



## Wylfa Newydd Project

6.5.20 ES Volume E - Off-Site Power Station  
Facilities: AECC, ESL and MEEG App E10-2 -  
Landscape effects schedule

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1 Landscape effects schedule

1.1 Landscape effects

Table 1-1 Landscape character – designated landscapes and Local Landscape Character Areas based on published Landscape Character Areas (LCAs)<sup>1</sup>  
(Published sources of character areas have been used to inform the assessment of effects on designated and non-designated landscapes.)

| Receptor (including indication of whether receptor would be directly or indirectly impacted) | Approx. distance to nearest point of the Off-Site Power Station Facilities boundary | Key characteristics/features/special qualities, including source of these for published areas   | Sensitivity of landscape receptor (with value (V) and susceptibility (S) in brackets) | Change to landscape with embedded and good practice landscape mitigation  | Magnitude of landscape change without additional mitigation  | Significance of effect without additional mitigation   | Additional mitigation   | Post-additional mitigation magnitude of change   | Significance of residual effects   |
|--|---|---|---|---|--|--|---|--|--|
| Isle of Anglesey Area of Outstanding Natural Beauty (AONB) (Partially impacted indirectly)   | 0m (adjacent to site)   | Relevant features and special qualities identified in <i>The Isle of Anglesey Area of Outstanding Natural Beauty (AONB) Management Plan Review 2015 – 2020</i> [RD1] are listed below.<br>Features: <ul style="list-style-type: none"><li>traditional agricultural landscape features; and</li><li>expansive views/seascapes;</li><li>peace and tranquillity;</li></ul> Since there is no specific published source of landscape character available for the AONB, the assessment of effects reported in chapter E10 (Landscape and visual) (Application Reference Number: 6.5.10) has also had regard to the effects on the key characteristics of the corresponding Landscape Character Area (LCA) 5 defined in the <i>Anglesey Landscape Strategy Update 2011</i> (IACC and TACP, 2011) [RD2] (Refer also to assessments below). | High (V: High, S: High)   | <u>Construction:</u><br>Direct effects: There would be no direct effects. Indirect effects: Proximity of the construction works in the adjacent local landscape would contrast with the rural setting of the AONB. The perception of construction works, including the 20 tonne trucks, tarmac machines, fork lifts, 3.6m noise barrier, mobile cranes and crusher equipment would be incongruous with the features within the local landscape. This would partially affect the perception of a small localised area of the AONB. The construction phase would be short-term in duration. The indirect effects would not undermine the AONBs reasons for designation, or affect the overall perception of the AONB, which covers the coastal areas of Anglesey. | Small adverse over short-term for indirectly affected area<br>(Size and Scale: Medium<br>Geographical Extent: Small)<br><br>(Negligible adverse on overall AONB) | Minor adverse over short-term for indirectly affected area<br>Not significant<br><br>(Minor adverse on overall AONB: Not Significant)                  | No additional mitigation practicable.   | Small adverse over short-term for indirectly affected area<br>(Size and Scale: Medium<br>Geographical Extent: Small)<br><br>(Negligible adverse on overall AONB) | Minor adverse over short-term for indirectly affected area<br>Not significant<br><br>(Minor adverse on overall AONB: Not Significant)                  |
|  |   |   |   | <u>Operation – winter year 1</u><br>Direct effects: There would be no direct effects. Indirect effects: The proposed Mobile Emergency Equipment Garage (MEEG) and Environmental Survey Laboratory (ESL) buildings whilst larger in scale than those existing on site, would be similar in character to others within the locality. This would increase the prominence of built form within the local area.  | Negligible adverse over long-term for indirectly affected area<br>(Size and Scale: Negligible<br>Geographical Extent: Small)<br>(No change on overall AONB)      | Minor adverse over long-term for indirectly affected area<br>Permanent<br>Not Significant<br><br>(Negligible adverse on overall AONB: Not Significant) | Architectural treatment of proposed buildings and structures should seek to integrate with surrounding landscape and reduce adverse visual effects. | Negligible adverse over long-term for indirectly affected area<br>(Size and Scale: Negligible<br>Geographical Extent: Small)<br>(No change on overall AONB)      | Minor adverse over long-term for indirectly affected area<br>Permanent<br>Not Significant<br><br>(Negligible adverse on overall AONB: Not Significant) |
|  |   |   |   | <u>Operation – summer year 15</u><br>Direct effects: There would be no direct effects.  | Negligible adverse over long-term for  | Negligible adverse over long-term for  | Not required.   | Negligible adverse over long-term for  | Negligible adverse over long-term  |

<sup>1</sup> For the locations of designated areas and published LCAs, refer to figures E10-2 and E10-4 (Application Reference Number: 6.5.27).

