

Appendix 11.2

Assessment of Landscape Effects

Appendix 11.2 Assessment of Landscape Effects

This Appendix should be read in conjunction with Figures 11.2 – 11.6 and 11.9 and Appendix 11.1. Note: All landscape and visual mitigation is embedded and described in **Chapter 3: Project and Site Description**. All effects identified in the table below are therefore residual. The cumulative assessment has been undertaken for the project as a whole and not for each individual element.

Table 1 Landscape Assessment - All Project Components (Power Generation Plant, Gas Connection and Electrical Connection)

Landscape Resource		Sensitivity of Landscape Receptor	Magnitude of Landscape Change	Level of Effect/Significance of Landscape Effect	Cumulative Assessment
LANDMAP Aspect Area	LANDMAP Overall Evaluation				
Landscape Character at Project Site Level					
Visual and Sensory Aspect Area (Figure 11.2)		<p><u>Value:</u> The aspect areas considered in the LANDMAP evaluation as being of High or Outstanding value tend not to be particularly apparent within the Project Site. Overall the landscape character of the Site is considered to be of Medium value.</p> <p><u>Susceptibility:</u> The landscape resource is considered to have some capacity to accommodate the proposed development without effects upon its overall integrity. The pattern of the landscape reflects a mostly intact pattern of elements, with features in reasonable condition although a number of detracting elements exist such as the prominent power lines and adjacent Gas Compressor Station and Substation. Taking all of this into account, landscape susceptibility to change is Medium.</p> <p><u>Sensitivity:</u> Taking into account value judgements and susceptibility to change, overall sensitivity of the landscape character is considered to be Medium.</p>	<p><u>Construction:</u> Construction of the Power Generation Plant would result in temporary adverse effects as a result of the construction plant and activities, laydown areas and temporary structures on site. During construction there would be a permanent loss of landscape features including grazing land, trees and scrub vegetation along with extensive earth re-profiling. Construction noise, activities and lighting would reduce the relative tranquillity in the vicinity of the Project Site. Construction of the Access Road would result in the removal of trees and some woodland although the wider woodland structure and its associated strong degree of enclosure and shelter it currently provides would remain intact.</p> <p>The construction of the Gas Connection would result in temporary adverse effects as a result of the construction plant and activity involved in constructing the AGI along with access from Rhyd-y-pandy road and the Pipeline. The open trench method of constructing the Pipeline connection would result in the temporary removal of grazing land and the permanent removal of sections of field boundary hedgerow and trees.</p> <p>The Electrical Connection route would follow the alignment of the new Access Road and so disruption associated with its construction would be similar to that of the new Access Road as described above.</p> <p>Across the entire Project Site, the temporary presence of construction plant, activities and lighting would introduce noticeable features uncharacteristic of the landscape at present. As a result of these changes and the partial loss and alteration of some of the key characteristics, magnitude of change is considered to be Medium.</p> <p>The Medium sensitivity assessed combined with the Medium magnitude of change would result in a Moderate</p>	<p>Moderate Adverse Significant</p>	<p>The following cumulative developments are located within the Aspect areas which characterise the landscape of the Project Site:</p> <p>Rhyd-y-pandy (Visual and Sensory)</p> <ul style="list-style-type: none"> 1.9.11 (Felindre Business Park) Identified/Allocated sites 23, 24, 27-29 <p>Penllergaer forest (Visual and Sensory)</p> <ul style="list-style-type: none"> 6-Former J R Steelworks, Bryntywod 10-Llettyr Morfil Farm 12-Griffiths Waste Management Site 21-Land at Bryntywod <p>The construction of the Project in combination with these cumulative developments would result in localised effects on these Aspect areas, with the cumulative developments concentrated in areas that are already influenced by development. As such the introduction of construction plant and lighting associated with the Project into this cumulative picture would result in a partial change to some of the landscape characteristics although it would not be sufficient to diminish the overall integrity of the landscape.</p> <p>North of Gorseinon and Swansea (Landscape Habitats)</p> <ul style="list-style-type: none"> Identified/Allocated sites 23, 28, 29 <p>East of Penllergaer (Landscape Habitats)</p> <ul style="list-style-type: none"> 1,9, 11 (Felindre Business Park) 6-Former J R Steelworks, Bryntywod 10-Llettyr Morfil Farm 12-Griffiths Waste Management Site 24-NW of M4 J46, Llangyfelach <p>Waun Y Garn Wen (Landscape Habitats)</p>
Rhyd-y-pandy (17)	Moderate				
Penllergaer forest (19)	Moderate				
Landscape Habitats Aspect Area (Figure 11.3)					
North of Gorseinon and Swansea (4)	Moderate				
East of Penllergaer (6)	High				
Waun Y Garn Wen (20)	High				

Landscape Resource		Sensitivity of Landscape Receptor	Magnitude of Landscape Change	Level of Effect/Significance of Landscape Effect	Cumulative Assessment
LANDMAP Aspect Area	LANDMAP Overall Evaluation				
			<p>Adverse effect on landscape character during construction.</p>		<ul style="list-style-type: none"> ▪ No cumulative schemes <p>The construction of the Project in combination with these cumulative schemes is considered to have localised effects on the grassland habitats but not sufficient to result in a noticeable change to the landscape habitat characteristics.</p> <p>H27 Gower Supraboscus Agricultural (Historic Landscape)</p> <ul style="list-style-type: none"> ▪ 1,9, 11 (Felindre Business Park) ▪ 6-Former J R Steelworks, Bryntywod ▪ 10-Llettyr Morfil Farm ▪ 12-Griffiths Waste Management Site ▪ 24-NW of M4 J46, Llangyfelach ▪ Identified/Allocated sites 24, 27-29 <p>The construction of the Project in combination with these cumulative schemes is considered to have a localised effect on the enclosed pattern of fields typical of this historic landscape Aspect area.</p> <p>Penllergaer (Geological Landscape)</p> <ul style="list-style-type: none"> ▪ 1,9, 11 (Felindre Business Park) ▪ 6-Former J R Steelworks, Bryntywod ▪ 10-Llettyr Morfil Farm ▪ 12-Griffiths Waste Management Site ▪ 24-NW of M4 J46, Llangyfelach ▪ Identified/Allocated sites 24, 27-29 <p>The construction of the Project in combination with these cumulative schemes is not considered to affect key features of geological or geomorphological significance.</p> <p>The Mawr (Cultural Landscape)</p> <ul style="list-style-type: none"> ▪ 1,9, 11 (Felindre Business Park) ▪ 6-Former J R Steelworks, Bryntywod ▪ 10-Llettyr Morfil Farm ▪ 12-Griffiths Waste Management Site ▪ 24-NW of M4 J46, Llangyfelach ▪ Identified/Allocated sites 24, 27-29 <p>The construction plant and activity</p>

Landscape Resource		Sensitivity of Landscape Receptor	Magnitude of Landscape Change	Level of Effect/Significance of Landscape Effect	Cumulative Assessment
LANDMAP Aspect Area	LANDMAP Overall Evaluation				
					<p>associated with the Project in combination with these cumulative schemes is not considered to affect the multi-period historic and evolved cultural significance.</p> <p>Overall the construction of the Project in combination with these cumulative schemes would result in localised effects on these Aspect areas which define the landscape character, with the cumulative developments mainly concentrated in areas that are already influenced by development. As such the introduction of construction plant and activity including lighting associated with the Project into this cumulative picture would result in a partial change to some of the landscape characteristics of the Project Site area although it would not be sufficient to diminish the overall integrity of the landscape.</p> <p>Cumulative magnitude of change would be Low which combined with the Medium sensitivity would result in a Minor Adverse cumulative effect which is not significant.</p>
Historic Landscape Aspect Area (Figure 11.4)			<p><u>Operation:</u> Once operational the Power Generation Plant would be a prominent feature within the immediate landscape of the Project Site. It would result in the partial loss to landscape features, including grazing land, trees and scrub vegetation, which would result in a partial change to some of the landscape characteristics although it would not diminish the overall integrity of the landscape.</p> <p>The Access Road would lie substantially within the woodland characteristic of the Penllergaer Forest Aspect Area which would retain its qualities providing a strong degree of enclosure and shelter.</p> <p>The route of the Gas Connection would be reinstated upon operation with fields returned to grazing and field boundaries reinstated with hedgerow and tree planting. Structure planting and reinstatement boundary vegetation would be planted around the AGI to assist in assimilating it within the immediate landscape pattern. Planting would</p>	<p>Moderate Adverse Significant</p>	<p>The following cumulative developments are located within the Aspect areas which characterise the landscape of the Project Site:</p> <ul style="list-style-type: none"> Rhyd-y-pandy (Visual and Sensory) <ul style="list-style-type: none"> ▪ 1.9.11 (Felindre Business Park) ▪ Identified/Allocated sites 23, 24, 27-29 Penllergaer forest (Visual and Sensory) <ul style="list-style-type: none"> ▪ 6-Former J R Steelworks, Bryntywod ▪ 10-Llettyr Morfil Farm ▪ 12-Griffiths Waste Management Site ▪ 21-Land at Bryntywod <p>The Project in combination with these cumulative developments would result in localised effects on these Aspect areas, with the cumulative developments concentrated in areas that are already influenced by development. As such the introduction of the Project into this</p>
H27 Gower Supraboscus Agricultural (6)	Outstanding				
Geological Landscape Aspect Area (Figure 11.5)					
Penllergaer (4)	Outstanding				
Cultural Landscape Aspect Area (Figure 11.6)					
The Mawr (14)	High				

