



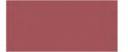





LEGEND

-  Solar PV Site and Mitigation and Enhancement Areas
-  3km LVIA Study Area
-  Anglesey National Landscape (AONB)
-  Mitigation and Enhancement Areas

Potential Areas for PV Arrays

-  Maen Hir North
-  Maen Hir Central
-  Maen Hir South
-  Zone of Theoretical Visibility (ZTV) Mapping for Maen Hir South  
Based on an estimated panel height of 3.5m above ground level (agl) and shown up to a distance of 3km from areas of Solar PV

This drawing is based upon computer generated Zone of Theoretical Visibility (ZTV) studies produced using the viewshed routine in the ESRI ArcGIS Suite. The areas shown are the maximum theoretical visibility, taking into account topography, vegetation and buildings which have been included in the model with the heights obtained from a LiDAR digital surface model.

Due to its resolution, the surface model does not take into account every localised feature such as walls, small hedgerows or small trees and therefore only gives an impression of the extent of visibility.

The ZTV includes an adjustment that allows for Earth's curvature and light refraction. It is based on LiDAR terrain data with a 2m<sup>2</sup> resolution.



PROJECT TITLE  
PROSIECT MAEN HIR

DRAWING TITLE  
Figure 6-9: Zone of Theoretical Visibility (ZTV) Plan for Solar PV Site (+3.5m agl) at Maen Hir South A and B

ISSUED BY	Bristol	T: 0117 203 3628
DATE	Sept 2024	DRAWN BF
SCALE @A3	1:40,000	CHECKED RF
STATUS	Final	APPROVED RF

DWG. NO. 8888\_06\_09

No dimensions are to be scaled from this drawing.  
All dimensions are to be checked on site.  
Area measurements for indicative purposes only.

© LDA Design Consulting Ltd. Quality Assured to BS EN ISO 9001 : 2015

Sources: Ordnance Survey, Natural Resource Wales, Isle of Anglesey County Council

