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## Connah's Quay Low Carbon Power

# Environmental Statement Volume IV Appendix 15-H: LANDMAP Landscape Assessment

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# 1. Introduction

## 1.1 Purpose of this Report

- 1.1.1 The following assessment of visual sensory units (according to LANDMAP Wales, Ref 1) located within the study area as shown in **Figure 15-2: Study Area (EN010166/APP/6.3)** has been carried out in addition to the assessment of the landscape character areas to provide a further detailed level of assessment of aspects of the landscape character. Visual sensory units are classified into Unique IDs (UID) according to LANDMAP Wales (Ref 1). This assessment follows the guidance contained within LANDMAP Guidance Note 46 (Ref 2). Some of the visual sensory areas have been named by the Applicant due to missing area names in LANDMAP Wales.
- 1.1.2 Visual sensory units that are defined as Urban and Road Corridor have been excluded from the assessment as a result of the low value assigned to these units. Visual sensory units that are defined as Village and Developed Unbuilt Land have been amalgamated into their adjacent units where characteristics are of a similar nature. This follows a similar approach to published landscape character assessments. The landscape character area descriptions, value of receptor, susceptibility and overall sensitivity of landscape character areas have taken into account all LANDMAP datasets as listed:
- Geological landscape;
  - Landscape habitats;
  - Visual and sensory;
  - Historic landscape; and
  - Cultural landscape services.
- 1.1.3 The location of UIDs are shown in **Figure 15-4B2: LANDMAP Visual Sensory (EN010166/APP/6.3)**.
- 1.1.4 The potential impacts and associated effects of decommissioning are considered to be similar to construction and therefore construction and decommissioning are considered together in **Table 1**.

**Table 1: LANDMAP Landscape Assessment – Visual Sensory**

UID	Landscape Character Area	Landscape Character Area Description	Visual and Sensory Value	Value of receptor	Susceptibility	Sensitivity of receptor	Description of landscape effects – Construction	Significance of effect	Description of landscape effects - Operation	Significance of effect
FLNTVS001	Clwydian Range	Clwydian Range, designated as National Landscape - high upland ridge and peaks rising to 554m with a distinctly smooth rounded profile, steep slopes and semi-natural rough open moorland cover forming the highest parts of the County.	Outstanding	High	High	High	Construction of the Proposed Development would introduce long distance views of additional power related structures within a number of views in this attractive upland of the Clwydian Range. Due to available long-range views containing large-scale industrial structures, it is considered that the addition of construction operations associated with the Proposed Development would cause no perceptible change to the landscape character and tranquillity of the LCA. Impacts are assessed to be <b>very low</b> , over a small geographical area in the medium term that would be reversible.	Minor adverse (not significant)	Due to alternative long range views towards the Dee Estuary and the adjacent large-scale industrial structures, it is considered that the addition of the Proposed Development would result in an intensification of the existing industrial character at this location although this would cause no perceptible change to the landscape character and tranquillity of the area. Impacts are assessed to be <b>very low</b> , over a small geographical area in the long term that would be reversible.	Minor adverse (not significant)
FLNTVS002	Clwydian Edge	Clwydian Edge, designation as National Landscape - the lower east facing slopes of the Clwydian Range comprising a logical progression with decreasing height, from scrub and rough grassland, to medium scale improved grassland shoulders, and smaller sized hedged pastures with traditional farming; complemented by linear woodlands following gulleys and watercourses. Some dingle woodlands and small fields bounded by hedges with occasional standard trees. The fields are generally grassland although there are some arable crops grown. Varied fieldscapes including areas of remnant strip fields with hedged boundaries probably representing enclosure of former medieval open fields associated with the small nucleated settlements of medieval origin at Nannerch and Cilcain.	Moderate	High on balance based on all aspect areas	High	High	Construction of the Proposed Development would introduce long distance views of additional power related structures within a number of views in this attractive upland with pastoral slopes of the Clwydian hills. Due to available long-range views containing large-scale industrial structures, it is considered that the addition of construction operations associated with the Proposed Development would cause no perceptible change to the landscape character and tranquillity of the LCA. Impacts are assessed to be <b>very low</b> , over a small geographical area in the medium term that would be reversible.	Minor adverse (not significant)	Due to available long range views towards the Dee Estuary and the adjacent large-scale industrial structures, it is considered that the addition of the Proposed Development would result in an intensification of the existing industrial character at this location although this would cause no perceptible change to the landscape character and tranquillity of the area. Impacts are assessed to be <b>very low</b> , over a small geographical area in the long term that would be reversible.	Minor adverse (not significant)
FLNTVS003	Limestone Ridge	Limestone Ridge - an exposed open upland limestone ridge with a smooth profile and a mosaic of semi-natural moorland, rough grassland, scrub and bracken, often degraded by quarrying. Undulating upland plateau with low knolls and conspicuous large	High	High for all aspect areas	High	High	Due to available long-range views containing large-scale industrial structures, it is considered that the addition of construction operations associated with the Proposed Development would result in an intensification of the existing	Minor adverse (not significant)	Due to available long range views towards the Dee Estuary and the adjacent large-scale industrial structures, it is considered that the addition of the Proposed Development would result in an intensification of the existing industrial character at this location although this would cause no perceptible change to the landscape character and tranquillity of the area.	Minor adverse (not significant)