Landscape Resource		Sensitivity of Landscape Receptor	Magnitude of Landscape Change	Level of Effect/Significance of Landscape Effect	Cumulative Assessment
LANDMAP Aspect Area	LANDMAP Overall Evaluation				
			<p>extend up to existing field boundaries in order to retain the field pattern and avoid land severance (refer to Figure 11.10).</p> <p>The Electrical Connection route would be buried immediately adjacent to the Access Road and the long term residual effects on the landscape would be similar to the Access Road as described above.</p> <p>Across the wider site there would be a partial loss to some of the key characteristics of the landscape but would not result in an obvious change to the overall character of the area. These effects would be long term and partially reversible. At year of opening the magnitude of change would be Medium which when combined with the Medium sensitivity to change would result in a Moderate Adverse effect.</p> <p>Once the structure planting around the Power Generation Plant and AGI establishes it would assist in providing some additional structure to the landscape which alongside the reinstatement hedgerow planting and fields returned to grazing along the Gas Connection Route would assist in integrating elements of the development into the local landscape. Nonetheless, despite the establishment of the planting, the magnitude of effect is considered to remain Medium at year 15 as there would remain a noticeable alteration of the existing components of the landscape of the Site. This would result in a residual Moderate Adverse effect.</p>		<p>cumulative picture would result in a partial change to some of the landscape characteristics although it would not be sufficient to diminish the overall integrity of the landscape.</p> <p>North of Gorseinon and Swansea (Landscape Habitats)</p> <ul style="list-style-type: none"> ▪ Identified/Allocated sites 23, 28, 29 <p>East of Penllergaer (Landscape Habitats)</p> <ul style="list-style-type: none"> ▪ 1,9, 11 (Felindre Business Park) ▪ 6-Former J R Steelworks, Bryntywod ▪ 10-Llettyr Morfil Farm ▪ 12-Griffiths Waste Management Site ▪ 24-NW of M4 J46, Llangyfelach <p>Waun Y Garn Wen (Landscape Habitats)</p> <ul style="list-style-type: none"> ▪ No cumulative schemes <p>The Project in combination with these cumulative schemes is considered to have localised effects on the grassland habitats but not sufficient to result in a noticeable change to the landscape habitat characteristics.</p> <p>H27 Gower Supraboscus Agricultural (Historic Landscape)</p> <ul style="list-style-type: none"> ▪ 1,9, 11 (Felindre Business Park) ▪ 6-Former J R Steelworks, Bryntywod ▪ 10-Llettyr Morfil Farm ▪ 12-Griffiths Waste Management Site ▪ 24-NW of M4 J46, Llangyfelach ▪ Identified/Allocated sites 24, 27-29 <p>The Project in combination with these cumulative schemes is considered to have a localised effect on the enclosed pattern of fields typical of this historic landscape Aspect area.</p> <p>Penllergaer (Geological Landscape)</p> <ul style="list-style-type: none"> ▪ 1,9, 11 (Felindre Business Park) ▪ 6-Former J R Steelworks, Bryntywod ▪ 10-Llettyr Morfil Farm ▪ 12-Griffiths Waste Management Site

Landscape Resource		Sensitivity of Landscape Receptor	Magnitude of Landscape Change	Level of Effect/Significance of Landscape Effect	Cumulative Assessment
LANDMAP Aspect Area	LANDMAP Overall Evaluation				
					<ul style="list-style-type: none"> ▪ 24-NW of M4 J46, Llangyfelach ▪ Identified/Allocated sites 24, 27-29 <p>The Project in combination with these cumulative schemes is not considered to affect key features of geological or geomorphological significance.</p> <p>The Mawr (Cultural Landscape)</p> <ul style="list-style-type: none"> ▪ 1,9, 11 (Felindre Business Park) ▪ 6-Former J R Steelworks, Bryntywod ▪ 10-Llettyr Morfil Farm ▪ 12-Griffiths Waste Management Site ▪ 24-NW of M4 J46, Llangyfelach ▪ Identified/Allocated sites 24, 27-29 <p>The Project in combination with these cumulative schemes is not considered to affect the multi-period historic and evolved cultural significance.</p> <p>Overall the Project in combination with these cumulative schemes would result in localised effects on these Aspect areas which define the landscape character, with the cumulative developments mainly concentrated in areas that are already influenced by development. As such the introduction of the Project into this cumulative picture would result in a partial change to some of the landscape characteristics of the Project Site area although it would not be sufficient to diminish the overall integrity of the landscape.</p> <p>Cumulative magnitude of change would be Low which combined with the Medium sensitivity would result in a Minor Adverse cumulative effect which is not significant.</p>
Surrounding Landscape Character within 5 km study area					
Visual and Sensory Aspect Areas (within 5km of Project Site experiencing theoretical visibility as shown on Figure 11.9)					
Rhyd-y-pandy (17)	Moderate	<p><u>Value:</u> With reference to the LANDMAP overall evaluation, the value of this aspect area is considered to be medium.</p>	<p><u>Construction:</u> Direct effects on this aspect area are covered above in relation to the Project Site. Construction plant and activity associated with the Power Generation Plant, Gas Connection and Electrical Connection and AGI would</p>	<p>Minor Adverse Not significant</p>	<p>Not considered in cumulative assessment as residual Project effects are not significant.</p>

Landscape Resource		Sensitivity of Landscape Receptor	Magnitude of Landscape Change	Level of Effect/Significance of Landscape Effect	Cumulative Assessment
LANDMAP Aspect Area	LANDMAP Overall Evaluation				
		<p><u>Susceptibility:</u> The landscape resource is considered to have some capacity to accommodate the Project without effects upon its overall integrity. The pattern of the landscape reflects a mostly intact pattern of elements, with features in reasonable condition although a number of detracting elements exist such as the prominent power lines and more industrial features such as the Felindre Gas Compressor Station, Substations, solar farms and Felindre Water Treatment Works. Taking all of this into account, landscape susceptibility to change is Medium.</p> <p><u>Sensitivity:</u> Taking into account value judgements and susceptibility to change, overall sensitivity of the landscape character is considered to be Medium.</p>	<p>result in temporary and indirect effects across some of this aspect area. Tall construction plant such as cranes, lighting, increased vehicle movements and noise would result in greater effects in proximity to the Project Site where the construction of the Project would have a greater influence on the aesthetic and perceptual aspects of the landscape. However for the majority of the aspect area there would be little tangible effect upon the aesthetic and perceptual qualities as the tracts of woodland planting and intervening hedgerows and localised variations in landform limit the effects on the setting of the wider aspect area resulting in minimal change to the overall landscape character.</p> <p>Magnitude of change would be Low which combined with a Medium sensitivity would result in a Minor Adverse effect.</p>		
			<p><u>Operation:</u> Direct effects on this aspect area are covered above as part of the Project Site. Once operational the Power Generation Plant would be a locally prominent development within a small part of this aspect area. Indirect effects would be limited to parts of the aspect area in closer proximity to the Project Site. Whilst the ZTV suggests extensive theoretical visibility across the majority of this aspect area, the extensive tracts of woodland, hedgerows and localised variations in landform would substantially limit the indirect effects on this landscape. Furthermore this aspect area contains a number of features which are not dissimilar in nature to the Project including the Felindre Gas Compressor Station, Substations and numerous pylons and associated overhead lines which are prominent vertical structures across this aspect area. The overall character, scale and pattern of the landscape would remain largely unchanged.</p> <p>Magnitude of change would be Low with little change resulting to the overall character of this aspect area. Combined with the medium sensitivity, overall, Minor Adverse effects would result for this aspect area which would not diminish as the reinstatement planting matures (Figure 11.10) as this is considered to have most noticeable effect on the more localised landscape structure within the more immediate Project Site area and</p>	<p>Minor Adverse Not significant</p>	<p>Not considered in cumulative assessment as residual Project effects are not significant.</p>

