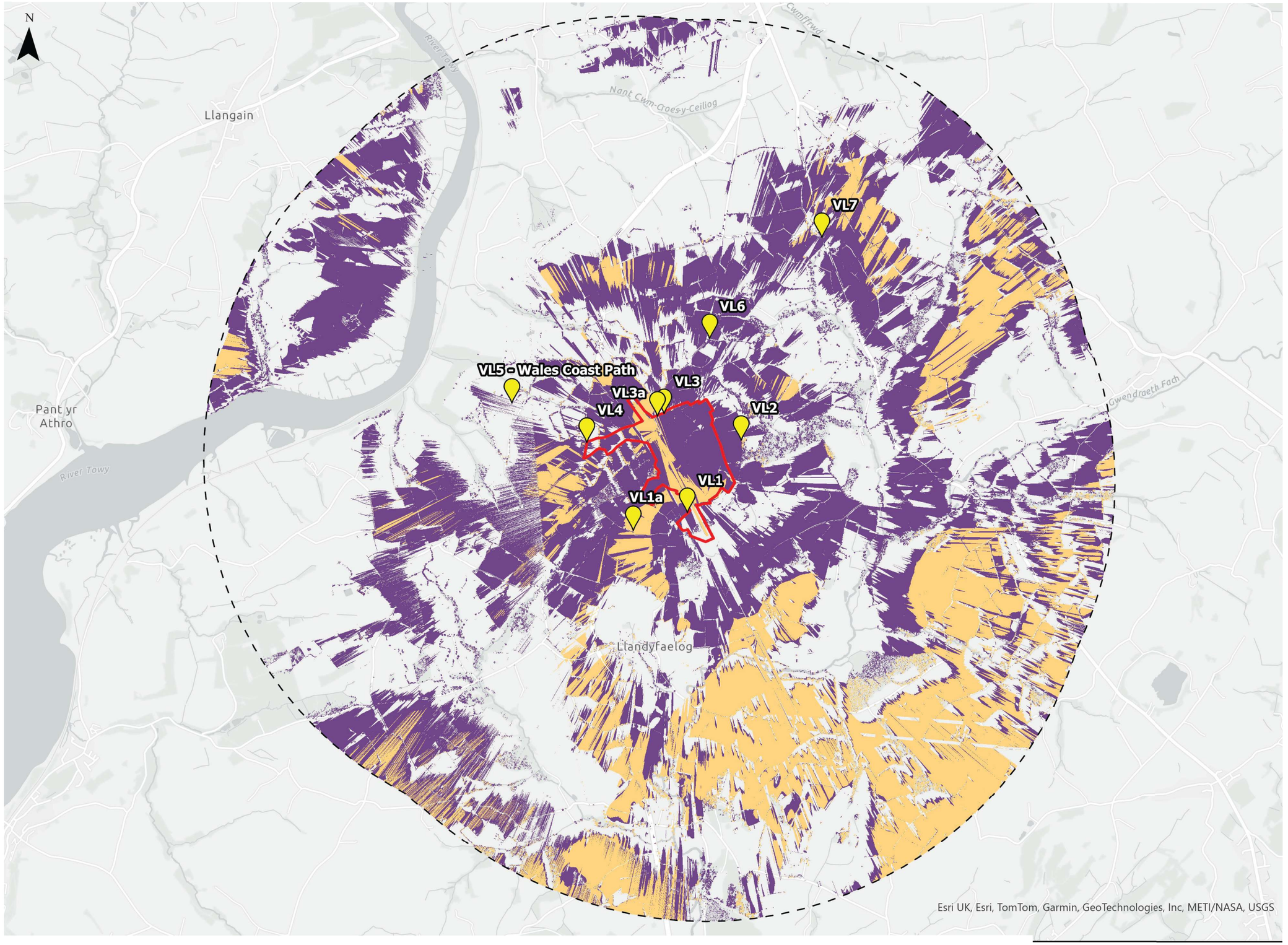

LEGEND:

- Site boundary
- 3km Study area

Zone of Theoretical Visibility:

- Viewshed of proposed towers
- Viewshed of existing towers

NOTES:

1) This ZTV was run on a Digital Surface Model (DSM) using DataMap Wales DSM LiDAR, March 2023, Open Government Licence (Available: https://datamap.gov.wales/maps/lidar-viewer/)
2) The ZTV was created using ESRI ArcGIS Pro version 3.4.3 Spatial Analyst tool.
3) The ZTV illustrates the area of theoretical visibility of the existing pylons:
   - Pylon 4YV164 set to 53m
   - Plyon 4YV165 set to 48m
   - Pylon 4YV167 set to 50m
   - Pylon 4YV168 set to 59m

And the area of theoretical visibility for the following proposed pylons:

   - Pylons 4YV165A and 4YV166A, set to 62m height.
   - Tower 4YV165B set to 18m height.
   - Gantries set to 15.5m height.

4) Observer height was set to 1.6m.
5) Viewsheds have been clipped to a 3km study area.
6) The ZTV analysis remains only as a tool in the visual appraisal of the project. It's accuracy is limited to the digital information that it has been based upon and the algorithm used in it's calculation.

