOD: 476m
Direction of view: 165°
Nearest turbine: 15.1 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

Garn Fach
Figure: 6-42f
Viewpoint 22: Garreg-hir



Photomontage

View flat at a comfortable arm's length

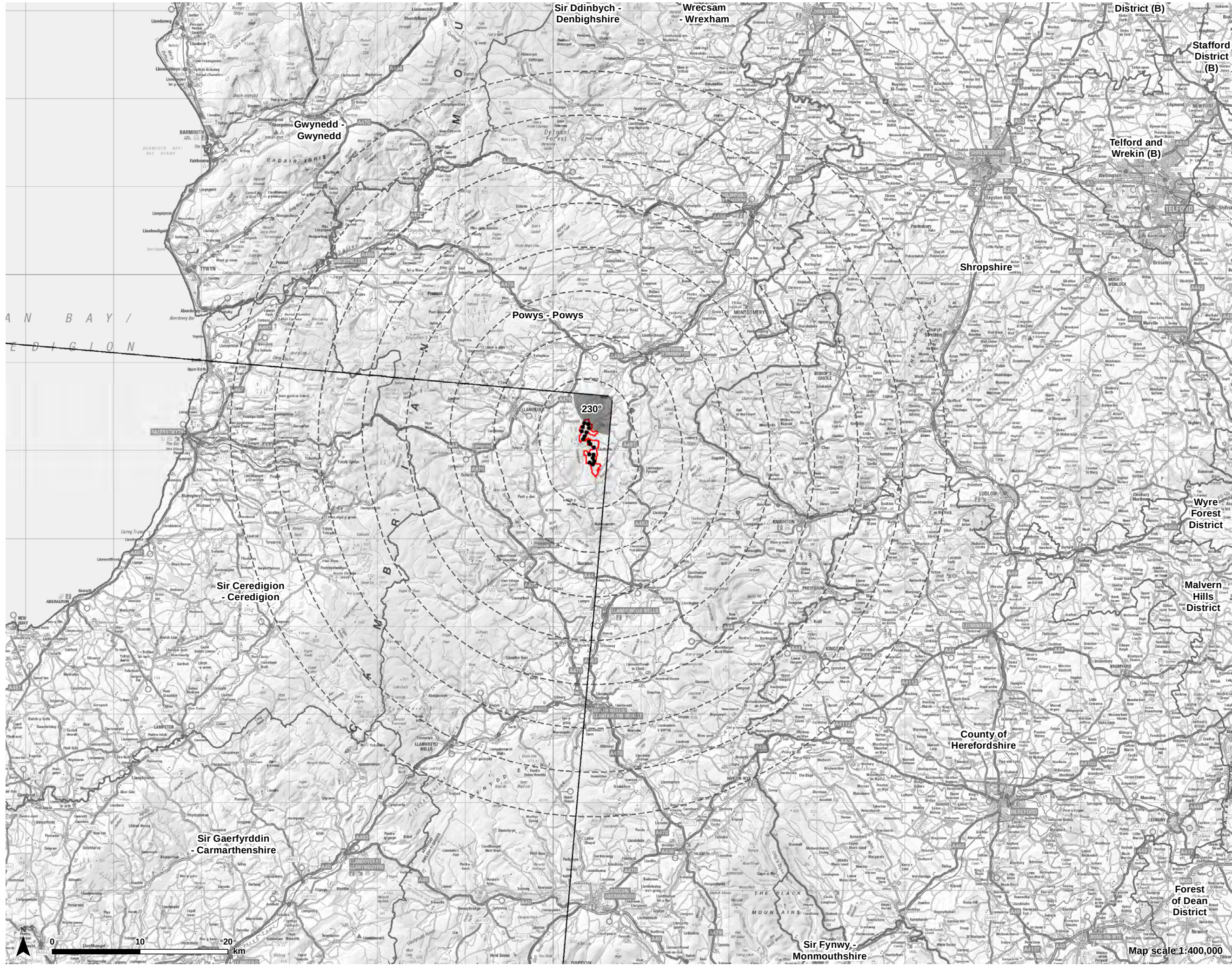


OS reference: 299891E 297780N
AOD: 476m
Direction of view: 165°
Nearest turbine: 15.1 km

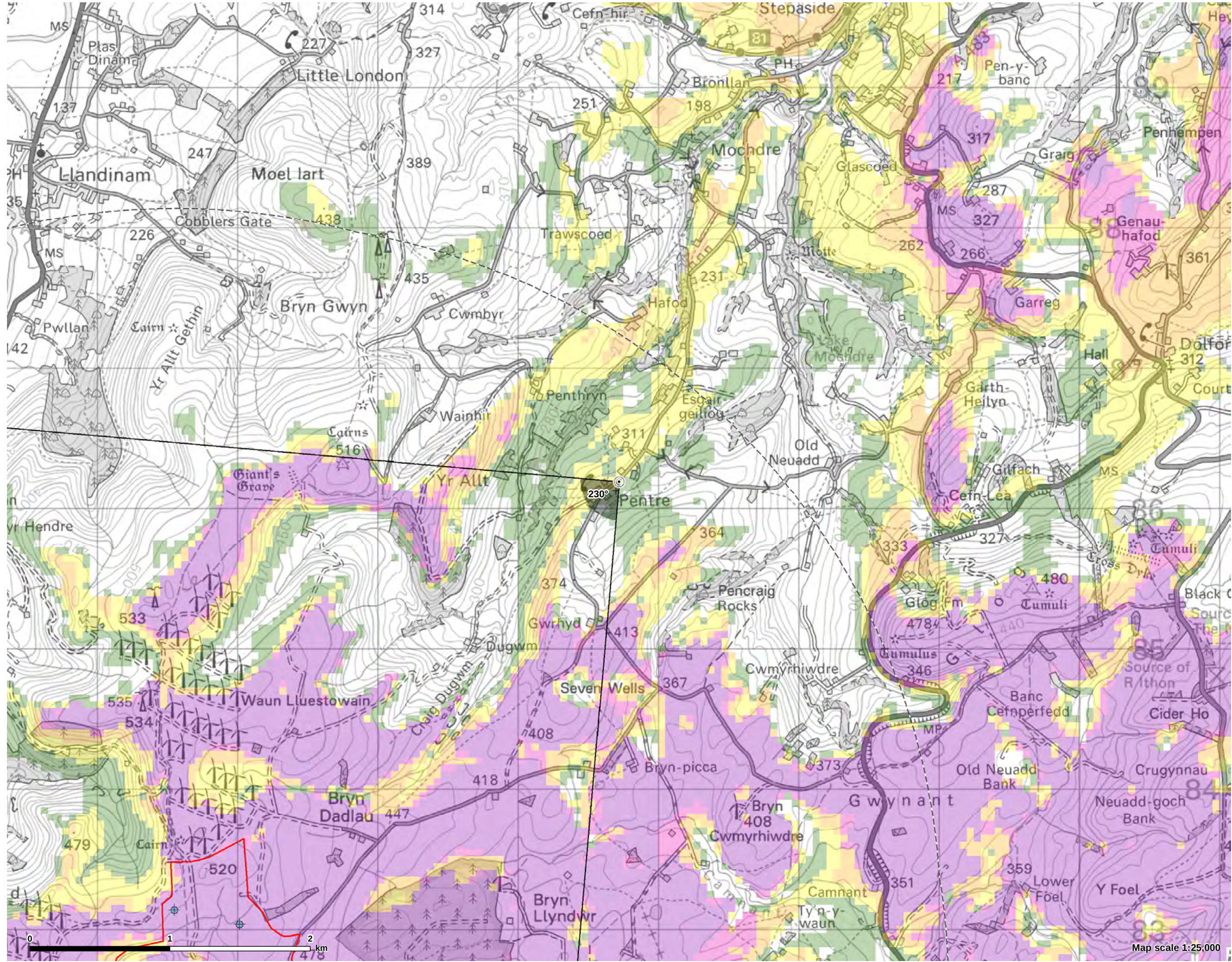
Horizontal field of view: 53.5° (planar projection)
Principal distance: 812.5 mm
Paper size: 841 x 297 mm (half A1)
Correct printed image size: 820 x 260 mm