Landscape Resource		Sensitivity of Landscape Receptor	Magnitude of Landscape Change	Level of Effect/Significance of Landscape Effect	Cumulative Assessment
LANDMAP Aspect Area	LANDMAP Overall Evaluation				
			not aspect area wide.		
Penllergaer Forest (19)	Moderate	<p><u>Value:</u> With reference to the LANDMAP overall evaluation, the value of this aspect area is considered to be medium.</p> <p><u>Susceptibility:</u> The landscape resource is considered to have some capacity to accommodate the Project without effects upon its overall integrity. The pattern of the landscape reflects a mostly intact pattern of elements, with features in reasonable condition although some detracting elements exist such as the prominent pylons and power lines as well as solar farms and adjacent industrial features such as the Gas Compressor Station and Substation. Taking all of this into account, landscape susceptibility to change is Medium.</p> <p><u>Sensitivity:</u> Taking into account value judgements and susceptibility to change, overall sensitivity of the landscape character is considered to be Medium.</p>	<p><u>Construction:</u> Direct effects on this aspect area are discussed above for the Project Site. Temporary indirect effects associated with the construction plant and activity would be substantially limited by the extensive tracts of woodland which would limit the temporary construction effects on the setting of this aspect area to very localised and peripheral areas in the east.</p> <p>As a result the magnitude of change would be Negligible which combined with a Medium sensitivity would result in a Negligible Effect and a scarcely perceptible change to the overall character of this aspect area.</p>	<p>Negligible Effect</p> <p>Not significant</p>	Not considered in cumulative assessment as residual Project effects are not significant.
			<p><u>Operation:</u> As with construction, the extensive tracts of woodland would substantially limit the extent of theoretical visibility across this aspect area. There would be a largely imperceptible effect on the aesthetic and perceptual qualities of this aspect area and on its setting with a resulting Negligible magnitude of change.</p> <p>The Negligible magnitude of change combined with the Medium sensitivity would result in a Negligible Effect during operation.</p>	<p>Negligible Effect</p> <p>Not significant</p>	Not considered in cumulative assessment as residual Project effects are not significant.
Myndd Gelliwastad (11)	Moderate	<p><u>Value:</u> With reference to the LANDMAP overall evaluation, the value of this aspect area is considered to be medium.</p> <p><u>Susceptibility:</u> The landscape resource is considered to have slightly less capacity to accommodate the Project without effects upon its overall integrity due to the open, upland character of this small aspect area which is distinct from adjoining areas. However, there are a number of prominent features such as pylons and overhead lines and other industrial development which are situated in adjoining aspect areas which reduces its susceptibility to the type of development</p>	<p><u>Construction:</u> Temporary, indirect effects associated with the construction plant and activity on the setting of this aspect area would be limited to the western half of the aspect area. Due to its open and upland context the construction activity and plant including lighting would result in a small influence on the setting and aesthetic and perceptual qualities of this aspect area.</p> <p>Magnitude of change would be Low which combined with the Medium sensitivity would result in a Minor Adverse effect.</p>	<p>Minor Adverse Effect</p> <p>Not significant</p>	Not considered in cumulative assessment as residual Project effects are not significant.
			<p><u>Operation:</u> Once operational the Project would appear within the adjacent aspect area in a similar vicinity as the existing Felindre Gas Compressor Station and Substations. The indirect effects on the setting of this aspect area are</p>	<p>Negligible Effect</p> <p>Not significant</p>	Not considered in cumulative assessment as residual Project effects are not significant.

Landscape Resource		Sensitivity of Landscape Receptor	Magnitude of Landscape Change	Level of Effect/Significance of Landscape Effect	Cumulative Assessment
LANDMAP Aspect Area	LANDMAP Overall Evaluation				
		<p>proposed. Taking this into account, landscape susceptibility to change is Medium.</p> <p><u>Sensitivity:</u> Taking into account value judgements and susceptibility to change, overall sensitivity of the landscape character is considered to be Medium.</p>	<p>unlikely to have any tangible effect upon the aesthetic and perceptual qualities of the aspect area or upon its overall character or setting.</p> <p>Magnitude of change would be Negligible which combined with a Medium sensitivity would result in Negligible Effect.</p>		
Pentwyn mawr (16)	High	<p><u>Value:</u> With reference to the LANDMAP overall evaluation, the value of this aspect area is considered to be High.</p> <p><u>Susceptibility:</u> The landscape resource is considered to have less capacity to accommodate the Project without effects upon its overall integrity due to the open, upland character of this aspect area which is dominated by exposure and elevated views. These distinctive elements and characteristics mean that this aspect area has a low capacity to accommodate the type of development proposed without effects upon its overall integrity. Taking this into account, landscape susceptibility to change is High.</p> <p><u>Sensitivity:</u> Taking into account value judgements and susceptibility to change, overall sensitivity of the landscape character is considered to be High.</p>	<p><u>Construction:</u> Temporary, indirect effects associated with the construction plant and activity on the setting of this aspect area would be limited to small areas along the southern periphery of this aspect area. However, due to the distance between these areas of influence in the aspect area and the Project, the construction activity and plant including lighting would have a largely imperceptible effect upon the aesthetic and perceptual qualities of this aspect area with the overall landscape character remaining unchanged. Magnitude of change would be Negligible which combined with the High sensitivity would result in a Negligible Effect.</p>	<p>Negligible Effect Not significant</p>	Not considered in cumulative assessment as residual Project effects are not significant.
			<p><u>Operation:</u> Once operational the Project would appear within the wooded context of the mosaic of rolling farmland within which other industrial development remains apparent. This would not have an effect on the setting of this aspect area and would have an imperceptible effect upon the aesthetic and perceptual qualities of this aspect area. Magnitude of change would be Negligible which combined with the High sensitivity would result in a Negligible Effect.</p>	<p>Negligible Effect Not significant</p>	
North of Clydach (2)	Moderate	<p><u>Value:</u> With reference to the LANDMAP overall evaluation, the value of this aspect area is considered to be Medium.</p>	<p><u>Construction:</u> Temporary, indirect effects associated with the construction plant and activity on the setting of this aspect area would be limited to the more elevated central part. Due to its more upland context the construction activity and plant including lighting would result in a small</p>	<p>Minor Adverse Effect Not significant</p>	Not considered in cumulative assessment as residual Project effects are not significant.

Landscape Resource		Sensitivity of Landscape Receptor	Magnitude of Landscape Change	Level of Effect/Significance of Landscape Effect	Cumulative Assessment
LANDMAP Aspect Area	LANDMAP Overall Evaluation				
		<p><u>Susceptibility:</u> The landscape resource is considered to have slightly less capacity to accommodate the Project without effects upon its overall integrity due to the upland character and distinct field system that clearly defines it. However, the area is bordered by the larger settlement of Clydach to the south which along with a number of prominent features such as pylons, overhead lines and industrial development situated in nearby aspect areas, reduces its susceptibility to the type of development proposed. Taking this into account, landscape susceptibility to change is Medium.</p> <p><u>Sensitivity:</u> Taking into account value judgements and susceptibility to change, overall sensitivity of the landscape character is considered to be Medium.</p>	<p>influence on the setting and aesthetic and perceptual qualities of this aspect area.</p> <p>Magnitude of change would be Low which combined with the Medium sensitivity would result in a Minor Adverse effect.</p>		
			<p><u>Operation:</u> Once operational the Project would appear within the surrounding aspect area of Rhyd-y-pandy to the west within a similar vicinity as the existing Felindre Gas Compressor Station and Substations. The long term indirect effects on the setting of this aspect area are unlikely to have any tangible effect upon the aesthetic and perceptual qualities of the aspect area or upon its overall character or setting.</p> <p>Magnitude of change would be Negligible which combined with a Medium sensitivity would result in Negligible Effect.</p>	<p>Negligible Effect</p> <p>Not significant</p>	<p>Not considered in cumulative assessment as residual Project effects are not significant.</p>