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Figure L4a: Zone of Theoretical Visibility

Stantec

Client	nationalgrid
Drawing No	331201082_L4a
Date	24.09.2025
Drawn by	MB
Checked by	RW
Scale	1:30,000
Revision B	
Drawing Status	DRAFT

0 0.5 1 2 km

Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributers, and the GIS User Community

LEGEND:

- Site boundary
- 3km Study area

Zone of Theoretical Visibility:

- Viewshed of proposed elements

NOTES:

1) This ZTV was run on a Digital Surface Model (DSM) using DataMap Wales DSM LiDAR, March 2023, Open Government Licence (Available: https://datamap.gov.wales/maps/lidar-viewer/)
2) The ZTV was created using ESRI ArcGIS Pro version 3.4.3 Spatial Analyst tool.
3) The ZTV illustrates the area of theoretical visibility of the following proposed elements:
   - 132kv Gantries set to 8m height.
   - Busbars set to 12m height.
   - Control Room layout set to 7m height.
4) Observer height was set to 1.6m.
5) Viewsheds have been clipped to a 3km study area.
6) The ZTV analysis remains only as a tool in the visual appraisal of the project. It's accuracy is limited to the digital information that it has been based upon and the algorithm used in it's calculation.

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Figure L4b: Zone of Theoretical Visibility

Stantec

Client	nationalgrid
Drawing No	331201082_L4b
Date	24.09.2025
Drawn by	MB
Checked by	RW
Scale	1:30,000
Revision	B
Drawing Status	DRAFT

0 0.5 1 2 km

Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributers, and the GIS User Community

Approximate extents of Application Site

Footpath 29/14/2

Photograph continued on following sheet

View Location 1

Sheet 1 of 2

331201429 - Llandyfaelog Substation

Figure L5: Photosheets Sheet 1 of 16

NOTE: All photographs have been taken using a Canon EOS 6D Mk II full-frame digital camera using a Canon EF 50mm f/1.8 STM which is a fixed focal-length lens.

The image here is representative of a 90 degree panorama presented at a width of 820mm with an image sizing of 96%. Panoramas may have been cropped but have not been manipulated beyond basic image processing.

Stantec

Client: nationalgrid

Viewpoint grid ref:	E 241957, N 212821	Drawing Ref:	331201429_L5
		Rev:	P01
Sheet Size:	A1 Landscape	Date:	03.07.2025
		Drawn:	CC
Photographs taken:	30.05.2024	Checked:	RW

DOCUMENT PATH: xx

Approximate extents of Application Site

Photograph continued on previous sheet

View Location 1

Sheet 2 of 2

331201429 - Llandyfaelog Substation

Figure L5: Photosheets Sheet 2 of 16

NOTE: All photographs have been taken using a Canon EOS 6D Mk II full-frame digital camera using a Canon EF 50mm f/1.8 STM which is a fixed focal-length lens.

The image here is representative of a 90 degree panorama presented at a width of 820mm with an image sizing of 96%. Panoramas may have been cropped but have not been manipulated beyond basic image processing.

Stantec

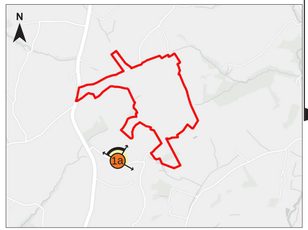
Client: nationalgrid

Viewpoint grid ref:	E 241957, N 212821	Drawing Ref:	331201429_L5
		Rev:	P01
Sheet Size:	A1 Landscape	Date:	03.07.2025
		Drawn:	CC
Photographs taken:	30.05.2024	Checked:	RW

DOCUMENT PATH: xx

Approximate extents of Application Site

Photograph continued on following sheet



View Location 1a

Sheet 1 of 2

331201429 - Llandyfaelog Substation

Figure L5: Photosheets Sheet 3 of 16

NOTE: All photographs have been taken using a Canon EOS 6D Mk II full-frame digital camera using a Canon EF 50mm f/1.8 STM which is a fixed focal-length lens.

The image here is representative of a 90 degree panorama presented at a width of 820mm with an image sizing of 96%. Panoramas may have been cropped but have not been manipulated beyond basic image processing.

Stantec

Client: nationalgrid

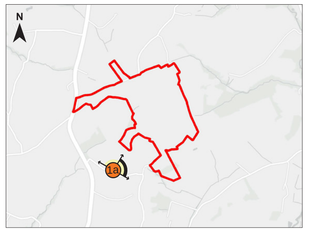
Viewpoint grid ref:	E 241528, N212678	Drawing Ref:	331201429_L5
		Rev:	P01
Sheet Size:	A1 Landscape	Date:	03.07.2025
		Drawn:	CC
Photographs taken:	30.05.2024	Checked:	RW

DOCUMENT PATH: xx

Approximate extents of Application Site

Cwmafael Farm

Photograph continued on previous sheet



View Location 1a
Sheet 2 of 2

331201429 - Llandyfaelog Substation

Figure L5: Photosheets Sheet 4 of 16

NOTE: All photographs have been taken using a Canon EOS 6D Mk II full-frame digital camera using a Canon EF 50mm f/1.8 STM which is a fixed focal-length lens.

The image here is representative of a 90 degree panorama presented at a width of 820mm with an image sizing of 96%. Panoramas may have been cropped but have not been manipulated beyond basic image processing.

Stantec

Client: nationalgrid

Viewpoint grid ref:	E 241528, N212678	Drawing Ref:	331201429_L5
		Rev:	P01
Sheet Size:	A1 Landscape	Date:	03.07.2025
		Drawn:	CC
Photographs taken:	30.05.2024	Checked:	RW

DOCUMENT PATH: xx