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

Photography Date: 13/11/2020
Photography Time: 15.17pm



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Garn Fach Wind Farm LVIA



Figure: 6-43a: VP23
Pentre

- Turbine location
- Site boundary
- Viewpoint
- 5km intervals from outermost turbines
- 45km from outermost turbines
- Zone of Theoretical Visibility**
 - 1-4 Turbines are visible
 - 5-8 Turbines are visible
 - 9-12 Turbines are visible
 - 13-15 Turbines are visible
 - 16-17 Turbines are visible
- 53.5° Field of View
- 90° Field of View

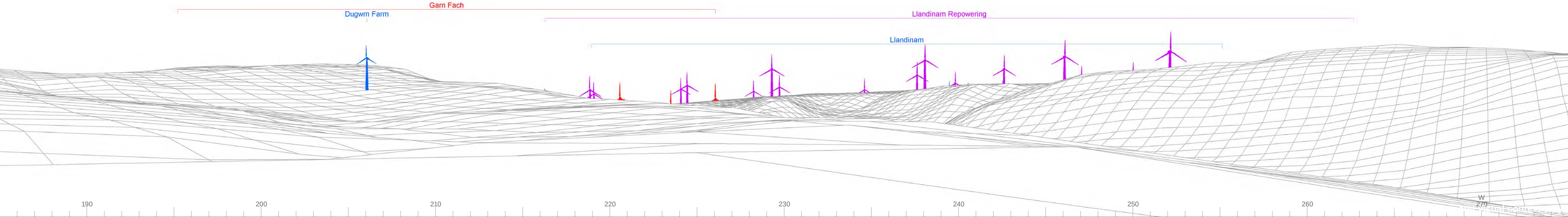
Note
The ZTV is calculated to turbine tip height (149.9m) from a viewing height of 2m above ground level. The terrain model assumes bare ground and is derived from OS Terrain 50 height data (obtained from Ordnance Survey in July 2019).

Earth curvature and atmospheric refraction have been taken into account. The ZTV was calculated using ArcMap 10.5.1 software.



CB:XX EB:Packham_B LUC:SNH_Template_Double_A3L_DDP 20/05/2021
Source:

Wireline drawing



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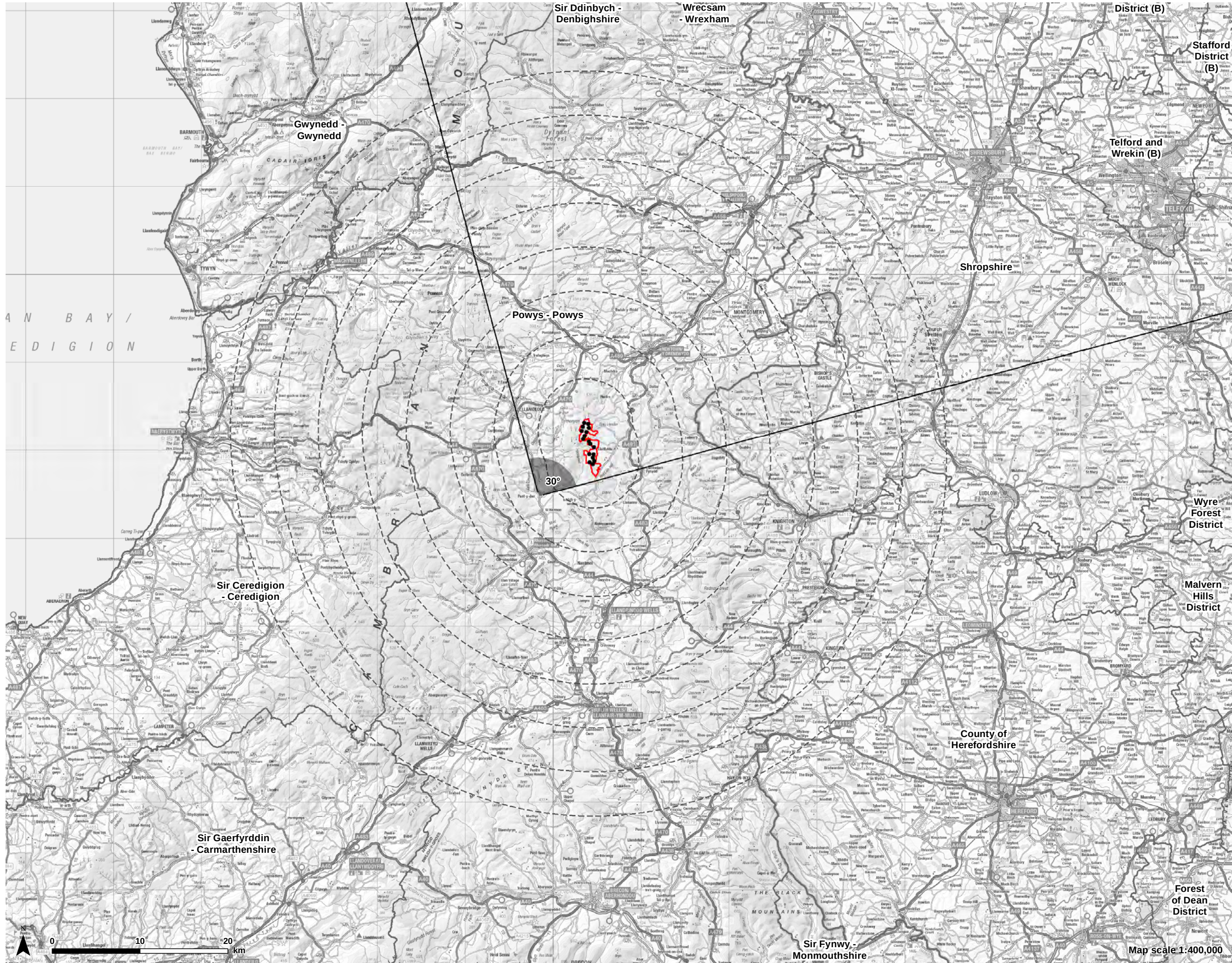
OS reference: 306719E 286194N
AOD: 319m
Direction of view: 230°
Nearest turbine: 4.2 km