Table 2: Landscape Assessment - Power Generation Plant

Landscape Resource		Sensitivity of Landscape Receptor	Magnitude of Landscape Change	Level of Effect/Significance of Landscape Effect	Cumulative Assessment
LANDMAP Aspect Area	LANDMAP Overall Evaluation				
Landscape Character at Project Site Level					
Visual and Sensory Aspect Area (Figure 11.2)		<p><u>Value:</u> The aspect areas considered in the LANDMAP evaluation as being of High or Outstanding value tend not to be particularly apparent within the Project Site. Overall the landscape character of the Site is considered to be of Medium value.</p> <p><u>Susceptibility:</u> The landscape resource is considered to have some capacity to accommodate the Power Generation Plant without effects upon its overall integrity. The pattern of the landscape reflects a mostly intact pattern of elements, with features in reasonable condition although a number of detracting elements exist such as the prominent power lines and adjacent Felindre Gas Compressor Station and Substation. Taking all of this into account, landscape susceptibility to change is Medium.</p> <p><u>Sensitivity:</u> Taking into account value judgements and susceptibility to change, overall sensitivity of the landscape character is considered to be Medium.</p>	<p><u>Construction:</u> Construction of the Power Generation Plant would result in temporary adverse effects as a result of the construction plant and activities, laydown areas and temporary structures on site. During construction there would be a permanent loss of landscape features including grazing land, trees and scrub vegetation along with extensive earth re-profiling. Construction noise, activities and lighting would reduce the relative tranquillity in the vicinity of the Project Site. Construction of the Access Road would result in the removal of trees and some woodland although the wider woodland structure and its associated strong degree of enclosure and shelter it currently provides would remain intact.</p> <p>Across the Generating Equipment Site, the temporary presence of construction plant, activities and lighting would introduce noticeable features uncharacteristic of the landscape at present. As a result of these changes and the partial loss and alteration of some of the key characteristics, magnitude of change is considered to be Medium.</p> <p>The Medium sensitivity assessed combined with the Medium magnitude of change would result in a Moderate Adverse effect on landscape character during construction.</p> <p><u>Operation:</u> Once operational the Power Generation Plant would be a prominent feature within the immediate landscape of the Generating Equipment Site. It would result in the partial loss of landscape features, including grazing land, trees and scrub vegetation, which would result in a partial change to some of the landscape characteristics although it would not diminish the overall integrity of the landscape.</p> <p>The Access Road would lie substantially within the woodland characteristic of the Penllergaer Forest Aspect Area which would retain its qualities providing a strong degree of enclosure and shelter.</p> <p>Overall, across the Generating Equipment Site there would be a partial loss of some of the key characteristics of the landscape which would not result in an obvious change to the overall character of the area. These effects would be long term and partially reversible. At year of opening the magnitude of change would be Medium which when combined with the Medium sensitivity to change would result in a Moderate Adverse effect.</p> <p>Once the embedded structure planting around the Power Generation Plant establishes (Figure 11.10) it would assist in providing some additional structure to the landscape and in integrating elements of the development into the local landscape. Nonetheless, despite the establishment of the planting, the magnitude</p>	<p>Moderate Adverse</p> <p>Significant</p>	
Rhyd-y-pandy (17)	Moderate				
Penllergaer forest (19)	Moderate				
Landscape Habitats Aspect Area (Figure 11.3)					
North of Gorseinon and Swansea (4)	Moderate				
East of Penllergaer (6)	High				
Waun Y Garn Wen (20)	High				
Historic Landscape Aspect Area (Figure 11.4)					
H27 Gower Supraboscus Agricultural (6)	Outstanding				
Geological Landscape Aspect Area (Figure 11.5)					
Penllergaer (4)	Outstanding				
Cultural Landscape Aspect Area (Figure 11.6)					
The Mawr (14)	High				

Landscape Resource		Sensitivity of Landscape Receptor	Magnitude of Landscape Change	Level of Effect/Significance of Landscape Effect	Cumulative Assessment
LANDMAP Aspect Area	LANDMAP Overall Evaluation				
			of effect is considered to remain Medium at year 15 as there would remain a noticeable alteration of the existing components of the landscape of the Generating Equipment Site. This would result in a residual Moderate Adverse effect.		
Surrounding Landscape Character within 5 km study area					
Visual and Sensory Aspect Areas (within 5km of Generating Equipment Site experiencing theoretical visibility as shown on Figure 11.9)					
Rhyd-y-pandy (17)	Moderate	<p><u>Value:</u> With reference to the LANDMAP overall evaluation, the value of this aspect area is considered to be medium.</p> <p><u>Susceptibility:</u> The landscape resource is considered to have some capacity to accommodate the Power Generation Plant without effects upon its overall integrity. The pattern of the landscape reflects a mostly intact pattern of elements, with features in reasonable condition although a number of detracting elements exist such as the prominent power lines and more industrial features such as the Felindre Gas Compressor Station, Substations, solar farms and Felindre Water Treatment Works. Taking all of this into account, landscape susceptibility to change is Medium.</p> <p><u>Sensitivity:</u> Taking into account value judgements and susceptibility to change, overall sensitivity of the landscape character is considered to be Medium.</p>	<p><u>Construction:</u> Direct effects on this aspect area are covered above in relation to the Generating Equipment Site. Construction plant and activity associated with the Power Generation Plant would result in temporary and indirect effects across some of this aspect area. Tall construction plant such as cranes, lighting, increased vehicle movements and noise would result in greater effects in proximity to the Generating Equipment Site where the construction of the development would have a greater influence on the aesthetic and perceptual aspects of the landscape. However for the majority of the aspect area there would be little tangible effect upon the aesthetic and perceptual qualities as the tracts of woodland planting and intervening hedgerows and localised variations in landform limit the effects on the setting of the wider aspect area resulting in minimal change to the overall landscape character.</p> <p>Magnitude of change would be Low which combined with a Medium sensitivity would result in a Minor Adverse effect.</p>	<p>Minor Adverse Not significant</p>	
			<p><u>Operation:</u> Direct effects on this aspect area are covered above as part of the Generating Equipment Site. Once operational the Power Generation Plant would be a locally prominent development within a small part of this aspect area. Indirect effects would be limited to parts of the aspect area in closer proximity to the Generating Equipment Site. Whilst the ZTV suggests extensive theoretical visibility across the majority of this aspect area, the extensive tracts of woodland, hedgerows and localised variations in landform would substantially limit the indirect effects on this landscape. Furthermore this aspect area contains a number of features which are not dissimilar to the development including the Felindre Gas Compressor Station, Substations and numerous pylons and associated overhead lines which are prominent vertical structures across this aspect area. The overall character, scale and pattern of the landscape would remain largely unchanged.</p> <p>Magnitude of change would be Low with little change resulting to the overall character of this aspect area. Combined with the medium sensitivity, overall, Minor Adverse effects would result for this aspect area which would not diminish as the reinstatement planting matures as this is considered to have most noticeable effect on the more localised landscape structure within the more immediate Generating Equipment Site area and not aspect area wide.</p>	<p>Minor Adverse Not significant</p>	

Landscape Resource		Sensitivity of Landscape Receptor	Magnitude of Landscape Change	Level of Effect/Significance of Landscape Effect	Cumulative Assessment
LANDMAP Aspect Area	LANDMAP Overall Evaluation				
Penllergaer Forest (19)	Moderate	<p><u>Value:</u> With reference to the LANDMAP overall evaluation, the value of this aspect area is considered to be medium.</p> <p><u>Susceptibility:</u> The landscape resource is considered to have some capacity to accommodate the Power Generation Plant without effects upon its overall integrity. The pattern of the landscape reflects a mostly intact pattern of elements, with features in reasonable condition although some detracting elements exist such as the prominent pylons and power lines as well as solar farms and adjacent industrial features such as the Felindre Gas Compressor Station and Substation. Taking all of this into account, landscape susceptibility to change is Medium.</p> <p><u>Sensitivity:</u> Taking into account value judgements and susceptibility to change, overall sensitivity of the landscape character is considered to be Medium.</p>	<p><u>Construction:</u> Direct effects on this aspect area are discussed above for the Generating Equipment Site. Temporary indirect effects associated with the construction plant and activity would be substantially limited by the extensive tracts of woodland which would limit the temporary construction effects on the setting of this aspect area to very localised and peripheral areas in the east.</p> <p>As a result the magnitude of change would be Negligible which combined with a Medium sensitivity would result in a Negligible Effect and a scarcely perceptible change to the overall character of this aspect area.</p>	<p>Negligible Effect</p> <p>Not significant</p>	
			<p><u>Operation:</u> As with construction, the extensive tracts of woodland would substantially limit the extent of theoretical visibility across this aspect area. There would be a largely imperceptible effect on the aesthetic and perceptual qualities of this aspect area and on its setting with a resulting Negligible magnitude of change.</p> <p>The Negligible magnitude of change combined with the Medium sensitivity would result in a Negligible Effect during operation.</p>	<p>Negligible Effect</p> <p>Not significant</p>	
Myndd Gelliwastad (11)	Moderate	<p><u>Value:</u> With reference to the LANDMAP overall evaluation, the value of this aspect area is considered to be medium.</p> <p><u>Susceptibility:</u> The landscape resource is considered to have slightly less capacity to accommodate the Power Generation Plant without effects upon its overall integrity due to the open, upland character of this small aspect area which is distinct from adjoining areas. However, there are a number of prominent features such as pylons and overhead lines and other industrial development which are situated in adjoining aspect areas which reduces its susceptibility to the type of development proposed. Taking this into</p>	<p><u>Construction:</u> Temporary, indirect effects associated with the construction plant and activity on the setting of this aspect area would be limited to the western half of the aspect area. Due to its open and upland context the construction activity and plant including lighting would result in a small influence on the setting and aesthetic and perceptual qualities of this aspect area.</p> <p>Magnitude of change would be Low which combined with the Medium sensitivity would result in a Minor Adverse effect.</p>	<p>Minor Adverse Effect</p> <p>Not significant</p>	
			<p><u>Operation:</u> Once operational the Power Generation Plant would appear within the adjacent aspect area in similar vicinity as the existing Felindre Gas Compressor Station and Substations. The indirect effects on the setting of this aspect area are unlikely to have any tangible effect upon the aesthetic and perceptual qualities of the aspect area or upon its overall character or setting.</p> <p>Magnitude of change would be Negligible which combined with a Medium</p>	<p>Negligible Effect</p> <p>Not significant</p>	

