








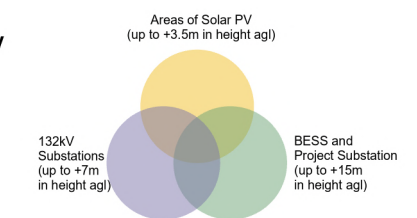


LEGEND

-  Solar PV Site and Mitigation and Enhancement Areas
-  3km LVIA Study Area
-  Anglesey National Landscape (AONB)
-  Zone of Visual Influence (ZVI)
-  Representative Viewpoints (1-24)
-  Specific Viewpoints (i-ii)
-  Illustrative Viewpoints (A-Z)
-  Potential Areas for BESS and Project Substation up to 15m in Height (agl)
-  Potential Areas for 132kV Substations up to 7m in Height (agl)

Zone of Theoretical Visibility (ZTV) Mapping

Shown up to a distance of 3km from development areas



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 2m² resolution.



PROJECT TITLE
PROSIECT MAEN HIR

DRAWING TITLE
Figure 6-12: Overall Zone of Theoretical Visibility (ZTV) for Solar PV Site (+3.5m agl), Project Substation and BESS (+15m agl) and 132kV Substation (+7m agl), Viewpoints and Zone of Visual Influence (ZVI)

| | | | |
|-----------|-----------|----------|---------------|
| ISSUED BY | Bristol | T: | 0117 203 3628 |
| DATE | Sept 2024 | DRAWN | BF |
| SCALE @A3 | 1:65,000 | CHECKED | RF |
| STATUS | Final | APPROVED | RF |

DWG. NO. 8888_06_12

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