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**Photowire Visualisation Booklet**  
Proposed Gannow Renewable  
Energy Development

## Photowire

Methodology – What are Photowires and how are they produced?

Photowires are early-stage photomontage visualisations (classified as ‘Type 3 Visualisations’ in the LI TGN 06/19, 2019).

Photowires are a combination of panoramic photographic images and a ‘wireline’. A wireline is the model of the proposed turbines accurately scaled and positioned within a digital elevation model (topographic model) as seen from a viewpoint. Photowires are produced by positioning and overlaying the wireline on top of the stitched photographic imagery captured from a viewpoint location.

Characteristics of Photowires - Early-stage and Draft Visualisations

The photowire imagery in this Appendix are draft, therefore:

- No rendering is applied to the imagery to make the turbines photorealistic – hence the orange colour;
- These photowires only include the cumulative turbines of the Proposed Gannow Renewable Energy Development – all other cumulative wind farms have been excluded from these photowires;
- The wireline element of the Photowire only accounts for screening from topography in the elevation model;
- The wireline overlaid the photograph is shown on top of the panoramic photograph, in front of above ground elements of the landscape e.g. vegetation screening and the built environment. Therefore, the photowire shows where the proposed turbines are located relative to the viewpoint but are seen in front of above ground features which would visually screen them from view, in reality on the ground.

### Utility of Photowires for LVIA

The 7 No. photowires are presented within this Appendix are useful visual aids for the discussion of visual effects included in the Landscape and Visual Impact Assessment (LVIA) chapter. The location of photowire viewpoints in this Appendix are marked as orange icons in mapping figures throughout the LVIA chapter and Appendices, labelled as ‘PW’ (e.g., PW-A to PW-G).

### Presentation of Photowires in this Appendix

The photowires in this appendix are presented on A3 paper. In accordance with the Landscape Institute Technical Guidance Note 06/19 (LI, 2019), the photowires are presented within a horizontal field of view comprising 90 degrees and vertical field of view comprising 27 degrees and are scaled according to the guidance set out in table 5 of the LI TGN 06/19 (LI, 2019).

### Viewpoints Captured in 2024 and 2025

A total of 7 No. supplementary viewpoint images have been captured for this Landscape and Visual Impact Assessment chapter between November 2023 and April 2025. These are presented as photowires PW-A to PW-G in this Photowire Visualisation Booklet and are not assessed in the EIAR. These photowires represent views of the Proposed Development from areas to the south-west, west and north-west of the proposed wind farm site, from a variety of distances to aid in visualisation of the Proposed Development from the wider landscape perspective. The photowires in this booklet are utilised to aid the discussions of Visual Effects in Section 13-7 Likely ‘Significant’ Landscape and Visual Effects of the LVIA chapter.

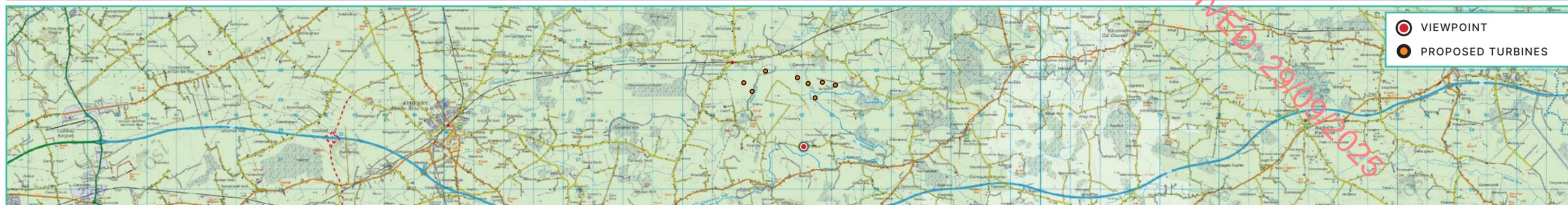
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Photowire No.	Name	Viewpoint Description	X_ITM	Y_ITM
PW-A	Cloonsheecahill	View from L7171 Local Road near Cloonsheecahill townland. Located approximately 1.7km south of the nearest turbine (T8).	562019	727490
PW-B	Kiltullagh	View from L3115 Local Road at Kiltullagh townland. Located approximately 4.3km south-west of the nearest turbine (T2).	557723	725805
PW-C	R339 West of Menlough	View from R339 west of Menlough rural settlement. Located approximately 11.6km north of the nearest turbine (T3).	560205	741626
PW-D	Woodlawn House	View of Woodlawn House estate setting on R359 Regional Road. Located approximately 5.9km east of the nearest turbine (T7).	568746	731294
PW-E	R446 outside Craughwell	View from R446 Regional Road outside Craughwell. Located approximately 12.9km south-west of the nearest turbine (T2).	553142	718496
PW-F	Loughrea at L4213 Baunoge	View from Loughrea eastern hill on L4213 Local Road at Baunoge. Located approximately 13.2km south-east of the nearest turbine (T8).	563445	715929
PW-G	Attymon Railway Station Building	View from Attymon Railway Station building and carpark. Located approximately 770m north-west of the nearest turbine (T1).	559577	730240