UID	Landscape Character Area	Landscape Character Area Description	Visual and Sensory Value	Value of receptor	Susceptibility	Sensitivity of receptor	Description of landscape effects – Construction	Significance of effect	Description of landscape effects - Operation	Significance of effect
		quarries. North-western areas pock-marked by dense mineworkings, including shafts and small dumps, surrounded by open moorland. This extremely important site supports a wide range of internationally important plants and amphibian species and the calcareous substrate gives unusual grassland and heathland communities of national importance. LCA contains abundant and widespread remains of former extractive industries, including pits and shafts for the mining of lead, zinc and copper ores and quarries for the extraction of limestone, chert, sand and clay quarries, together with former limekilns.					industrial landscape character at this location although this would cause no perceptible change to the landscape character and tranquillity of the LCA. Impacts are assessed to be <b>very low</b> , over a small geographical area in the medium term that would be reversible.		Impacts are assessed to be <b>very low</b> , over a small geographical area in the long term that would be reversible.	
FLNTVS004	Limestone Plateau	Limestone Plateau - a settled/ domesticated limestone plateau with a diverse mosaic of traditional farmland with small regular semi improved fields, hay meadows and contrasting pockets of rough grassland, wetland and scrub, punctuated by well-maintained traditional farm buildings. Mixture of lowland hills and valleys and undulating upland. This area of grassland and arable fields contains a number of locally and nationally important species and habitats. The field pattern, hedgerows and woodlands also help to enhance the area's biodiversity. Prehistoric activity indicated by a scatter of Bronze Age burial mounds. Post-medieval and modern settlement represented by dispersed farms and smallholdings.	High	High for all aspect areas	High	High	Due to available long-range views containing large-scale industrial structures, it is considered that the addition of construction operations associated with the Proposed Development would result in an intensification of the existing industrial landscape character at this location although this would cause no perceptible change to the landscape character and tranquillity of the LCA. Impacts are assessed to be <b>very low</b> , over a small geographical area in the medium term that would be reversible.	Minor adverse (not significant)	Due to available long range views towards the Dee Estuary and the adjacent large-scale industrial structures, it is considered that the addition of the Proposed Development would result in an intensification of the existing industrial character at this location although this would cause no perceptible change to the landscape character and tranquillity of the area. Impacts are assessed to be <b>very low</b> , over a small geographical area in the long term that would be reversible.	Minor adverse (not significant)
FLNTVS005	Limestone Edge	Limestone Edge - steep east facing pastoral slopes below the limestone plateau with a strong pattern of small to medium sized irregular fields enclosed by thick hedges and linear watercourse woodlands. Extensive area of glacial clay blanketed terrain which covers the top of the Carboniferous ridge of Flintshire. Locally incised by north-east flowing river and stream valleys. LCA includes semi-natural	Moderate	High on balance based on all aspect areas	High	High	Due to available long-range views containing large-scale industrial structures, it is considered that the addition of construction operations associated with the Proposed Development would result in an intensification of the existing industrial landscape character at this location although this would cause no perceptible change to the landscape character and tranquillity of the LCA. Impacts	Minor adverse (not significant)	Due to available long range views towards the Dee Estuary and the adjacent large-scale industrial structures, it is considered that the addition of the Proposed Development would result in an intensification of the existing industrial character at this location although this would cause no perceptible change to the landscape character and tranquillity of the area. Impacts are assessed to be <b>very low</b> , over a small geographical area in the long term that would be reversible.	Minor adverse (not significant)