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

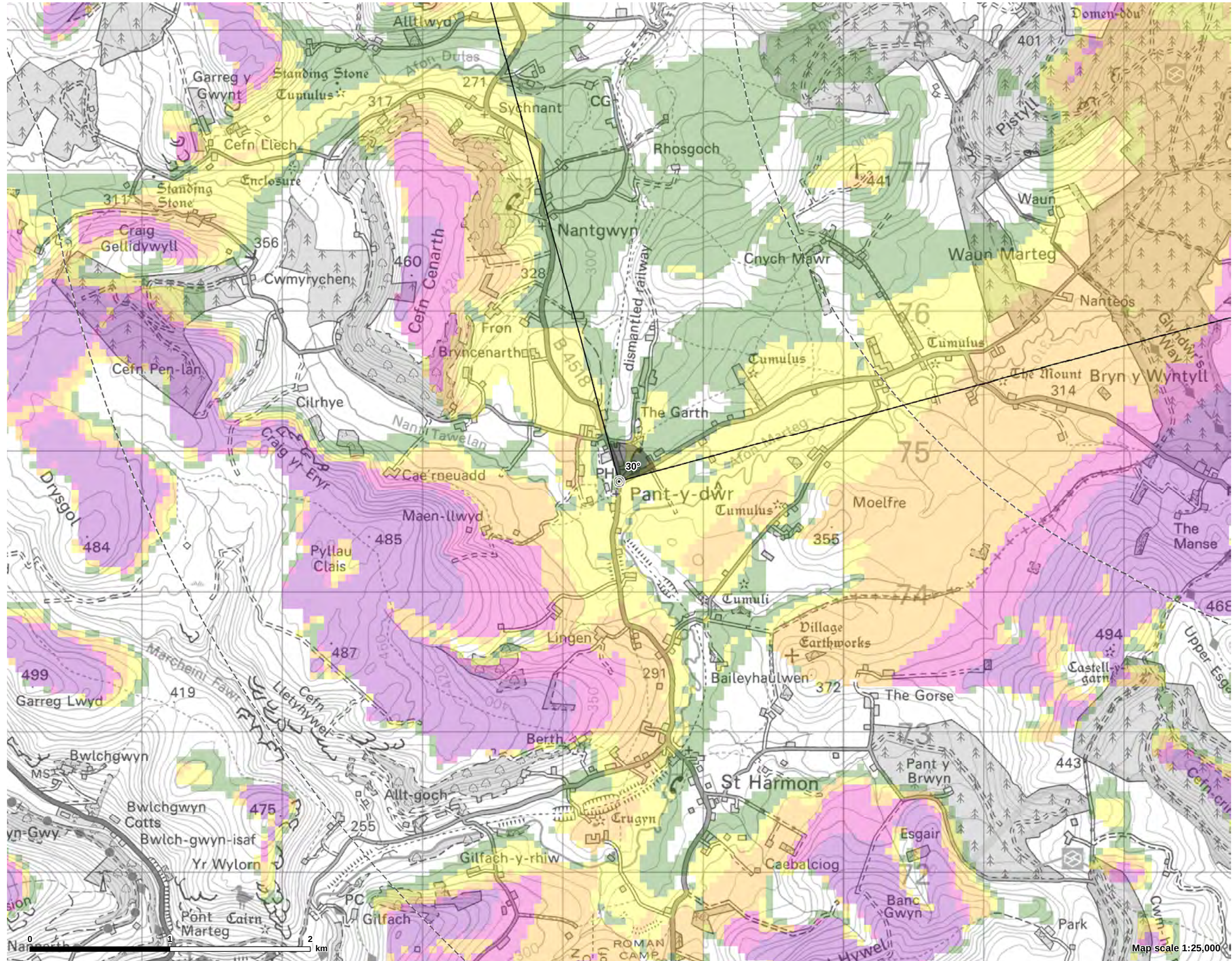
Wind Farm Developments key
(by status):

Proposed scheme
Operational
Under construction
Consented
Application
Appeal/PLI

Garn Fach
Figure: 6-43b
Viewpoint 23: Pentre



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CB:XX EB:Packham_B LUC:SNH_Template_Double_A3L_DDP 20/05/2021 Source:

Garn Fach Wind Farm LVIA



Figure: 6-44a: VP24
Pant-y-dwr

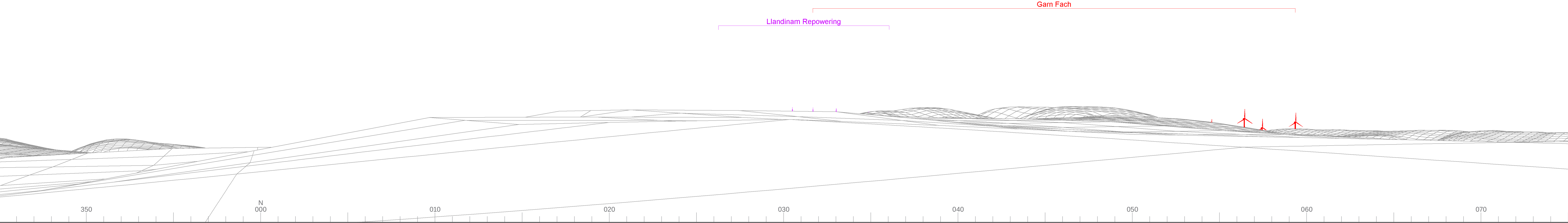
- Turbine location
- Site boundary
- Viewpoint
- 5km intervals from outermost turbines
- 45km from outermost turbines
- Zone of Theoretical Visibility**
 - 1-4 Turbines are visible
 - 5-8 Turbines are visible
 - 9-12 Turbines are visible
 - 13-15 Turbines are visible
 - 16-17 Turbines are visible
- 53.5° Field of View
- 90° Field of View

Note
The ZTV is calculated to turbine tip height (149.9m) 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).

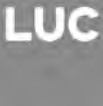
Earth curvature and atmospheric refraction have been taken into account. The ZTV was calculated using ArcMap 10.5.1 software.



Wireline drawing



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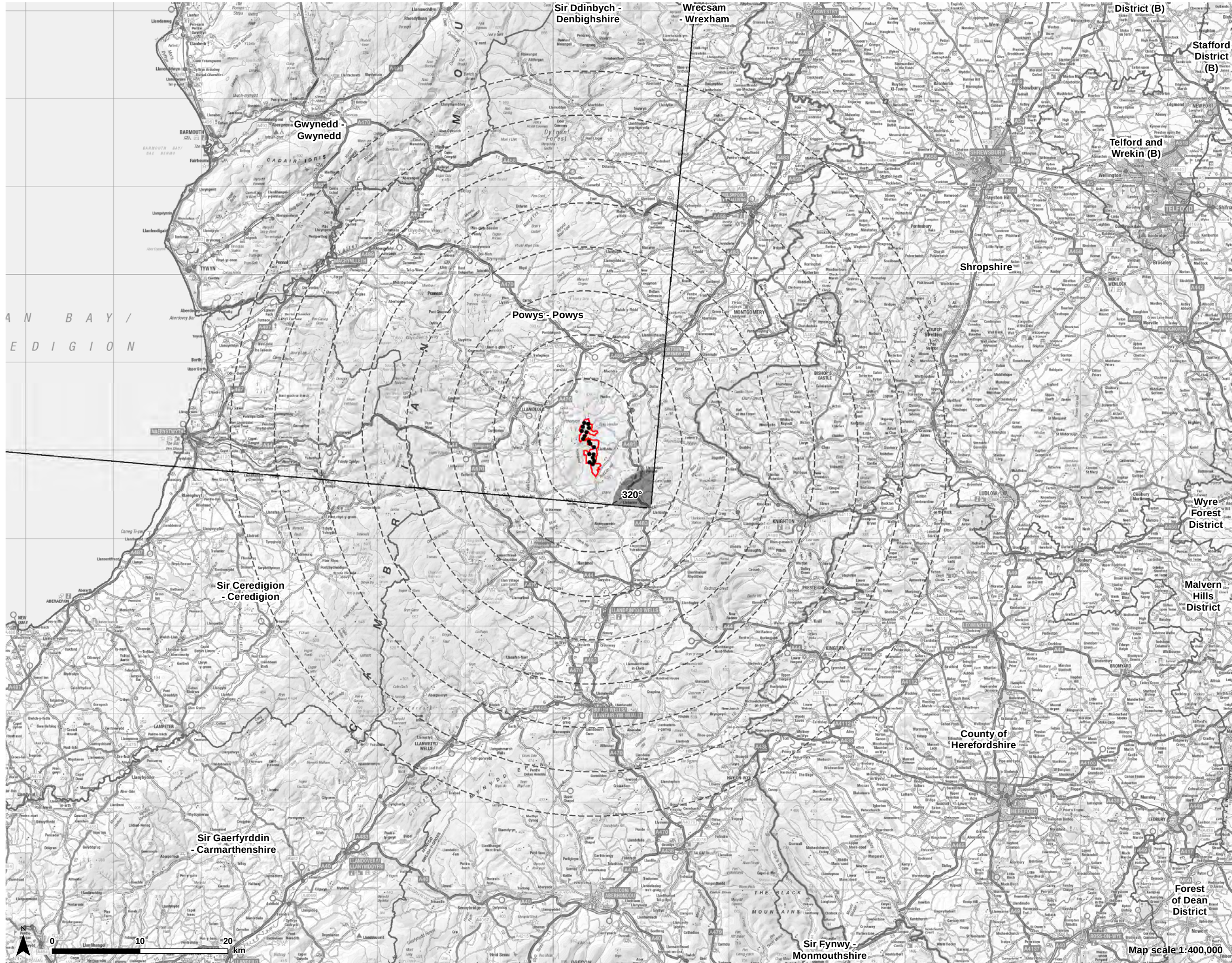
OS reference: 298401E 274784N
AOD: 290m
Direction of view: 30°
Nearest turbine: 7.0 km

