










LEGEND

-  Solar PV Site and Mitigation and Enhancement Areas
-  3km LVIA Study Area
-  Anglesey National Landscape (AONB)
-  Mitigation and Enhancement Areas
-  Representative Viewpoints (1-24)
-  Specific Viewpoints (i-ii)
-  Illustrative Viewpoints (A-Z)
-  Potential Area for 132kV Substation (+7m agl)
-  Potential Area for BESS and Project Substation (+15m agl)

Zone of Theoretical Visibility (ZTV) Mapping

Shown up to a distance of 3km from potential areas for 132kV Substations (+7m above ground level (agl)) and Project BESS and Substation (+15m agl)



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
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DRAWING TITLE
Figure 6-11: Overall Zone of Theoretical Visibility (ZTV) for Project Substation and BESS (+15m agl) and 132kV Substation (+7m agl) and Viewpoints

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

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

