



# Candwr Solar Farm

## Pre Application Consultation

Environmental Statement

Appendix 5.3 Summary of LANDMAP Aspect Areas

2 July 2026



### Appendix 5.3: Summary of LANDMAP Aspect Areas

| LANDMAP Aspect Layer                                             | LANDMAP Description                                                                                                                                                                                                                                                                                                                                                                             | LANDMAP Evaluation                                          | Sensitivity |
|------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------|-------------|
| Geological Landscape:<br>Common Cefn-llewn<br>MNMTHGLO91         | Level 1: Lowland hills and valleys<br>Level 2: Undulating lowland hill terrain<br>Level 3: Other                                                                                                                                                                                                                                                                                                | Value: High<br>Condition: Good<br>Trend: Constant           | High        |
|                                                                  | Overall Evaluation:<br>Part of Usk Silurian Inlier with a significant concentration of Geodiversity Audit sites.                                                                                                                                                                                                                                                                                | Overall Evaluation:<br>High                                 |             |
| Geological Landscape:<br>Creigydd TRFNGL033                      | Level 1: Lowland hills and valleys<br>Level 2: Undulating lowland hill terrain<br>Level 3: Undulating lowland hill terrain                                                                                                                                                                                                                                                                      | Value: Moderate<br>Condition: Fair<br>Trend: Constant       | Medium      |
|                                                                  | Overall Evaluation:<br>Faulted Silurian inlier                                                                                                                                                                                                                                                                                                                                                  | Overall Evaluation:<br>Moderate                             |             |
| Geological Landscape:<br>Llanfrechfa TRFNGL010                   | Level 1: Lowland hills and valleys<br>Level 2: Undulating lowland hill terrain<br>Level 3: Undulating lowland hill terrain                                                                                                                                                                                                                                                                      | Value: Moderate<br>Condition: Fair<br>Trend: Constant       | Medium      |
|                                                                  | Overall Evaluation:<br>Undulating terrain of folded Raglan Mudstone Fm                                                                                                                                                                                                                                                                                                                          | Overall Evaluation:<br>Moderate                             |             |
| Geological Landscape:<br>Afon Llwyd<br>TRFNGL009                 | Level 1: Lowland hills and valleys<br>Level 2: Lowland river and drainage systems<br>Level 3: Active lowland river-flood plain system                                                                                                                                                                                                                                                           | Value: Low<br>Condition: Fair<br>Trend: Constant            | Low         |
|                                                                  | Overall Evaluation:<br>River valley floor and floodplain sediments, mostly modern S of Pontypool                                                                                                                                                                                                                                                                                                | Overall Evaluation:<br>Low                                  |             |
| Landscape Habitats:<br>West Rural<br>Monmouthshire<br>MNMTHLH070 | Level 1: Dry (Relatively) Terrestrial Habitats<br>Level 2: Grassland & Marsh<br>Level 3: Improved Grassland                                                                                                                                                                                                                                                                                     | Value: Moderate<br>Condition: Unassessed<br>Trend: Constant | Medium      |
|                                                                  | Overall Evaluation:<br>This Aspect Area could easily be evaluated as low as both improved grassland and arable land (particularly under more modern farming practices) are generally quite low ecological value habitat. The value has been increased to moderate however due to the presence of a number of smallish broad-leaved blocks, hedgerows and a number of key species being present. | Overall Evaluation:<br>Moderate                             |             |