| Receptor<br>(including indication of whether receptor would be directly or indirectly impacted)                   | Approx. distance to nearest point of the Off-Site Power Station Facilities boundary | Key characteristics/features/special qualities, including source of these for published areas  | Sensitivity of landscape receptor (with value (V) and susceptibility (S) in brackets) | Change to landscape with embedded and good practice landscape mitigation  | Magnitude of landscape change without additional mitigation  | Significance of effect without additional mitigation  | Additional mitigation                 | Post-additional mitigation magnitude of change   | Significance of residual effects  |
|---|---|--|---|---|--|---|---------------------------------------|--|---|
|   |   |  |   | Indirect effects: As vegetation establishes, the boundary features and tree cover within the site would be strengthened, helping the proposed Off-Site Power Station Facilities assimilate with their surroundings.   | indirectly affected area<br>Permanent<br>(Size and Scale: Negligible<br>Extent: Small)<br><br>(No change on overall AONB)  | indirectly affected area:<br>Permanent<br>Not Significant<br><br>(Negligible adverse on overall AONB<br>Not Significant)                        |                                       | indirectly affected area<br>Permanent<br>(Size and Scale: Negligible<br>Extent: Small)<br><br>(No change on overall AONB)  | for indirectly affected area:<br>Permanent<br>Not Significant<br><br>(Negligible adverse on overall AONB<br>Not Significant)                    |
|   |   |  |   | <u>Decommissioning:</u><br>Direct effects: There would be no direct effects.<br>Indirect effects: Decommissioning activities, including the dismantling of the Off-Site Power Station Facilities buildings and structures, would not physically affect the Isle of Anglesey AONB. However, intervisibility with the activities would contrast and be incongruous with the rural setting of the local area of the AONB. The local character of the AONB would be temporarily affected by the activity within the site during the short-term, whilst the perception of the character of the wider AONB designation would be maintained. | <b>Small</b> adverse over short-term for indirectly affected area<br>(Size and Scale: Medium<br>Geographical<br>Extent: Small)<br><br>(Negligible adverse on overall AONB) | <b>Minor</b> adverse over short-term for indirectly affected area<br>Not significant<br><br>(Minor adverse on overall AONB:<br>Not Significant) | No additional mitigation practicable. | <b>Small</b> adverse over short-term for indirectly affected area<br>(Size and Scale: Medium<br>Geographical<br>Extent: Small)<br><br>(Negligible adverse on overall AONB) | <b>Minor</b> adverse over short-term for indirectly affected area<br>Not significant<br><br>(Minor adverse on overall AONB:<br>Not Significant) |
| <b>Local Landscape Character Area (LLCA)</b><br>Based on Anglesey Landscape Strategy Update 2011, LCA 5.<br>[RD2] | 0m  | Key characteristics, some of which are typical of the AONB: <ul style="list-style-type: none"> <li>Pastoral farmland with scattered farmsteads and small villages such as Llanfaethlu;</li> <li>Carreglwyd Registered Park and Garden, historic estate approx 800m north of the site;</li> <li>Pastoral fields of varying shapes and sizes, irregular-shaped fields often located near villages;</li> <li>Predominantly improved grassland;</li> </ul> | <b>High</b><br>(V: High, S: Medium)   | <u>Construction</u><br>Effects upon landscape character would be localised within the site and adjoining access roads. Construction works would include the use of 20 tonne trucks, tarmac machines, fork lifts, a 3.6m noise barrier, mobile cranes and crusher equipment, during the short-term. Construction activity is not an unfamiliar activity in the local area. Effects would be limited in extent, and would not dramatically alter the perception or physical characteristics of the local landscape character area.<br><br>Indirect effects: There would be no indirect effects.   | <b>Small</b> adverse over short-term<br><br>(Size and Scale: Small<br>Geographical<br>Extent: Small)   | <b>Minor</b> adverse over short-term<br>Not Significant   | No additional mitigation practicable. | <b>Small</b> adverse over short-term<br><br>(Size and Scale: Small<br>Geographical<br>Extent: Small)   | <b>Minor</b> adverse over short-term<br>Not Significant   |

