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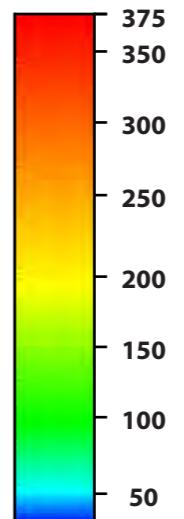
Ely Valley Solar Farm, Llantrisant

Landscape and Visual Impact Assessment



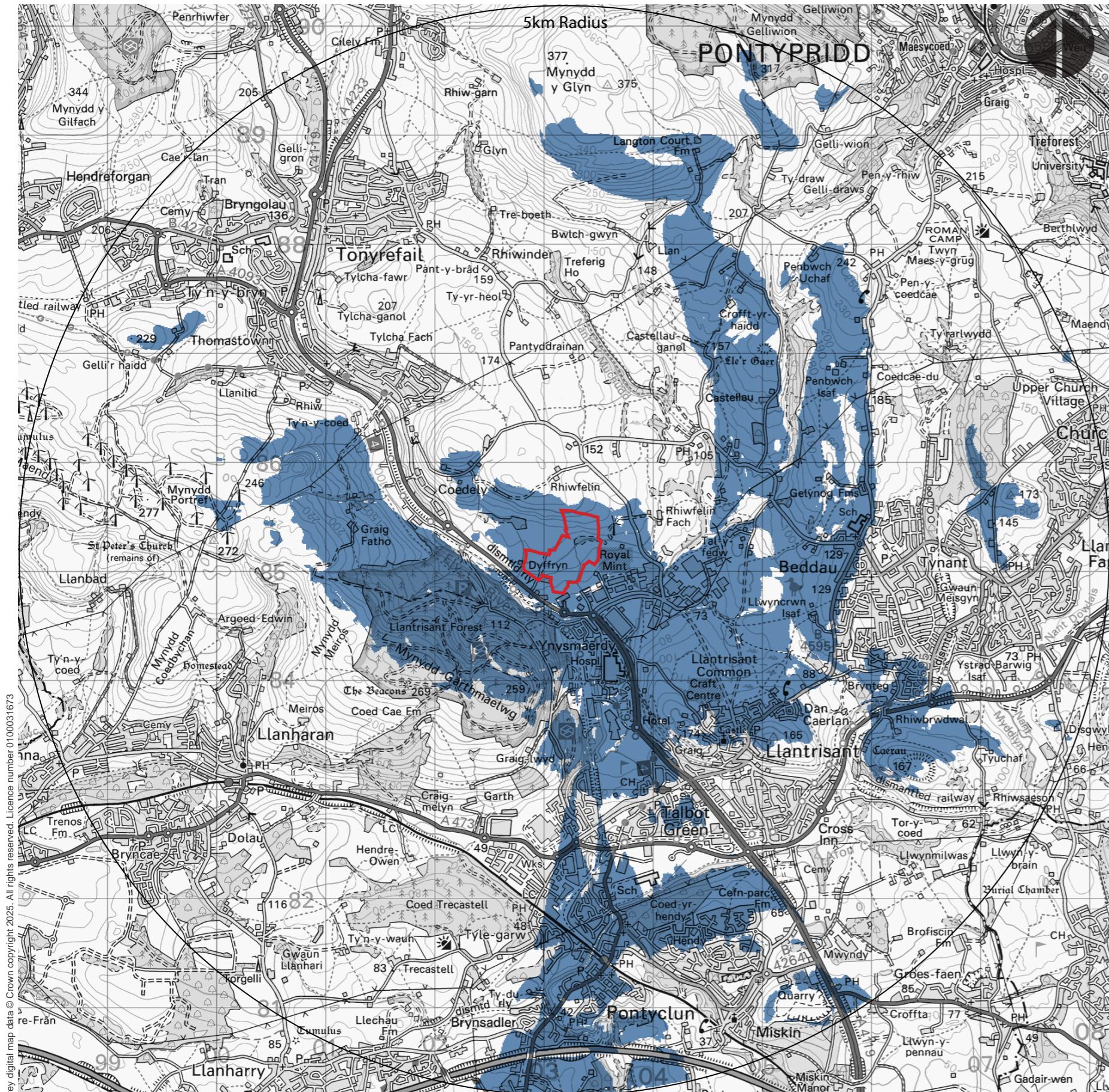
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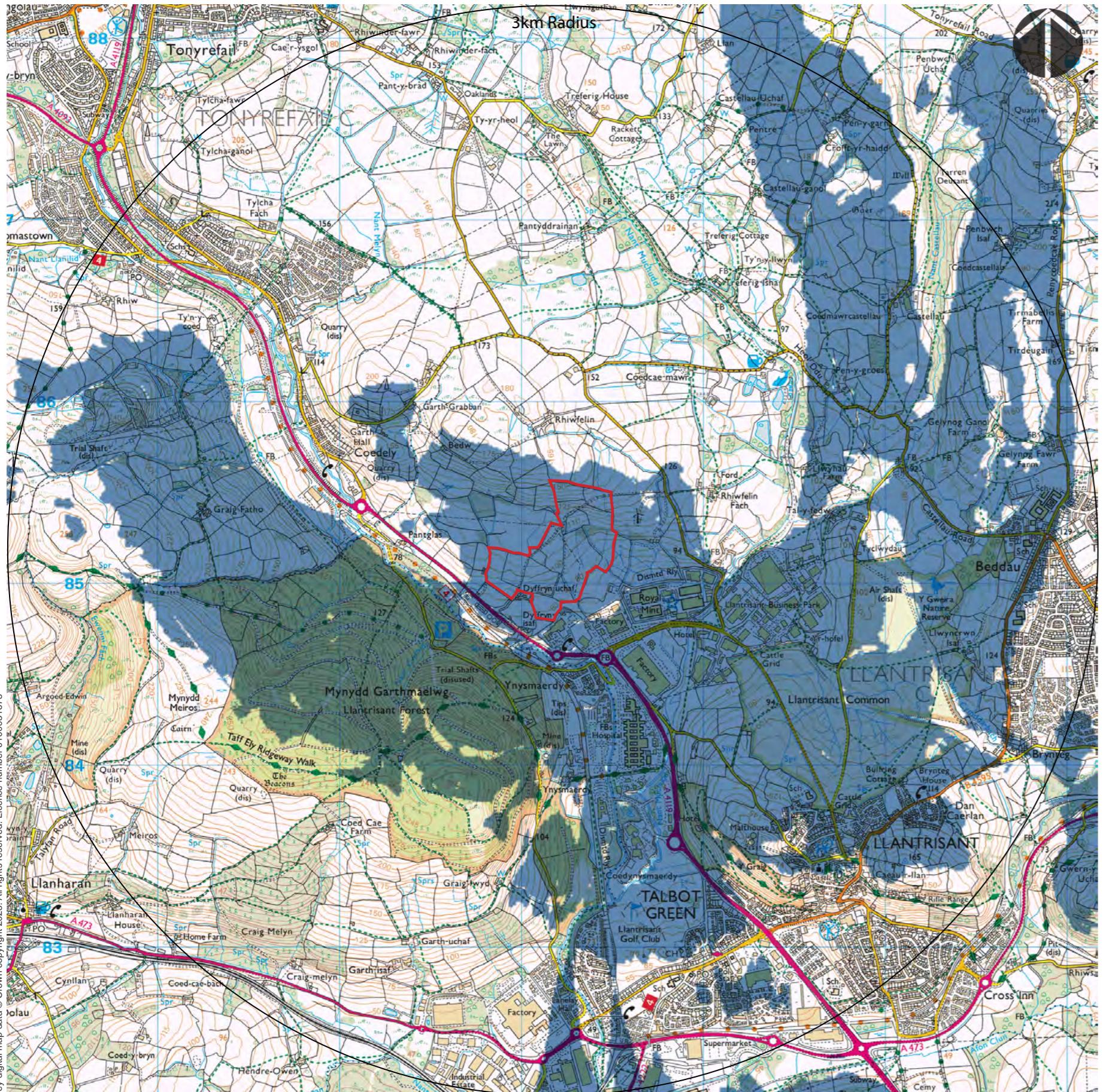
Site Location