| LANDMAP<br>Aspect Layer                                | LANDMAP Description                                                                                                                                                                                                                                                                                                                                                 | LANDMAP Evaluation                                          | Sensitivity |
|--------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------|-------------|
| Landscape Habitats:<br>TFGNLH024 – Torfaen             | Level 1: Dry (Relatively) Terrestrial Habitats<br>Level 2: Grassland & Marsh<br>Level 3: Improved Grassland                                                                                                                                                                                                                                                         | Value: Moderate<br>Condition: Unassessed<br>Trend: Constant | Medium      |
|                                                        | Overall Evaluation:<br>Mixed farming with arable and improved grassland, hedgerows scattered trees and streams. BAP species                                                                                                                                                                                                                                         | Overall Evaluation:<br>Moderate                             |             |
| Landscape Habitats:<br>NWPRTLH015 – Newport            | Level 1: Dry (Relatively) Terrestrial Habitats<br>Level 2: Mosaic<br>Level 3: Mosaic                                                                                                                                                                                                                                                                                | Value: High<br>Condition: Unassessed<br>Trend: Declining    | High        |
|                                                        | Overall Evaluation:<br>This area has a number of semi-natural and BAP habitats and supports some important species within the mosaic of improved pasture and arable fields.                                                                                                                                                                                         | Overall Evaluation: High                                    |             |
| Historic Landscape:<br>TRFNHLO02 – Edlogan and Tregrug | Level 1: Rural environment<br>Level 2: Agricultural<br>Level 3: Irregular Fieldsapes                                                                                                                                                                                                                                                                                | Value: High<br>Condition: Good<br>Trend: Constant           | High        |
|                                                        | Overall evaluation:<br>This area has been assigned an overall value of high on two counts: 1/ the coherence of the fieldscape and settlement pattern in this area, of medieval/post-medieval origin, with minor settlement foci at Llanfrenach and Panteg, and 2/ the survival of a series of exceptionally well-preserved early post-medieval vernacular buildings | Overall evaluation:<br>High                                 |             |
| Historic Landscape:<br>MNMTHLO53 – Tregrug Llanhunog   | Level 1: Rural environment<br>Level 2: Agricultural<br>Level 3: Irregular Fieldsapes                                                                                                                                                                                                                                                                                | Value: High<br>Condition: Good<br>Trend: Constant           | High        |
|                                                        | Overall Evaluation:<br>Given the area has high levels of integrity, survival, condition, potential and rarity, this relatively undisturbed area has been evaluated as being of high value.                                                                                                                                                                          | Overall Evaluation: High                                    |             |
| Historic Landscape:<br>NWPRTLH008 – Llanhennock Hills  | Level 1: Rural environment<br>Level 2: Agricultural<br>Level 3: Irregular Fieldsapes                                                                                                                                                                                                                                                                                | Value: Moderate<br>Condition: Unassessed<br>Trend: Constant | Medium      |
|                                                        | Overall Evaluation:<br>This area is characterised by a well-preserved network of small to medium                                                                                                                                                                                                                                                                    | Overall Evaluation:<br>Moderate                             |             |

| LANDMAP<br>Aspect Layer                                              | LANDMAP Description                                                                                                                                                                                        | LANDMAP Evaluation                                                                                                                                                                | Sensitivity |
|----------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|
|                                                                      | sized irregular fields and dispersed isolated farmsteads of largely post-medieval date; Penrhos Farm appears to have been a focus of settlement activity in the Roman, medieval and post-medieval periods. |                                                                                                                                                                                   |             |
| Cultural Landscape<br>Services:<br>MNMTHCLS040 – Sor<br>Brook Valley | Level 1: Lowland<br>Level 2: Lowland Valleys<br>Level 3: Mosaic Lowland Valleys                                                                                                                            | Sense of place and<br>local distinctiveness:<br>Weak<br><br>Visual and sensory<br>landscape evaluation:<br>High<br><br>Scenic quality: High<br>Character: Moderate                | High        |
| Cultural Landscape<br>Services:<br>TRFNCLS006                        | Level 1: Lowland<br>Level 2: Rolling Lowland<br>Level 3: Mosaic Rolling Lowland                                                                                                                            | Sense of place and<br>local distinctiveness:<br><br>Moderate<br><br>Visual and sensory<br>landscape evaluation:<br>High<br><br>Scenic quality: High<br>Character: High            | High        |
| Cultural Landscape<br>Services:<br>NWPRTCLS039 –<br>Penrhos          | Level 1: Lowland<br>Level 2: Lowland Valleys<br>Level 3: Open Lowland Valleys                                                                                                                              | Sense of place and<br>local distinctiveness:<br>Moderate<br><br>Visual and sensory<br>landscape evaluation:<br>Moderate<br><br>Scenic quality:<br>Moderate<br>Character: Moderate | Medium      |
| Cultural Landscape<br>Services: TRFNCLS005                           | Level 1: Development<br>Level 2: Built land<br>Level 3: Urban                                                                                                                                              | Sense of place and<br>local distinctiveness:<br>Moderate<br><br>Visual and sensory<br>landscape evaluation:<br>Low<br><br>Scenic quality: Low<br>Character: Low                   | Low         |
| Visual and Sensory:<br>TRFNVS011 – Torfaen                           | Level 1: Lowland<br>Level 2: Rolling Lowland<br>Level 3: Mosaic Rolling Lowland                                                                                                                            | Scenic Quality:<br>Moderate<br><br>Integrity: High<br>Character: High<br>Rarity: Moderate                                                                                         | High        |