Landscape Resource		Sensitivity of Landscape Receptor	Magnitude of Landscape Change	Level of Effect/Significance of Landscape Effect	Cumulative Assessment
LANDMAP Aspect Area	LANDMAP Overall Evaluation				
		<p>account, landscape susceptibility to change is Medium.</p> <p><u>Sensitivity:</u> Taking into account value judgements and susceptibility to change, overall sensitivity of the landscape character is considered to be Medium.</p>	<p>sensitivity would result in Negligible Effect.</p>		
Pentwyn mawr (16)	High	<p><u>Value:</u> With reference to the LANDMAP overall evaluation, the value of this aspect area is considered to be High.</p> <p><u>Susceptibility:</u> The landscape resource is considered to have less capacity to accommodate Power Generation Plant without effects upon its overall integrity due to the open, upland character of this aspect area which is dominated by exposure and elevated views. These distinctive elements and characteristics mean that this aspect area has a low capacity to accommodate the type of development proposed without effects upon its overall integrity. Taking this into account, landscape susceptibility to change is High.</p> <p><u>Sensitivity:</u> Taking into account value judgements and susceptibility to change, overall sensitivity of the landscape character is considered to be High.</p>	<p><u>Construction:</u> Temporary, indirect effects associated with the construction plant and activity on the setting of this aspect area would be limited to small areas along the southern periphery of this aspect area. However, due to the distance between these areas of influence in the aspect area and the development, the construction activity and plant including lighting would have a largely imperceptible effect upon the aesthetic and perceptual qualities of this aspect area with the overall landscape character remaining unchanged.</p> <p>Magnitude of change would be Negligible which combined with the High sensitivity would result in a Negligible Effect.</p>	<p>Negligible Effect</p> <p>Not significant</p>	
			<p><u>Operation:</u> Once operational the Power Generation Plant would appear within the wooded context of the mosaic of rolling farmland within which other industrial development remains apparent. This would not have an effect on the setting of this aspect area and would have an imperceptible effect upon the aesthetic and perceptual qualities of this aspect area.</p> <p>Magnitude of change would be Negligible which combined with the High sensitivity would result in a Negligible Effect.</p>	<p>Negligible Effect</p> <p>Not significant</p>	
North of Clydach (2)	Moderate	<p><u>Value:</u> With reference to the LANDMAP overall evaluation, the value of this aspect area is considered to be Medium.</p> <p><u>Susceptibility:</u> The landscape resource is considered to have slightly less capacity to accommodate the Power Generation Plant without effects upon its overall</p>	<p><u>Construction:</u> Temporary, indirect effects associated with the construction plant and activity on the setting of this aspect area would be limited to the more elevated central part. Due to its more upland context the construction activity and plant including lighting would result in a small influence on the setting and aesthetic and perceptual qualities of this aspect area.</p> <p>Magnitude of change would be Low which combined with the Medium sensitivity would result in a Minor Adverse effect.</p>	<p>Minor Adverse Effect</p> <p>Not significant</p>	

Landscape Resource		Sensitivity of Landscape Receptor	Magnitude of Landscape Change	Level of Effect/Significance of Landscape Effect	Cumulative Assessment
LANDMAP Aspect Area	LANDMAP Overall Evaluation				
		<p>integrity due to the upland character and distinct field system that clearly defines it. However, the area is bordered by the larger settlement of Clydach to the south which along with a number of prominent features such as pylons, overhead lines and industrial development situated in nearby aspect areas, reduces its susceptibility to the type of development proposed. Taking this into account, landscape susceptibility to change is Medium.</p> <p><u>Sensitivity:</u> Taking into account value judgements and susceptibility to change, overall sensitivity of the landscape character is considered to be Medium.</p>	<p><u>Operation:</u> Once operational the Power Generation Plant would appear within the surrounding aspect area of Rhyd-y-pandy to the west within a similar vicinity as the existing Gas Compressor Station and substations. The long term indirect effects on the setting of this aspect area are unlikely to have any tangible effect upon the aesthetic and perceptual qualities of the aspect area or upon its overall character or setting.</p> <p>Magnitude of change would be Negligible which combined with a Medium sensitivity would result in a Negligible Effect.</p>	<p>Negligible Effect</p> <p>Not significant</p>	

Table 3: Landscape Assessment - Gas Connection

Landscape Resource		Sensitivity of Landscape Receptor	Magnitude of Landscape Effect	Level of Effect/Significance of Landscape Effect	Cumulative Assessment
LANDMAP Aspect Area	LANDMAP Overall Evaluation				
Landscape Character at Project Site Level					
Visual and Sensory Aspect Area (Figure 11.2)		<p><u>Value:</u> The aspect areas considered in the LANDMAP evaluation as being of High or Outstanding value tend not to be particularly apparent within the Project Site. Overall the landscape character of the Site is considered to be of Medium value.</p> <p><u>Susceptibility:</u> The landscape resource is considered to have some capacity to accommodate the Gas Connection without effects upon its overall integrity. The pattern of the landscape reflects a mostly intact pattern of elements, with features in reasonable condition although a number of detracting elements exist such as the prominent power lines and adjacent Gas Compressor Station and Substation. Taking all of this into account, landscape susceptibility to change is Medium.</p> <p><u>Sensitivity:</u> Taking into account value judgements and susceptibility to change, overall sensitivity of the landscape character is considered to be Medium.</p>	<p><u>Construction:</u> The construction of the Gas Connection would result in temporary adverse effects as a result of the construction plant and activity involved in constructing the AGI along with an Access Road into it off the Rhyd-y-pandy road and the underground gas pipeline. The open trench method of constructing the underground gas pipeline connection would result in the temporary removal of grazing land and the permanent removal of sections of field boundary hedgerow and trees. Construction noise, activities and lighting would reduce the relative tranquillity in the vicinity of the Gas Connection Site for a temporary and relatively short period of time.</p> <p>Across the Pipeline route and AGI, the temporary presence of construction plant, activities and lighting would introduce noticeable features uncharacteristic of the landscape at present. As a result of these changes and the partial loss and alteration of some of the key characteristics, magnitude of change is considered to be Medium.</p> <p>The Medium sensitivity assessed combined with the Medium magnitude of change would result in a Moderate Adverse effect on landscape character during construction.</p> <p><u>Operation:</u> The route of the Gas Connection would be reinstated upon operation with fields returned to grazing and field boundaries reinstated with hedgerow and tree planting. Structure planting and reinstatement boundary vegetation would be planted around the AGI to assist in assimilating it within the immediate landscape pattern (Figure 11.10). Planting would extend up to existing field boundaries in order to retain the field pattern and avoid land severance.</p> <p>At year of opening the AGI would remain a new, although not entirely uncharacteristic component of the landscape and the magnitude of change would be Low. Once the structure planting around the AGI establishes it would assist in providing partial screening and some additional structure to the landscape which alongside the reinstatement hedgerow planting and fields returned to grazing along the Gas Connection Route would assist in integrating elements of the development into the local landscape. Overall there would be some small changes to some localised landscape features which would result in little change to the overall landscape character. The magnitude of effect is considered to be Low which combined with the Medium sensitivity would result in a Minor Adverse effect on the landscape character.</p>	<p>Moderate Adverse</p> <p>Significant</p>	
Rhyd-y-pandy (17)	Moderate				
Penllergaer Forest (19)	Moderate				
Landscape Habitats Aspect Area (Figure 11.3)					
North of Gorseinon and Swansea (4)	Moderate				
East of Penllergaer (6)	High				
Waun Y Garn Wen (20)	High				
Historic Landscape Aspect Area (Figure 11.4)					
H27 Gower Supraboscus Agricultural (6)	Outstanding				
Geological Landscape Aspect Area (Figure 11.5)					
Penllergaer (4)	Outstanding				
Cultural Landscape Aspect Area (Figure 11.6)					
The Mawr (14)	High				