Photowire No.	Name	Viewpoint Description	X_ITM	Y_ITM
PW-A	Cloonsheecahill	View from L7171 Local Road near Cloonsheecahill townland. Located approximately 1.7km south of the nearest turbine (T8).	562019	727490



Existing View at 120°



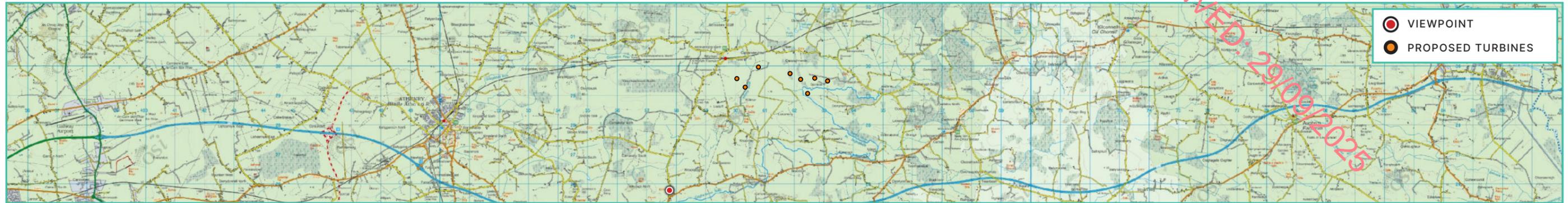
Photowire at 90°



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Photowire No.	Name	Viewpoint Description	X_ITM	Y_ITM
PW-B	Kiltullagh	View from L3115 Local Road at Kiltullagh townland. Located approximately 4.3km south-west of the nearest turbine (T2).	557723	725805



Existing View at 120°



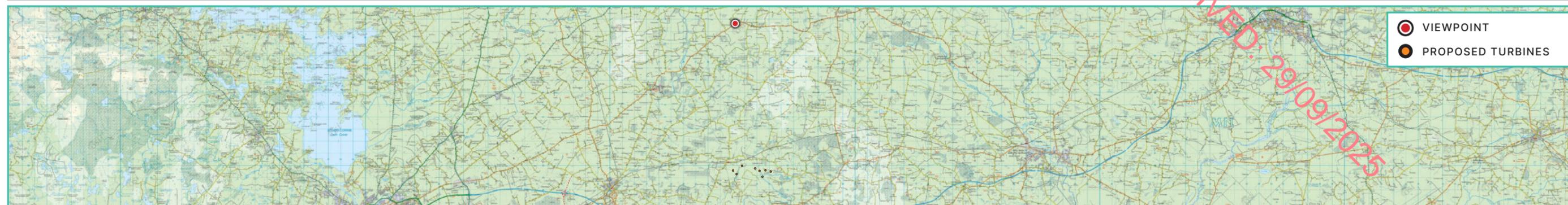
Photowire at 90°



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Photowire No.	Name	Viewpoint Description	X_ITM	Y_ITM
PW-C	R339 West of Menlough	View from R339 west of Menlough rural settlement. Located approximately 11.6km north of the nearest turbine (T3).	560205	741626