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

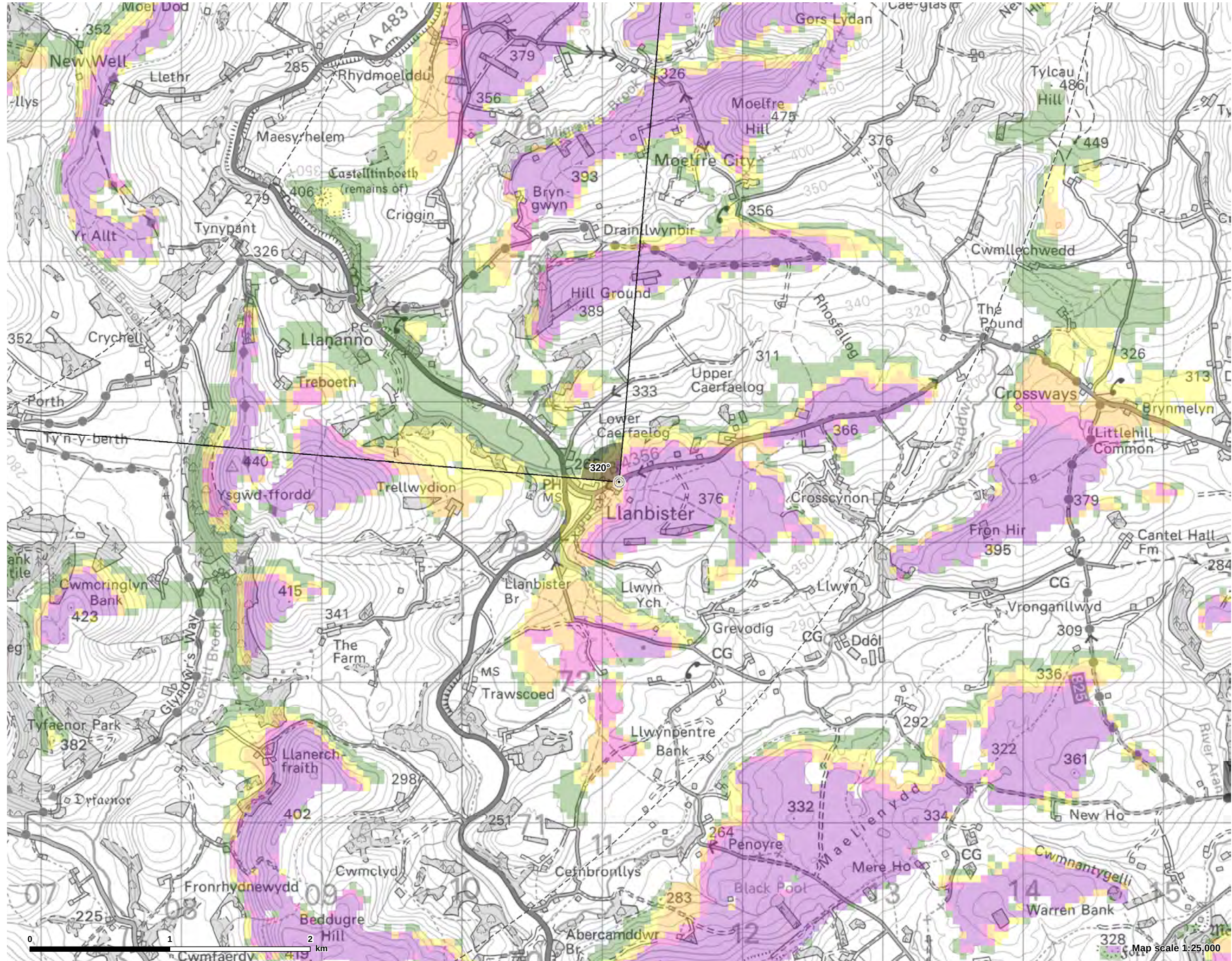
Wind Farm Developments key
(by status):

Proposed scheme
Operational
Under construction
Consented
Application
Appeal/PLI

Garn Fach
Figure: 6-44b
Viewpoint 24: Pant-y-dwr



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CB:XX EB Packham_B LUC SNH_Template_Double_A3L_DDP 20/05/2021 Source:

Garn Fach Wind Farm LVIA



Figure: 6-45a: VP25 Llanbister

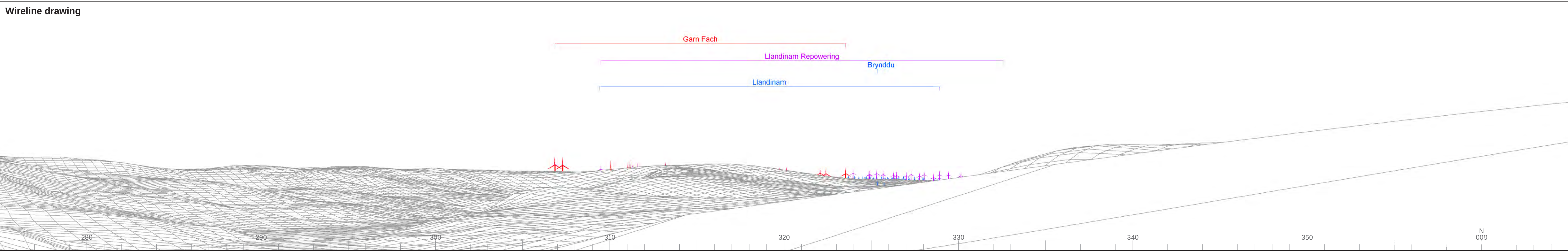
- Turbine location
- Site boundary
- Viewpoint
- 5km intervals from outermost turbines
- 45km from outermost turbines
- Zone of Theoretical Visibility**
 - 1-4 Turbines are visible
 - 5-8 Turbines are visible
 - 9-12 Turbines are visible
 - 13-15 Turbines are visible
 - 16-17 Turbines are visible
- 53.5° Field of View
- 90° Field of View

Note
The ZTV is calculated to turbine tip height (149.9m) 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 10.5.1 software.