Landscape Resource		Sensitivity of Landscape Receptor	Magnitude of Landscape Effect	Level of Effect/Significance of Landscape Effect	Cumulative Assessment
LANDMAP Aspect Area	LANDMAP Overall Evaluation				
Surrounding Landscape Character within 5 km study area					
Visual and Sensory Aspect Areas (within 5km of Gas Connection experiencing theoretical visibility as shown on Figure 11.9)					
Rhyd-y-pandy (17)	Moderate	<p><u>Value:</u> With reference to the LANDMAP overall evaluation, the value of this aspect area is considered to be medium.</p> <p><u>Susceptibility:</u> The landscape resource is considered to have some capacity to accommodate the Gas Connection without effects upon its overall integrity. The pattern of the landscape reflects a mostly intact pattern of elements, with features in reasonable condition although a number of detracting elements exist such as the prominent power lines and more industrial features such as the Felindre Gas Compressor Station, Substations, solar farms and Felindre Water Treatment Works. Taking all of this into account, landscape susceptibility to change is Medium.</p> <p><u>Sensitivity:</u> Taking into account value judgements and susceptibility to change, overall sensitivity of the landscape character is considered to be Medium.</p>	<p><u>Construction:</u> Direct effects on this aspect area are covered above in relation to the Gas Connection Site. Construction plant and activity associated with the Gas Connection including the AGI would result in temporary and indirect effects across some of this aspect area. Tall construction plant such as cranes, lighting, increased vehicle movements and noise would result in greater effects in proximity to the Site where the construction of the Gas Connection would have a greater influence on the aesthetic and perceptual aspects of the landscape. However for the majority of the aspect area there would be little tangible effect upon the aesthetic and perceptual qualities as the tracts of woodland planting and intervening hedgerows and localised variations in landform limit the effects on the setting of the wider aspect area resulting in minimal change to the overall landscape character.</p> <p>Magnitude of change would be Low which combined with a Medium sensitivity would result in a Minor Adverse effect.</p>	<p>Minor Adverse Not significant</p>	
			<p><u>Operation:</u> Direct effects on this aspect area are covered above as part of the Gas Connection Site. Once operational the Gas Connection route would be reinstated and the AGI would be a locally noticeable structure within a small part of this aspect area. Once the mitigation planting establishes much of the structure would be screened and successfully integrated into the immediate landscape setting (Figure 11.10). Indirect effects would be limited to parts of the aspect area in closer proximity to the AGI with the extensive tracts of woodland, hedgerows and localised variations in landform present across much of this aspect area substantially limiting the indirect effects on this landscape. Furthermore this aspect area contains a number of features which are not dissimilar to the development including the Gas Compressor Station, substations and numerous pylons and associated overhead lines which are prominent vertical structures across this aspect area. The overall character, scale and pattern of the landscape would remain largely unchanged.</p> <p>Magnitude of change would be Low with little change resulting to the overall character of this aspect area. Combined with the medium sensitivity, overall, Minor Adverse effects would result for this aspect area which would not diminish as the reinstatement planting matures as this is considered to have most noticeable effect on the more localised landscape structure within the more immediate Project Site area and not aspect area wide.</p>	<p>Minor Adverse Not significant</p>	

Landscape Resource		Sensitivity of Landscape Receptor	Magnitude of Landscape Effect	Level of Effect/Significance of Landscape Effect	Cumulative Assessment
LANDMAP Aspect Area	LANDMAP Overall Evaluation				
Penllergaer Forest (19)	Moderate	<p><u>Value:</u> With reference to the LANDMAP overall evaluation, the value of this aspect area is considered to be medium.</p> <p><u>Susceptibility:</u> The landscape resource is considered to have some capacity to accommodate Gas Connection without effects upon its overall integrity. The pattern of the landscape reflects a mostly intact pattern of elements, with features in reasonable condition although some detracting elements exist such as the prominent pylons and power lines as well as solar farms and adjacent industrial features such as the Felindre Gas Compressor Station and Substation. Taking all of this into account, landscape susceptibility to change is Medium.</p> <p><u>Sensitivity:</u> Taking into account value judgements and susceptibility to change, overall sensitivity of the landscape character is considered to be Medium.</p>	<p><u>Construction:</u> Direct effects on this aspect area are discussed above for the Gas Connection Site. Temporary indirect effects associated with the construction plant and activity would be substantially limited by the extensive tracts of woodland which would limit the temporary construction effects on the setting of this aspect area to very localised and peripheral areas in the east.</p> <p>As a result the magnitude of change would be Negligible which combined with a Medium sensitivity would result in a Negligible Effect and a scarcely perceptible change to the overall character of this aspect area.</p>	<p>Negligible Effect</p> <p>Not significant</p>	
			<p><u>Operation:</u> As with construction, the extensive tracts of woodland would substantially limit the extent of theoretical visibility across this aspect area. There would be a largely imperceptible effect on the aesthetic and perceptual qualities of this aspect area and on its setting with a resulting Negligible magnitude of change.</p> <p>The Negligible magnitude of change combined with the Medium sensitivity would result in a Negligible Effect during operation.</p>	<p>Negligible Effect</p> <p>Not significant</p>	
Myndd Gelliwastad (11)	Moderate	<p><u>Value:</u> With reference to the LANDMAP overall evaluation, the value of this aspect area is considered to be medium.</p> <p><u>Susceptibility:</u> The landscape resource is considered to have slightly less capacity to accommodate the Gas Connection without effects upon its overall integrity due to the open, upland character of this small aspect area which is distinct from adjoining areas. However, there are a number of prominent features such as pylons and overhead lines and other industrial development which are situated in adjoining aspect areas which reduces its susceptibility to the type of development proposed. Taking this into</p>	<p><u>Construction:</u> Temporary, indirect effects associated with the construction plant and activity on the setting of this aspect area would be limited to the western half of the aspect area. Due to its open and upland context the construction activity and plant including lighting would result in a small influence on the setting and aesthetic and perceptual qualities of this aspect area.</p> <p>Magnitude of change would be Low which combined with the Medium sensitivity would result in a Minor Adverse effect.</p>	<p>Minor Adverse Effect</p> <p>Not significant</p>	
			<p><u>Operation:</u> Once operational the Gas Connection route would be reinstated and the AGI would appear within the adjacent aspect area in a similar vicinity as the Waste Water Treatment Works. The indirect effects on the setting of this aspect area are unlikely to have any tangible effect upon the aesthetic and perceptual qualities of the aspect area or upon its overall character or setting.</p>	<p>Negligible Effect</p> <p>Not significant</p>	