| LANDMAP<br>Aspect Layer                               | LANDMAP Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | LANDMAP Evaluation                                                                                            | Sensitivity |
|-------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------|-------------|
|                                                       | <p>Summary description</p> <p>A quiet secluded rolling landscape ranging from approximately 30m to 110m AOD, with generally west-facing slope. It is sandwiched by the large urban area of Cwmbran to the west, and to a lesser extent by Caerleon Road and Ponthir to the south. The rolling landscape is characterised by the mosaic pattern of hedges and broadleaf woodland, along/through which run a comprehensive network of footpaths. Views are enclosed by opposite valley side. Large scale landscape with strong visual unity</p>        | <p>Overall Evaluation:</p> <p>High</p>                                                                        |             |
| Visual and Sensory:<br>MNMTHVS036 – Sor Brook Valley. | <p>Level 1: Lowland</p> <p>Level 2: Lowland Valleys</p> <p>Level 3: Mosaic Lowland Valley</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                        | <p>Scenic Quality: High</p> <p>Integrity: High</p> <p>Character: High</p> <p>Rarity: High</p>                 | High        |
|                                                       | <p>Summary description</p> <p>A gently undulating "U" shaped valley drained by the Sor Brook and its associated tributaries. It is bound to the north by the steep wooded hills of Llangybi and to the west by the dense settlement of Cwmbran. Views are restricted in deep secluded valley bottoms, though on high ground there are long views of the rounded valley heads and distant scarp slopes of Mynydd Maen and Cwmbran in the west, with Llandegfedd reservoir to the north. This is a domesticated landscape of small to medium-scale</p> | <p>Overall Evaluation: High</p>                                                                               |             |
| Visual and Sensory:<br>NWPRTVS028 – Penrhos           | <p>Level 1: Lowland</p> <p>Level 2: Lowland Valleys</p> <p>Level 3: Open Lowland Valleys</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                         | <p>Scenic Quality: Moderate</p> <p>Integrity: Moderate</p> <p>Character: Moderate</p> <p>Rarity: Moderate</p> | Medium      |
|                                                       | <p>Summary Description</p> <p>Minor lowland hill rising up to 50m AOD from the Usk valley at 10m AOD with an open pastoral character of fields bounded by close trimmed hedges. The field pattern is sinuous small-medium scale. A small block of deciduous woodland/scrub is associated with the stream valley to the north. Boundary trees are present in places and forms the skyline in places. Settlement consists of scattered farmhouses and dwellings some associated with civil war remains. Urban</p>                                      | <p>Overall Evaluation: Moderate</p>                                                                           |             |

| LANDMAP<br>Aspect Layer                    | LANDMAP Description                                                                                                        | LANDMAP Evaluation                                                     | Sensitivity |
|--------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------|-------------|
|                                            | fringe/suburban influences are premoninat.                                                                                 |                                                                        |             |
| Visual and Sensory:<br>TRFNVS009 – Torfaen | Level 1: Development<br>Level 2: Built Land<br>Level 3: Urban                                                              | Scenic Quality: Low<br>Integrity: Low<br>Character: Low<br>Rarity: Low | Low         |
|                                            | Summary description:<br><br>Gilwern – mixed quality buildings – major development of estates, spreading into rural context | Overall Evaluation: Low                                                |             |