metres
Above
Ordnance
Datum
m(AOD)

Layout Information





Zone of Visual Influence - Bare Earth Calculation

Ely Valley Solar Farm, Llantrisant

Landscape and Visual Impact Assessment



Key:



Site Location



Theoretical visibility

Layout Information

The terrain data used EA LIDAR 2m DTM.

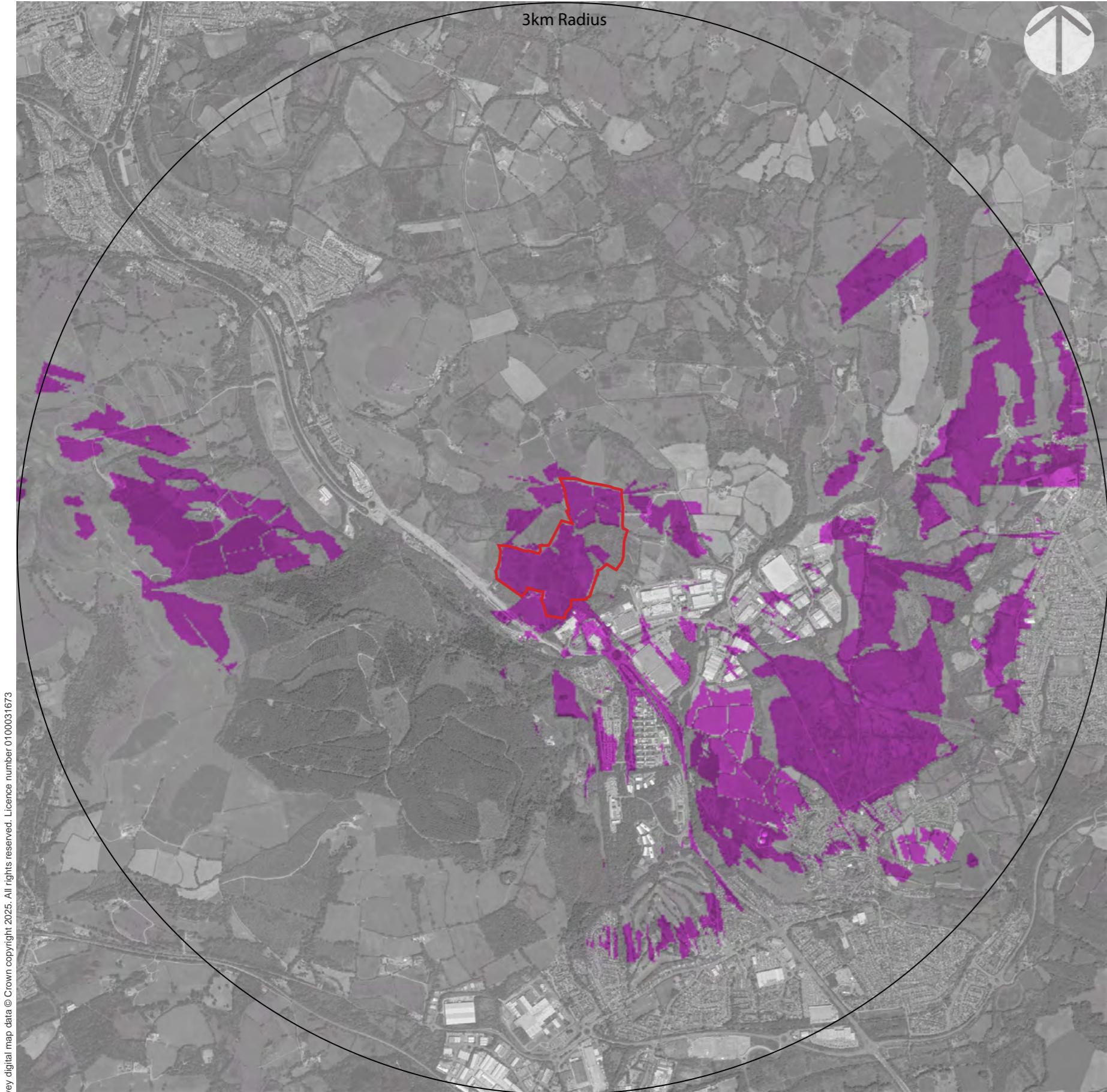
Viewer height used in calculation 1.60m.

The site consists of a 2m solar panels above existing ground levels. 300 Target Points spread evenly across the solar farm location.

This ZTV does not include the screening effects of buildings or vegetation in the study area.

The calculation takes into account the effects of the curvature of the earth and light refraction. The calculation does not use mathematically approximate methods.





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Zone of Visual Influence - Visual Buffers Calculation

Key:



Site Location



Theoretical visibility

Layout Information

The terrain data used EA LIDAR 2m DTM.

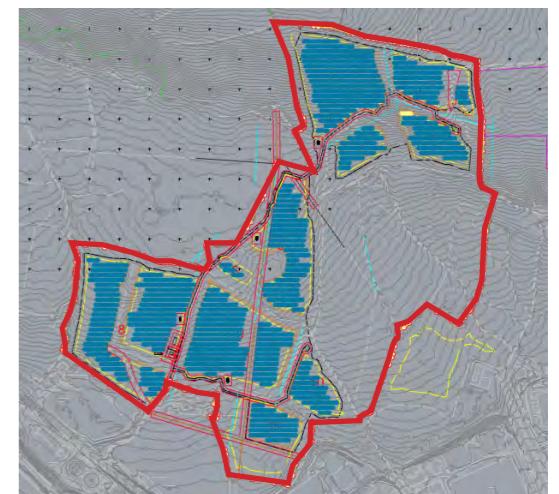
Viewer height used in calculation 1.60m.