Landscape Resource		Sensitivity of Landscape Receptor	Magnitude of Landscape Effect	Level of Effect/Significance of Landscape Effect	Cumulative Assessment
LANDMAP Aspect Area	LANDMAP Overall Evaluation				
		<p>account, landscape susceptibility to change is Medium.</p> <p><u>Sensitivity:</u> Taking into account value judgements and susceptibility to change, overall sensitivity of the landscape character is considered to be Medium.</p>	<p>Magnitude of change would be Negligible which combined with a Medium sensitivity would result in Negligible Effect.</p>		
Pentwyn mawr (16)	High	<p><u>Value:</u> With reference to the LANDMAP overall evaluation, the value of this aspect area is considered to be High.</p> <p><u>Susceptibility:</u> The landscape resource is considered to have less capacity to accommodate the Gas Connection without effects upon its overall integrity due to the open, upland character of this aspect area which is dominated by exposure and elevated views. These distinctive elements and characteristics mean that this aspect area has a low capacity to accommodate the type of development proposed without effects upon its overall integrity. Taking this into account, landscape susceptibility to change is High.</p> <p><u>Sensitivity:</u> Taking into account value judgements and susceptibility to change, overall sensitivity of the landscape character is considered to be High.</p>	<p><u>Construction:</u> Temporary, indirect effects associated with the construction plant and activity on the setting of this aspect area would be limited to small areas along the southern periphery of this aspect area. However, due to the distance between these areas of influence in the aspect area and the development, the construction activity and plant including lighting would have a largely imperceptible effect upon the aesthetic and perceptual qualities of this aspect area with the overall landscape character remaining unchanged. Magnitude of change would be Negligible which combined with the High sensitivity would result in a Negligible Effect.</p>	<p>Negligible Effect</p> <p>Not significant</p>	
			<p><u>Operation:</u> Once operational the Gas Connection route would be reinstated and the AGI would appear within the wooded context of the mosaic of rolling farmland within which other industrial development remains apparent. This would not have an effect on the setting of this aspect area and would have an imperceptible effect upon the aesthetic and perceptual qualities of this aspect area. Magnitude of change would be Negligible which combined with the High sensitivity would result in a Negligible Effect.</p>	<p>Negligible Effect</p> <p>Not significant</p>	
North of Clydach (2)	Moderate	<p><u>Value:</u> With reference to the LANDMAP overall evaluation, the value of this aspect area is considered to be Medium.</p> <p><u>Susceptibility:</u> The landscape resource is considered to have slightly less capacity to accommodate the Gas Connection without effects upon</p>	<p><u>Construction:</u> Temporary, indirect effects associated with the construction plant and activity on the setting of this aspect area would be limited to the more elevated central part. Due to its more upland context the construction activity and plant including lighting would result in a very small influence on the setting and aesthetic and perceptual qualities of this aspect area. Magnitude of change would be Low which combined with the Medium sensitivity would result in a Minor Adverse effect.</p>	<p>Minor Adverse Effect</p> <p>Not significant</p>	

Landscape Resource		Sensitivity of Landscape Receptor	Magnitude of Landscape Effect	Level of Effect/Significance of Landscape Effect	Cumulative Assessment
LANDMAP Aspect Area	LANDMAP Overall Evaluation				
		<p>its overall integrity due to the upland character and distinct field system that clearly defines it. However, the area is bordered by the larger settlement of Clydach to the south which along with a number of prominent features such as pylons, overhead lines and industrial development situated in nearby aspect areas, reduces its susceptibility to the type of development proposed. Taking this into account, landscape susceptibility to change is Medium.</p> <p><u>Sensitivity:</u> Taking into account value judgements and susceptibility to change, overall sensitivity of the landscape character is considered to be Medium.</p>	<p><u>Operation:</u> Once operational the Gas Connection route would be reinstated and the AGI would appear within the surrounding aspect area of Rhyd-y-pandy to the west within a similar vicinity as the Water Treatment Works and adjacent solar farms. The long term indirect effects on the setting of this aspect area are unlikely to have any tangible effect upon the aesthetic and perceptual qualities of the aspect area or upon its overall character or setting.</p> <p>Magnitude of change would be Negligible which combined with a Medium sensitivity would result in Negligible Effect.</p>	<p>Negligible Effect</p> <p>Not significant</p>	

Table 4: Landscape Assessment - Electrical Connection

Landscape Resource		Sensitivity of Landscape Receptor	Magnitude of Landscape Effect	Level of Effect/Significance of Landscape Effect	Cumulative Assessment
LANDMAP Aspect Area	LANDMAP Overall Evaluation				
Landscape Character at Project Site Level					
Visual and Sensory Aspect Area (Figure 11.2)		<p><u>Value:</u> The aspect areas considered in the LANDMAP evaluation as being of High or Outstanding value tend not to be particularly apparent within the Project Site area. Overall the landscape character of the Site is considered to be of Medium value.</p> <p><u>Susceptibility:</u> The landscape resource is considered to have some capacity to accommodate the Electrical Connection without effects upon its overall integrity. The pattern of the landscape reflects a mostly intact pattern of elements, with features in reasonable condition although a number of detracting elements exist such as the prominent power lines and adjacent Gas Compressor Station and Substation. Taking all of this into account, landscape susceptibility to change is Medium.</p> <p><u>Sensitivity:</u> Taking into account value judgements and susceptibility to change, overall sensitivity of the landscape character is considered to be Medium.</p>	<p><u>Construction:</u> The construction of the Electrical Connection would result in temporary adverse effects as a result of the construction plant and activity involved. The Electrical Connection route would follow the alignment of the new Access Road and so disruption associated with its construction would be similar to that of the new Access Road as described in the Power Generation Plant section above. This would entail the removal of trees and some woodland although the wider woodland structure and its associated strong degree of enclosure and shelter it currently provides would remain intact.</p> <p>Construction plant and activity would be very localised and would be within the parts of the landscape that are currently heavily influenced by overhead transmission lines, pylons, the Gas Compressor Station and Substation. As a result the temporary changes and the partial loss of some of landscape characteristics would result in a Low magnitude of change.</p> <p>The Medium sensitivity assessed combined with the Low magnitude of change would result in a Minor Adverse effect on landscape character during construction.</p> <p><u>Operation:</u> Once operational the Electrical Connection would be buried alongside the Access Road. This would lie substantially within the woodland characteristic of the Penllergaer Forest Aspect Area which would retain its qualities providing a strong degree of enclosure and shelter.</p> <p>The character of the landscape and its inherent features would remain unchanged and as such there would be scarcely any perceptible change in the character resulting in a Negligible magnitude. The Medium sensitivity combined with the Negligible magnitude of change would result in a Negligible effect.</p>	<p>Minor Adverse</p> <p>Not significant</p>	
Rhyd-y-pandy (17)	Moderate				
Penllergaer Forest (19)	Moderate				
Landscape Habitats Aspect Area (Figure 11.3)					
North of Gorseinon and Swansea (4)	Moderate				
East of Penllergaer (6)	High				
Waun Y Garn Wen (20)	High				
Historic Landscape Aspect Area (Figure 11.4)		<p><u>Operation:</u> Once operational the Electrical Connection would be buried alongside the Access Road. This would lie substantially within the woodland characteristic of the Penllergaer Forest Aspect Area which would retain its qualities providing a strong degree of enclosure and shelter.</p>	<p>Negligible</p> <p>Not significant</p>		
H27 Gower Supraboscus Agricultural (6)	Outstanding				
Geological Landscape Aspect Area (Figure 11.5)		<p>The character of the landscape and its inherent features would remain unchanged and as such there would be scarcely any perceptible change in the character resulting in a Negligible magnitude. The Medium sensitivity combined with the Negligible magnitude of change would result in a Negligible effect.</p>	<p>Negligible</p> <p>Not significant</p>		
Penllergaer (4)	Outstanding				
Cultural Landscape Aspect Area (Figure 11.6)		<p>The character of the landscape and its inherent features would remain unchanged and as such there would be scarcely any perceptible change in the character resulting in a Negligible magnitude. The Medium sensitivity combined with the Negligible magnitude of change would result in a Negligible effect.</p>	<p>Negligible</p> <p>Not significant</p>		
The Mawr (14)	High				
Surrounding Landscape Character within 5 km study area					
Visual and Sensory Aspect Areas (within 5km of Electrical Connection experiencing theoretical visibility as shown on Figure 11.9)					
Rhyd-y-pandy (17)	Moderate	<p><u>Value:</u> With reference to the LANDMAP overall evaluation, the value of this aspect area is considered to be medium.</p> <p><u>Susceptibility:</u></p>	<p><u>Construction:</u> Direct effects on this aspect area are covered above in relation to the Electrical Connection. Construction plant and activity associated with the Electrical Connection would result in temporary and indirect effects across some of this aspect area. Construction plant, lighting, increased vehicle movements and noise would result in slightly greater effects in proximity to the Site where the construction of the Electrical Connection would have more influence on the</p>	<p>Minor Adverse</p> <p>Not significant</p>	