Existing View at 120°



Photowire at 90°

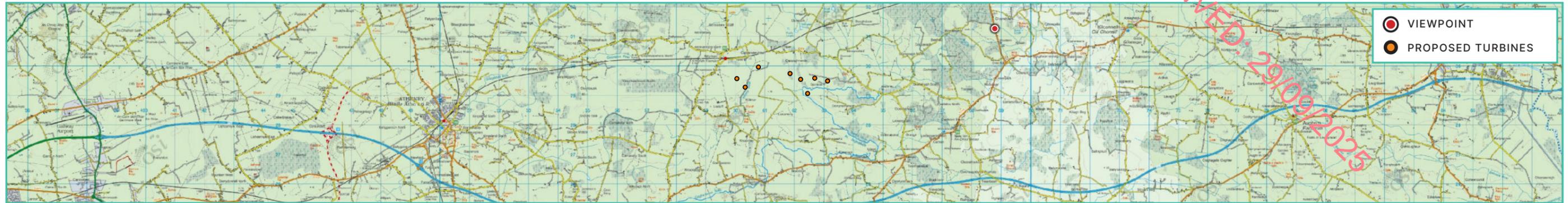


DRAFT PHOTOWIRE VISUALISATION

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Photowire No.	Name	Viewpoint Description	X_ITM	Y_ITM
PW-D	Woodlawn House	View of Woodlawn House estate setting on R359 Regional Road. Located approximately 5.9km east of the nearest turbine (T7).	568746	731294



Existing View at 120°



Photowire at 90°

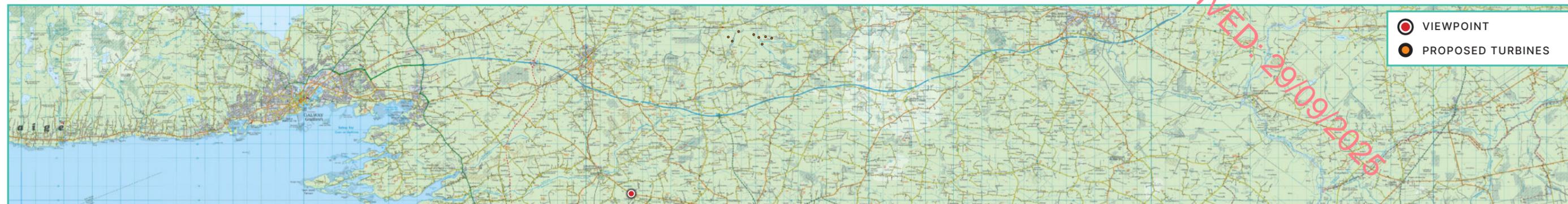


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Photowire No.	Name	Viewpoint Description	X_ITM	Y_ITM
PW-E	R446 outside Craughwell	View from R446 Regional Road outside Craughwell. Located approximately 12.9km south-west of the nearest turbine (T2).	553142	718496



Existing View at 120°



Photowire at 90°

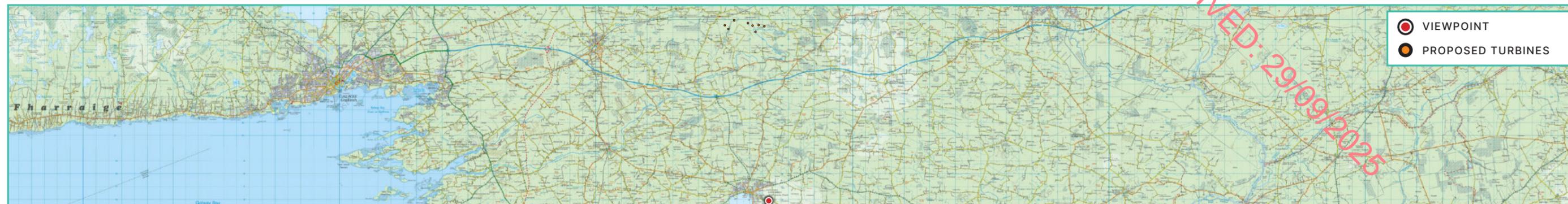


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Photowire No.	Name	Viewpoint Description	X_ITM	Y_ITM
PW-F	Loughrea at L4213 Baunoge	View from Loughrea eastern hill on L4213 Local Road at Baunoge. Located approximately 13.2km south-east of the nearest turbine (T8).	563445	715929