| Receptor<br>(including indication of whether receptor would be directly or indirectly impacted) | Approx. distance to nearest point of the Off-Site Power Station Facilities boundary | Key characteristics/features/special qualities, including source of these for published areas   | Sensitivity of landscape receptor (with value (V) and susceptibility (S) in brackets) | Change to landscape with embedded and good practice landscape mitigation   | Magnitude of landscape change without additional mitigation  | Significance of effect without additional mitigation              | Additional mitigation  | Post-additional mitigation magnitude of change   | Significance of residual effects                                  |
|---|---|---|---|--|--|---|--|--|---|
|   |   | <ul style="list-style-type: none"> <li>Gently undulating Drumlin landscape;</li> <li>Limited woodland except block of mature woodland at Carreglwyd;</li> <li>Predominantly open landscape with stunted hedgerows and occasional small hedgerow trees;</li> <li>Drystone walls and cloddiau are common field boundaries where there is no hedgerow;</li> <li>Isolated areas of heathlands, scrub, marsh and rock outcrops.</li> </ul> |   | <p><u>Operation – winter year 1</u></p> <p>Within the site the Off-Site Power Station Facilities buildings would be introduced at a larger scale than those existing on site. Planting within the site will include new native tree, shrub and hedgerow planting. The MEEG and ESL buildings would be of a larger scale than adjacent built form off the A5025, but similar in scale to some of the existing sheds within the Local Landscape Character Area. The effects of the built form would be limited to the local area within 1.5km of the site. The operational activities would be similar to the baseline situation.</p> <p>Indirect effects: There would be no indirect effects.</p> | <p><b>Negligible</b> adverse over long-term on overall LLCA</p> <p>(Size and Scale: Small Geographical Extent: Small)</p>    | <p><b>Minor</b> adverse over long-term<br/>Not Significant</p>    | <p>Architectural treatment of proposed buildings and structures should seek to integrate with surrounding landscape and reduce adverse visual effects.</p> <p>Horizon will undertake quarterly landscape site inspections for a 5-year period, followed by annual inspection for second 5-year period (total 10 years) in order to ensure landscaping has established appropriately.</p> | <p><b>Negligible</b> adverse over long-term on overall LLCA</p> <p>(Size and Scale: Small Geographical Extent: Small)</p>    | <p><b>Minor</b> adverse over long-term<br/>Not Significant</p>    |
|   |   |   |   | <p><u>Operation – summer year 15</u></p> <p>As new hedgerow and native woodland planting establishes within the site, it would increase the appearance of tree cover and strengthen the existing field pattern within the immediate area. The established vegetation would provide some softening effects to the Off-Site Power Station Facilities buildings.</p> <p>Indirect effects: There would be no indirect effects.</p>   | <p><b>Negligible</b> beneficial over long-term on overall LLCA</p> <p>(Size and Scale: Small Geographical Extent: Small)</p> | <p><b>Minor</b> beneficial over long-term<br/>Not Significant</p> | <p>Operational lighting will be designed to control light spill, whilst providing safe levels for site use and security, to limit effects on night-time human viewers, for example local communities.</p> <p>Architectural treatment of proposed buildings and structures should seek to integrate with surrounding</p>  | <p><b>Negligible</b> beneficial over long-term on overall LLCA</p> <p>(Size and Scale: Small Geographical Extent: Small)</p> | <p><b>Minor</b> beneficial over long-term<br/>Not Significant</p> |

| Receptor<br>(including indication of whether receptor would be directly or indirectly impacted) | Approx. distance to nearest point of the Off-Site Power Station Facilities boundary | Key characteristics/features/special qualities, including source of these for published areas | Sensitivity of landscape receptor (with value (V) and susceptibility (S) in brackets) | Change to landscape with embedded and good practice landscape mitigation   | Magnitude of landscape change without additional mitigation   | Significance of effect without additional mitigation                                 | Additional mitigation  | Post-additional mitigation magnitude of change  | Significance of residual effects   |
|---|---|---|---|--|---|--|--|---|--|
|   |   |   |   |  |   |  | landscape and reduce adverse visual effects.<br>Horizon will undertake quarterly landscape site inspections for a 5-year period, followed by annual inspection for second 5-year period (total 10 years) in order to ensure landscaping has established appropriately. |   |  |
|   |   |   |   | <u>Decomissioning:</u><br>Direct effects: The dismantling of the Off-Site Power Station Facilities buildings and structures within the site, during decommissioning, is likely to result in short-term adverse effects on the Local Landscape Character. The effects would be localised within the site and adjoining access roads.<br>Indirect effects: There would be no indirect effects. | <b>Small</b> adverse over short-term for indirectly affected area<br>(Size and Scale: Medium<br>Geographical Extent: Small) | <b>Minor</b> adverse over short-term for indirectly affected area<br>Not significant | No additional mitigation practicable.  | <b>Small</b> adverse over short-term for indirectly affected area<br>(Size and Scale: Medium<br>Geographical Extent: Small) | <b>Minor</b> adverse over short-term for indirectly affected area<br>Not significant |



## 1.2 References

**Table 1-2 Schedule of references**

| ID  | Reference  |
|-----|--|
| RD1 | IACC. 2015. <i>The Isle of Anglesey Area of Outstanding Natural Beauty (AONB) Management Plan Review 2015 – 2020</i> . [Online]. [Accessed: June 2017]. Available from: <a href="http://www.anglesey.gov.uk/Journals/w/x/m/Anglesey-AONB-Management-Plan-2015_20.pdf">http://www.anglesey.gov.uk/Journals/w/x/m/Anglesey-AONB-Management-Plan-2015_20.pdf</a> .  |
| RD2 | IACC and TACP. 2011. <i>The Isle of Anglesey: Anglesey Landscape Strategy Update 2011 (Document No. DC.011)</i> . [Online]. [Accessed: June 2017]. Available from: <a href="https://www.gwynedd.llyw.cymru/en/Council/Documents---Council/Strategies-and-policies/Environment-and-planning/Planning-policy/Supporting-documents/Angesey-Landscape-Strategy---Update-2011-(DC.011).pdf">https://www.gwynedd.llyw.cymru/en/Council/Documents---Council/Strategies-and-policies/Environment-and-planning/Planning-policy/Supporting-documents/Angesey-Landscape-Strategy---Update-2011-(DC.011).pdf</a> . |