Wireline drawing



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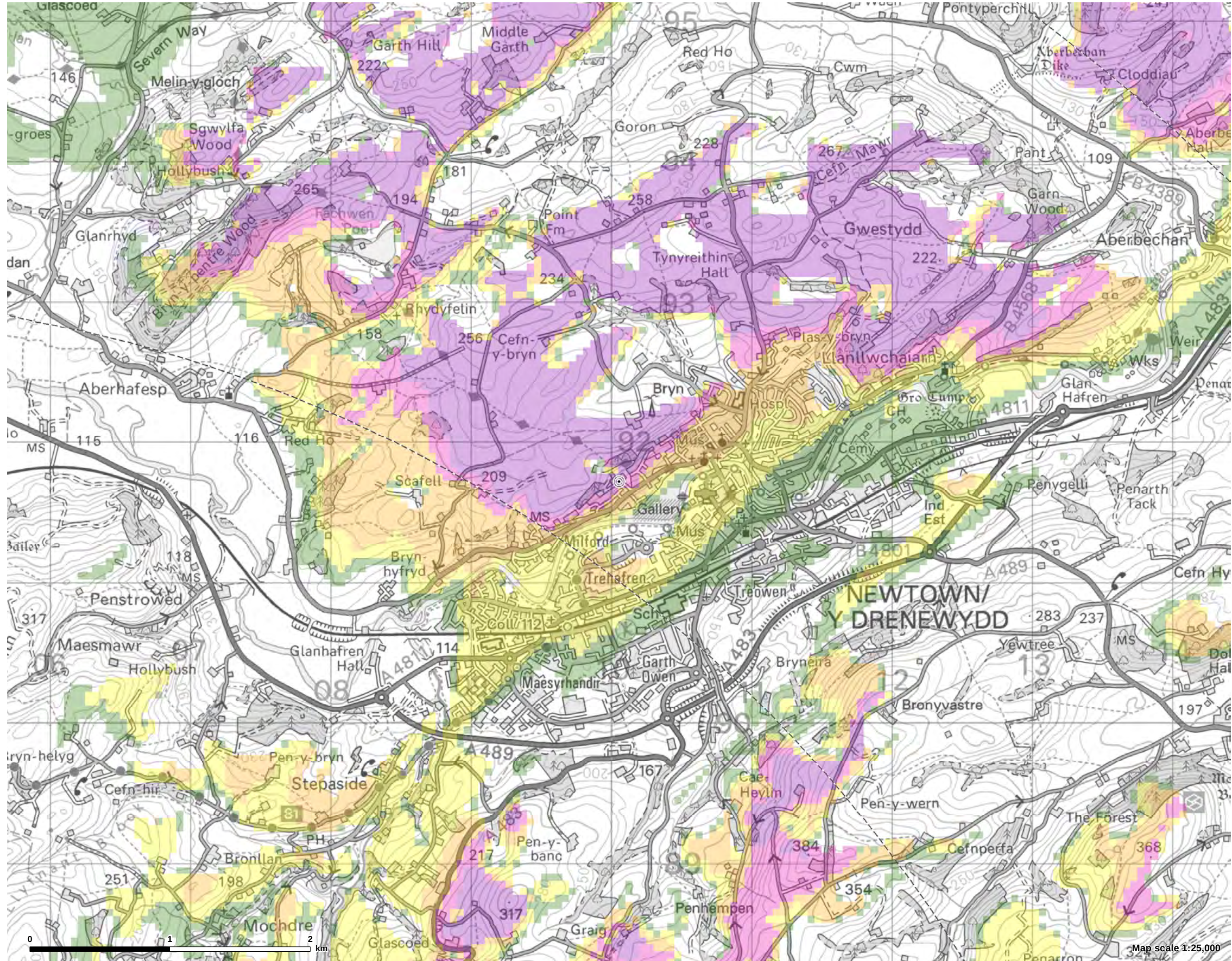
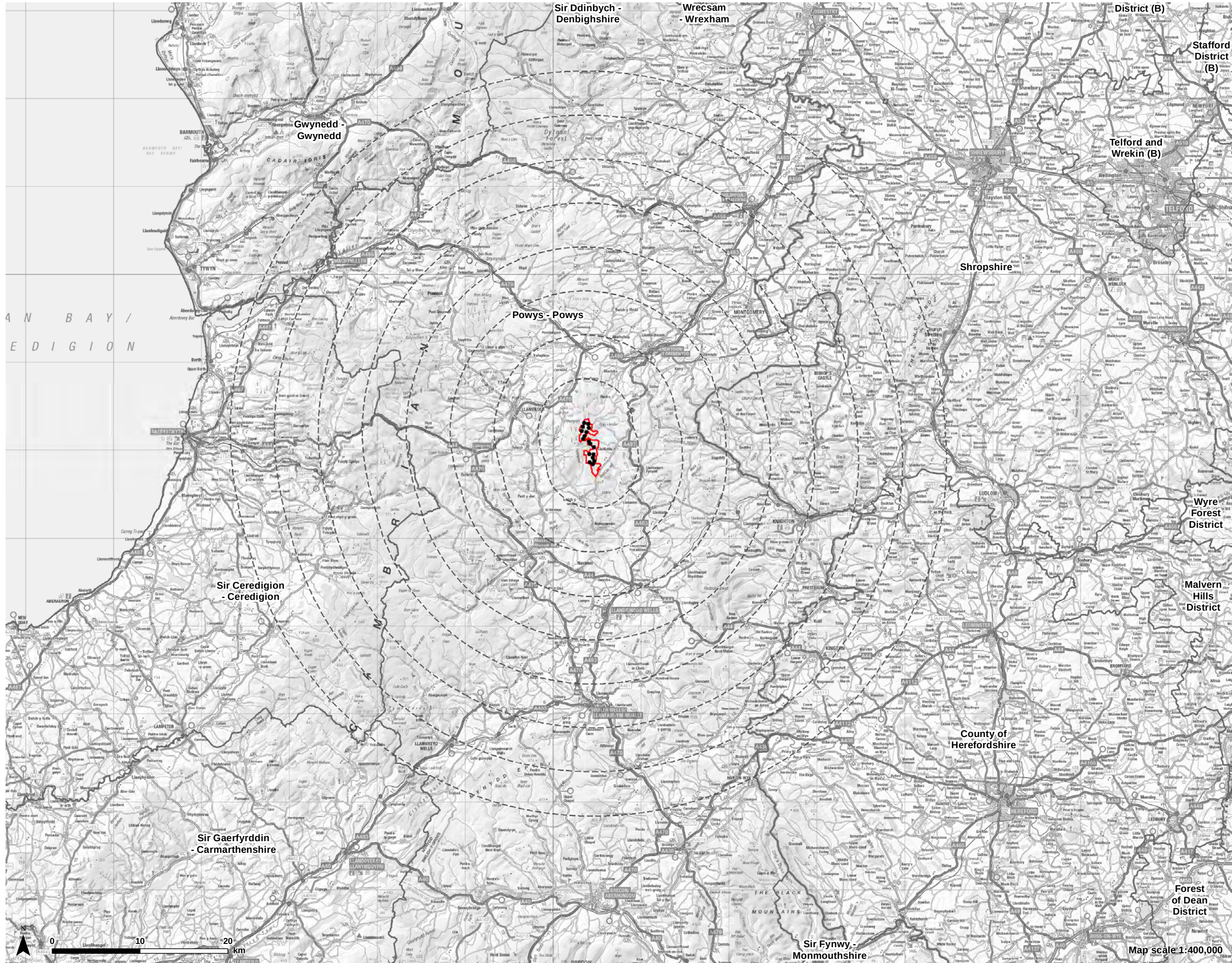
OS reference: 311120E 273431N
AOD: 320m
Direction of view: 320°
Nearest turbine: 8.3 km