Existing View at 120°



Photowire at 90°



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Photowire No.	Name	Viewpoint Description	X_ITM	Y_ITM
PW-G	Attymon Railway Station Building	View from Attymon Railway Station building and carpark. Located approximately 770m north-west of the nearest turbine (T1).	559577	730240



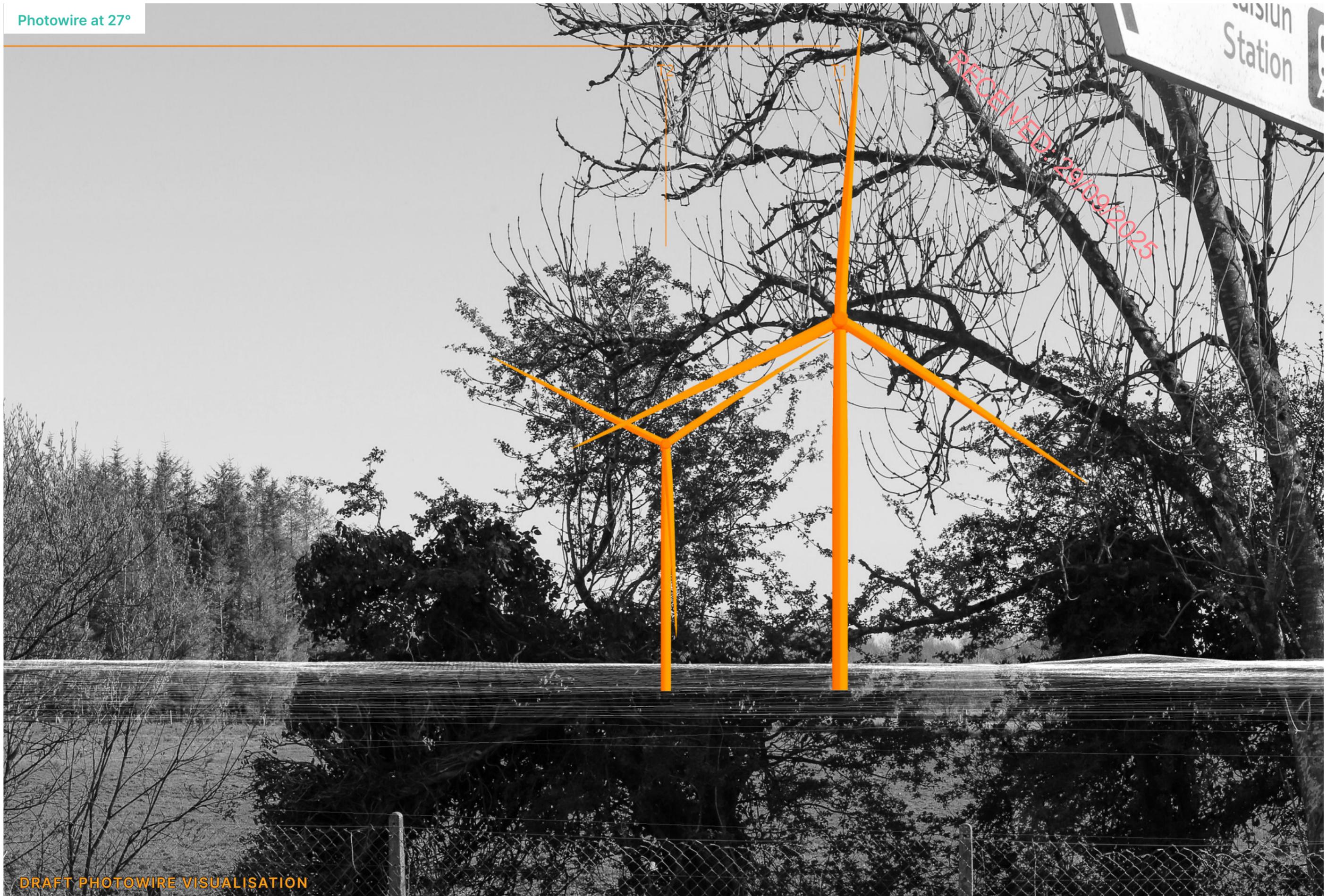
Existing View at 120°



Photowire at 90°



DRAFT PHOTOWIRE VISUALISATION



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