Landscape Resource		Sensitivity of Landscape Receptor	Magnitude of Landscape Effect	Level of Effect/Significance of Landscape Effect	Cumulative Assessment
LANDMAP Aspect Area	LANDMAP Overall Evaluation				
		<p>The landscape resource is considered to have some capacity to accommodate the Electrical Connection without effects upon its overall integrity. The pattern of the landscape reflects a mostly intact pattern of elements, with features in reasonable condition although a number of detracting elements exist such as the prominent power lines and more industrial features such as the Gas Compressor Station, substations, solar farms and water treatment works. Taking all of this into account, landscape susceptibility to change is Medium.</p> <p><u>Sensitivity:</u> Taking into account value judgements and susceptibility to change, overall sensitivity of the landscape character is considered to be Medium.</p>	<p>aesthetic and perceptual aspects of the landscape. However for the majority of the aspect area there would be little tangible effect upon the aesthetic and perceptual qualities as the tracts of woodland planting and intervening hedgerows and localised variations in landform limit the effects on the setting of the wider aspect area resulting in minimal change to the overall landscape character.</p> <p>Magnitude of change would be Low which combined with a Medium sensitivity would result in a Minor Adverse effect.</p>		
			<p><u>Operation:</u> Direct effects on this aspect area are covered above as part of the Electrical Connection Site. Once operational the Electrical Connection would be buried alongside the Access Road and there would be no discernible effects on this wider aspect area with the overall character, scale and pattern of the landscape remaining unchanged.</p> <p>Magnitude of change would be Negligible which combined with the Medium sensitivity would result in a Negligible effect.</p>	<p>Negligible Effect Not significant</p>	
Penllergaer Forest (19)	Moderate	<p><u>Value:</u> With reference to the LANDMAP overall evaluation, the value of this aspect area is considered to be medium.</p> <p><u>Susceptibility:</u> The landscape resource is considered to have some capacity to accommodate the Electrical Connection without effects upon its overall integrity. The pattern of the landscape reflects a mostly intact pattern of elements, with features in reasonable condition although some detracting elements exist such as the prominent pylons and power lines as well as solar farms and adjacent industrial features such as the Gas Compressor Station and substation. Taking all of this into account, landscape susceptibility to change is Medium.</p> <p><u>Sensitivity:</u> Taking into account value judgements and</p>	<p><u>Construction:</u> Direct effects on this aspect area are discussed above for the Electrical Connection Site. Temporary indirect effects associated with the construction plant and activity would be substantially limited by the extensive tracts of woodland which would limit the temporary construction effects on the setting of this aspect area to very localised and peripheral areas in the east.</p> <p>As a result the magnitude of change would be Negligible which combined with a Medium sensitivity would result in a Negligible Effect and a scarcely perceptible change to the overall character of this aspect area.</p> <p><u>Operation:</u> Once operational the Electrical Connection would be entirely buried and the ground reinstated adjacent to the Access Road. The extensive tracts of woodland would substantially limit the extent of theoretical visibility across this aspect area. There would be a largely imperceptible effect on the aesthetic and perceptual qualities of this aspect area and on its setting with a resulting Negligible magnitude of change.</p> <p>The Negligible magnitude of change combined with the Medium sensitivity would result in a Negligible Effect during operation.</p>	<p>Negligible Effect Not significant</p>	
				<p>Negligible Effect Not significant</p>	

Landscape Resource		Sensitivity of Landscape Receptor	Magnitude of Landscape Effect	Level of Effect/Significance of Landscape Effect	Cumulative Assessment
LANDMAP Aspect Area	LANDMAP Overall Evaluation				
		<p>susceptibility to change, overall sensitivity of the landscape character is considered to be Medium.</p>			
Myndd Gelliwastad (11)	Moderate	<p><u>Value:</u> With reference to the LANDMAP overall evaluation, the value of this aspect area is considered to be medium.</p> <p><u>Susceptibility:</u> The landscape resource is considered to have slightly less capacity to accommodate the Electrical Connection without effects upon its overall integrity due to the open, upland character of this small aspect area which is distinct from adjoining areas. However, there are a number of prominent features such as pylons and overhead lines and other industrial development which are situated in adjoining aspect areas which reduces its susceptibility to the type of development proposed. Taking this into account, landscape susceptibility to change is Medium.</p> <p><u>Sensitivity:</u> Taking into account value judgements and susceptibility to change, overall sensitivity of the landscape character is considered to be Medium.</p>	<p><u>Construction:</u> Temporary, indirect effects associated with the construction plant and activity on the setting of this aspect area would be limited to the western half of the aspect area. Due to its open and upland context the construction activity and plant including lighting would result in a very small influence on the setting and aesthetic and perceptual qualities of this aspect area.</p> <p>Magnitude of change would be Low which combined with the Medium sensitivity would result in a Minor Adverse effect.</p>	<p>Minor Adverse Effect</p> <p>Not significant</p>	
			<p><u>Operation:</u> Once operational the Electrical Connection would be entirely buried and the ground reinstated adjacent to the Access Road. There would be a largely imperceptible indirect effect on the setting of this aspect area with no tangible effect upon the aesthetic and perceptual qualities of the aspect area or upon its overall character or setting.</p> <p>Magnitude of change would be Negligible which combined with a Medium sensitivity would result in Negligible Effect.</p>	<p>Negligible Effect</p> <p>Not significant</p>	
Pentwyn mawr (16)	High	<p><u>Value:</u> With reference to the LANDMAP overall evaluation, the value of this aspect area is considered to be High.</p> <p><u>Susceptibility:</u> The landscape resource is considered to have less capacity to accommodate the Electrical Connection without effects upon its overall integrity due to the open, upland character of this aspect area which is dominated by exposure and elevated views. These distinctive elements and characteristics mean that this aspect area</p>	<p><u>Construction:</u> Temporary, indirect effects associated with the construction plant and activity on the setting of this aspect area would be limited to small areas along the southern periphery of this aspect area. However, due to the distance between these areas of influence in the aspect area and the Electrical Connection, the construction activity and plant including lighting would have a largely imperceptible effect upon the aesthetic and perceptual qualities of this aspect area with the overall landscape character remaining unchanged.</p> <p>Magnitude of change would be Negligible which combined with the High sensitivity would result in a Negligible Effect.</p>	<p>Negligible Effect</p> <p>Not significant</p>	
			<p><u>Operation:</u> Once operational the Electrical Connection would be entirely buried and the ground reinstated adjacent to the Access Road. There would be a largely imperceptible indirect effect on the setting of this aspect area with no tangible</p>	<p>Negligible Effect</p> <p>Not significant</p>	

Landscape Resource		Sensitivity of Landscape Receptor	Magnitude of Landscape Effect	Level of Effect/Significance of Landscape Effect	Cumulative Assessment
LANDMAP Aspect Area	LANDMAP Overall Evaluation				
		<p>has a low capacity to accommodate the type of development proposed without effects upon its overall integrity. Taking this into account, landscape susceptibility to change is High.</p> <p><u>Sensitivity:</u> Taking into account value judgements and susceptibility to change, overall sensitivity of the landscape character is considered to be High.</p>	<p>effect upon the aesthetic and perceptual qualities of the aspect area or upon its overall character or setting.</p> <p>Magnitude of change would be Negligible which combined with the High sensitivity would result in a Negligible Effect.</p>		
North of Clydach (2)	Moderate	<p><u>Value:</u> With reference to the LANDMAP overall evaluation, the value of this aspect area is considered to be Medium.</p> <p><u>Susceptibility:</u> The landscape resource is considered to have slightly less capacity to accommodate the Electrical Connection without effects upon its overall integrity due to the upland character and distinct field system that clearly defines it. However, the area is bordered by the larger settlement of Clydach to the south which along with a number of prominent features such as pylons, overhead lines and industrial development situated in nearby aspect areas, reduces its susceptibility to the type of development proposed. Taking this into account, landscape susceptibility to change is Medium.</p> <p><u>Sensitivity:</u> Taking into account value judgements and susceptibility to change, overall sensitivity of the landscape character is considered to be Medium.</p>	<p><u>Construction:</u> Temporary, indirect effects associated with the construction plant and activity on the setting of this aspect area would be limited to the more elevated central part. Due to its more upland context the construction activity and plant including lighting would result in a very small influence on the setting and aesthetic and perceptual qualities of this aspect area.</p> <p>Magnitude of change would be Low which combined with the Medium sensitivity would result in a Minor Adverse effect.</p>	<p>Minor Adverse Effect</p> <p>Not significant</p>	
		<p><u>Operation:</u> Once operational the Electrical Connection would be entirely buried and the ground reinstated adjacent to the Access Road. There would be a largely imperceptible indirect effect on the setting of this aspect area with no tangible effect upon the aesthetic and perceptual qualities of the aspect area or upon its overall character or setting.</p> <p>Magnitude of change would be Negligible which combined with a Medium sensitivity would result in Negligible Effect.</p>	<p>Negligible Effect</p> <p>Not significant</p>		