The site consists of a 2m solar panels above existing ground levels.
300 Target Points spread evenly across the solar farm location.

This ZTV includes the screening effects of buildings in the study area.

Buildings 9m
Woodland 12m
Hedgerows 2m
Unmanaged Hedgerows 5m

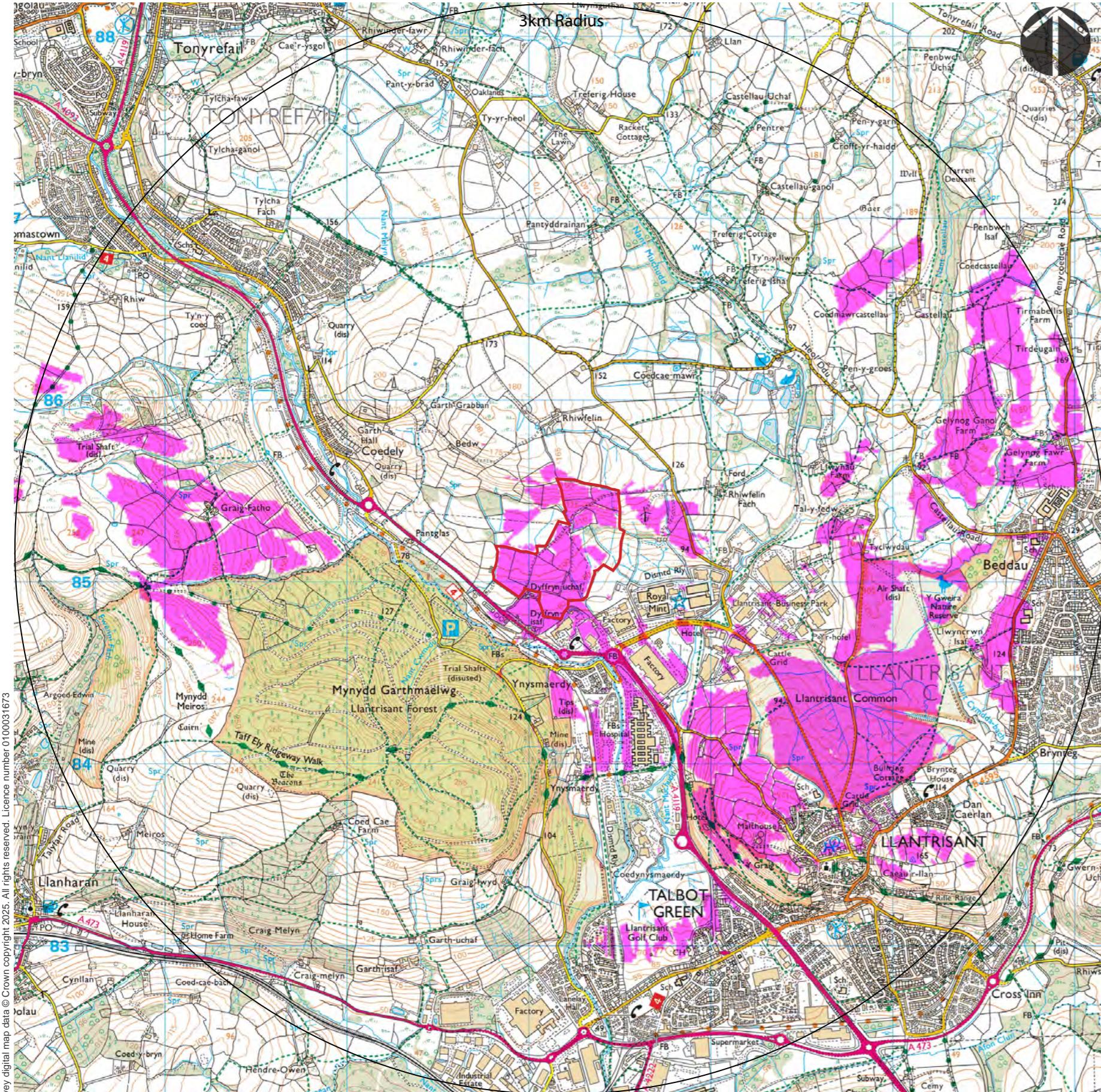
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Ely Valley Solar Farm, Llantrisant
Landscape and Visual Impact Assessment

Sirius Planning

MSE
your means to envision



Zone of Visual Influence - Visual Buffers Calculation

Key:



Site Location



Theoretical visibility

Layout Information

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Buildings 9m
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Hedgerows 2m
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Zone of Visual Influence - Target Points and Shapefiles used in Visual Buffers Calculation

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