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
Application
Appeal/PLI

Garn Fach
Figure: 6-45b
Viewpoint 25: Llanbister



Gar Fach Wind Farm LVIA



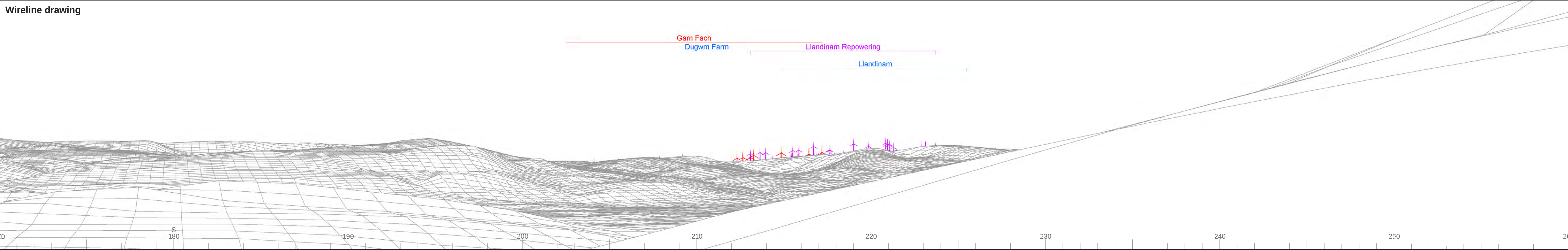
Figure: 6-46a: VP26
Newtown

- Turbine location
- Site boundary
- Viewpoint
- 5km intervals from outermost turbines
- 45km from outermost turbines
- Zone of Theoretical Visibility**
 - 1-4 Turbines are visible
 - 5-8 Turbines are visible
 - 9-12 Turbines are visible
 - 13-15 Turbines are visible
 - 16-17 Turbines are visible
- 53.5° Field of View
- 90° Field of View

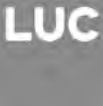
Note
The ZTV is calculated to turbine tip height (149.9m) from a viewing height of 2m above ground level. The terrain model assumes bare ground and is derived from OS Terrain 50 height data (obtained from Ordnance Survey in July 2019).

Earth curvature and atmospheric refraction have been taken into account. The ZTV was calculated using ArcMap 10.5.1 software.





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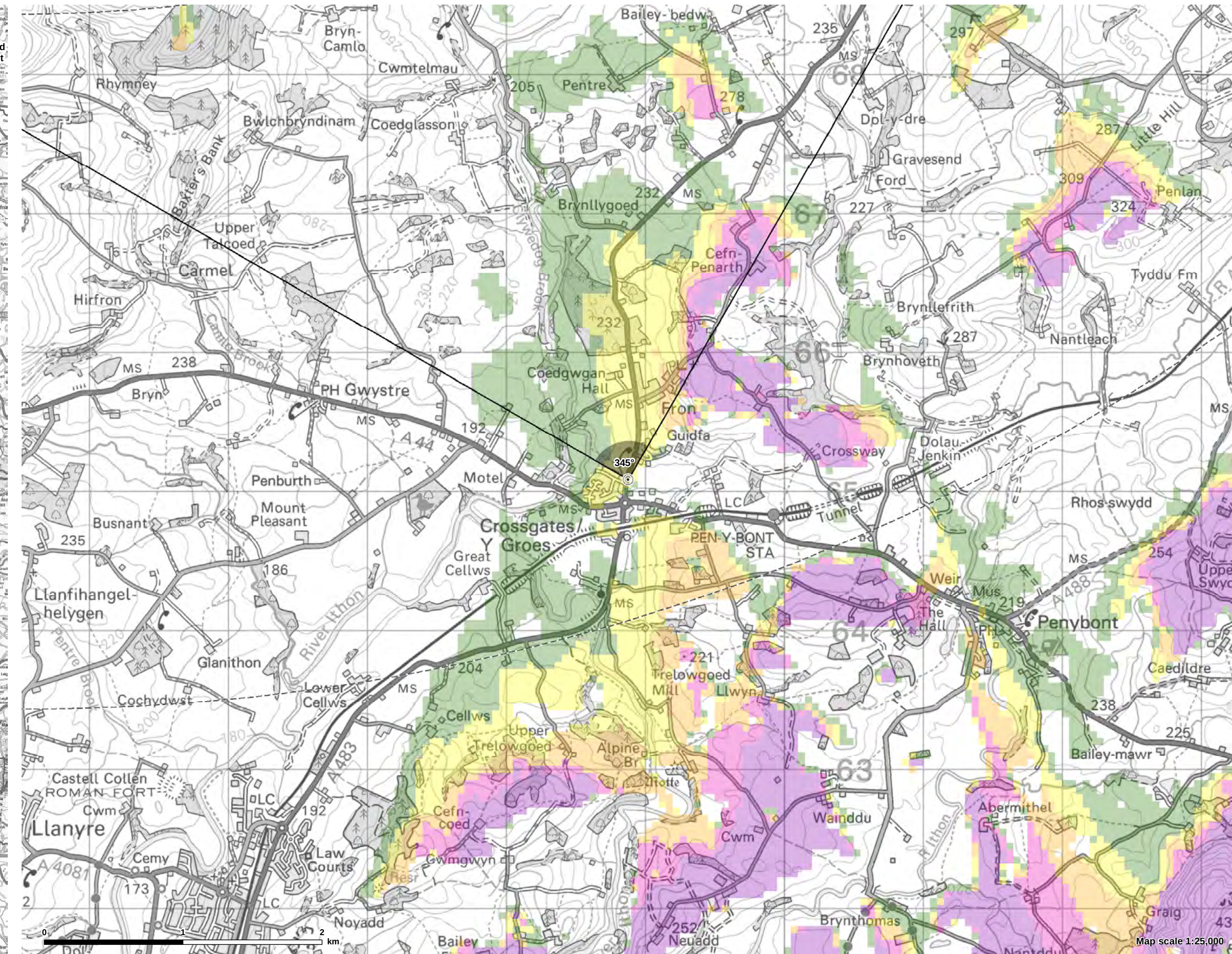
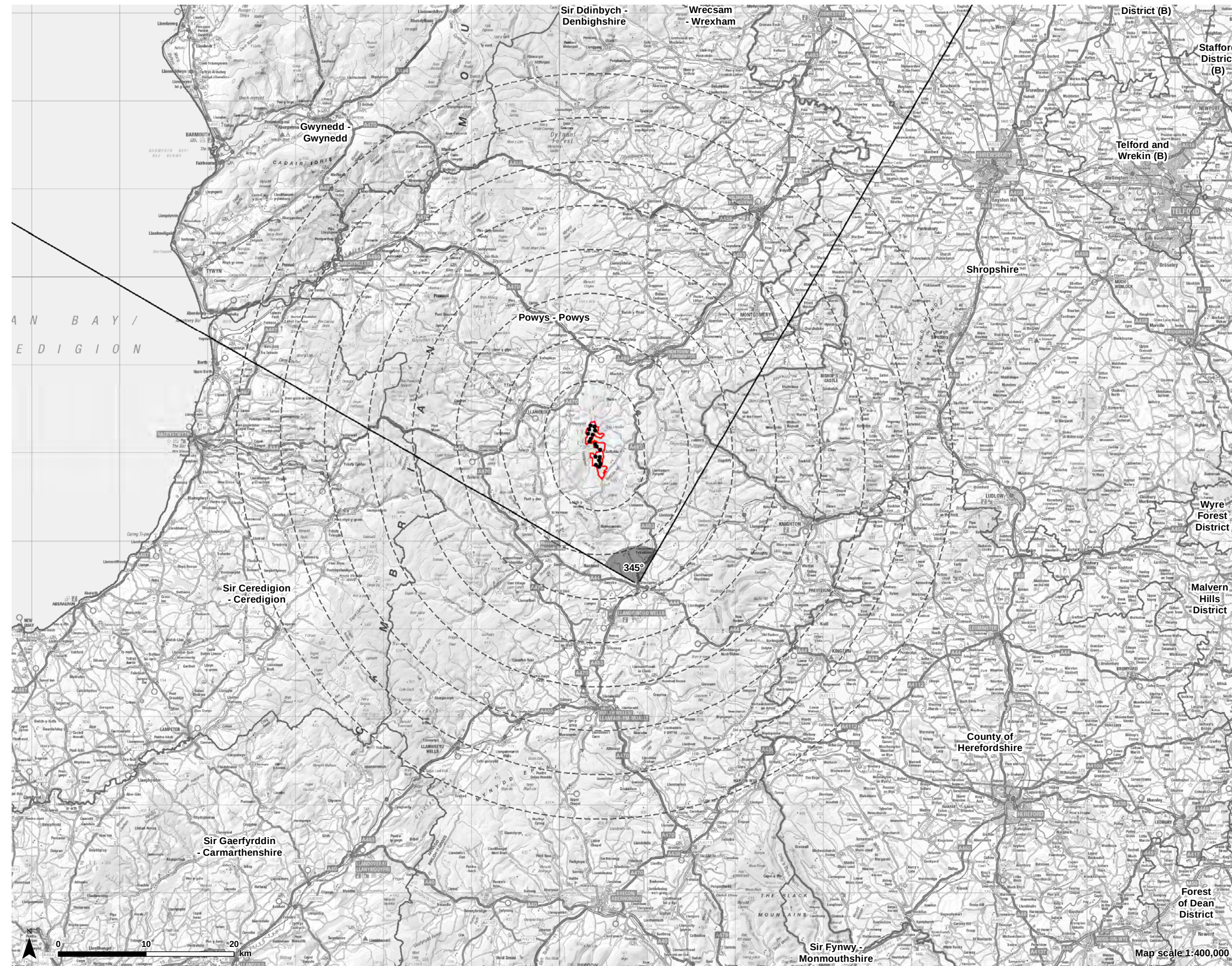
OS reference: 310054E 291721N
AOD: 143m
Direction of view: 215°
Nearest turbine: 10.6 km

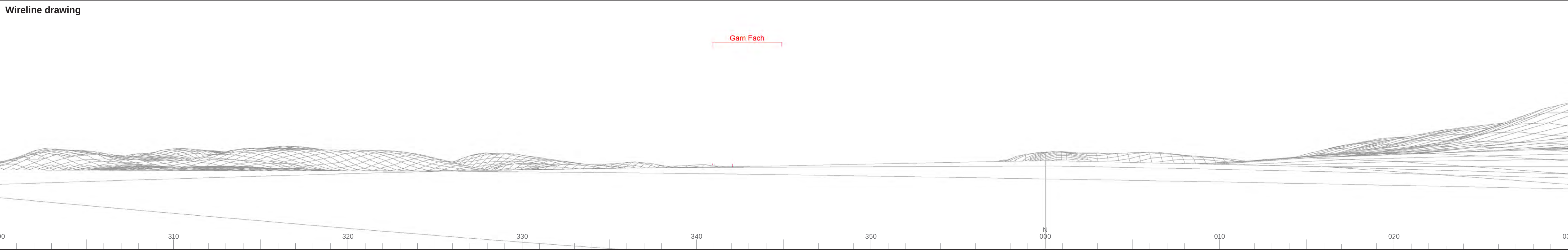
Horizontal field of view: 90° (cylindrical projection)
Principal distance: 522 mm
Paper size: 841 x 297 mm (half A1)
Correct printed image size: 820 x 260 mm

Wind Farm Developments key
(by status):

Proposed scheme
Operational
Under construction
Consented
Application
Appeal/PLI

Garn Fach
Figure: 6-46b
Viewpoint 26: Newton





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OS reference: 308875E 265089N
AOD: 205m
Direction of view: 345°
Nearest turbine: 14.0 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
Application
Appeal/PLI

Garn Fach
Figure: 6-47b
Viewpoint 27: Crossgates