UID	Landscape Character Area	Landscape Character Area Description	Visual and Sensory Value	Value of receptor	Susceptibility	Sensitivity of receptor	Description of landscape effects – Construction	Significance of effect	Description of landscape effects - Operation	Significance of effect
		Broadleaved Woodland, Improved Grassland, arable and semi-improved Neutral Grassland. Field boundaries consist mostly of ancient hedges, with some ancient semi-natural woodland and ancient replanted woodland and mixed woodland along stream valleys and on steeper slopes.					are assessed to be <b>very low</b> , over a small geographical area in the medium term that would be reversible.			
FLNTVS009	Farmland Fringe	Farmland Fringe - gently rolling lowland farmland with a mixture of small traditional fields, larger more improved fields, and urban and fringe uses including currently unused quarries and golf courses. There is a large cement works in the southern part of the area. This has large structures, which are locally prominent, rising out of the predominantly rural landscape. Extensive boulder clay blanketed terrain; stepped down towards the sea in the north-west due to the influence of buried scarps of Carboniferous sandstone units, but forming a gentle more even slope in the south-east. This LCA comprises mainly improved grass fields of the coastal slope with a few arable fields. The ribbon woodlands which follow the small streams down towards the Dee Estuary and the commons and old mines form a very important biodiversity resource and are likely to harbour a wide range of common species.	Moderate	Medium on balance based on all aspect areas	Medium	Medium	Construction activities on the Main Development Area would be visible in places as a result of the high-level construction operations related to the tallest structures. It is considered that the construction of the Proposed Development would result in a small perceptible change to the landscape character and tranquillity of the LCA. Impacts are assessed to be <b>very low</b> , over a limited geographical area in the medium term that would be reversible.	Negligible adverse (not significant)	The taller elements, including the absorber stacks, would be visible from this LCA. However, intervisibility of tall power infrastructure alongside the Dee Estuary is currently experienced from within this LCA. The Proposed Development would have a small perceptible change on the character and tranquillity of the LCA. Impacts are assessed to be <b>low</b> , over a limited geographical area in the long term that would be reversible.	Minor adverse (not significant)
FLNTVS011	Wooded Valley and Parkland	Wooded Valley and Parkland - narrow and moderately sloping sinuous lowland wooded small river valleys with associated parkland and pastoral farmland. Extensive area of glacial clay blanketed terrain which covers the top of the Carboniferous ridge of Flintshire and then slopes north-eastwards towards the Dee estuary. Locally incised by north-east flowing river and stream valleys. The soil type here supports occasional areas of neutral grassland and there are a couple of small areas on old heavy metal mining works where the internationally important	Moderate	Medium on balance based on all aspect areas	Medium	Medium	Construction activities on the Main Development Area would be visible in places as a result of the high level construction operations related to the tallest structures. It is considered that the construction of the Proposed Development would result in a small perceptible change to the landscape character and tranquillity of the LCA. Impacts are assessed to be <b>very low</b> , over a limited geographical area in the medium term that would be reversible.	Negligible adverse (not significant)	The taller elements, including the absorber stacks, would be visible from this LCA. However, intervisibility of tall power infrastructure alongside the Dee Estuary is currently experienced from within this LCA. The Proposed Development would have a small perceptible change on the character and tranquillity of the LCA. Impacts are assessed to be <b>low</b> , over a limited geographical area in the long term that would be reversible.	Minor adverse (not significant)

UID	Landscape Character Area	Landscape Character Area Description	Visual and Sensory Value	Value of receptor	Susceptibility	Sensitivity of receptor	Description of landscape effects – Construction	Significance of effect	Description of landscape effects - Operation	Significance of effect
		Calaminarian grassland is found. The fields are generally small and many have hedges. Although degraded and reduced from its former extent by modern development this area contains significant remains of the extensive medieval field systems belonging to the planted medieval borough of Flint which are unique in Flintshire. The area includes several notable designed landscapes including the landscape park, including part of former 17th-century deer park, with Victorian and Edwardian arboretum.								
FLNTVS013	Valley Floor	Valley Floor - flat floor of Alyn Valley with fertile regular arable and pastoral fields, linear woodland, settlements and industry. Eastwards sloping terrace of glacial deposits, characterised by a belt of glacial sand and gravel, surrounded by boulder clay and branching river-stream valley system, now flowing to the main Alyn valley. LCA includes improved grass fields and arable land to the south of Halkyn Mountain. There are a number of locally important blocks of woodland and one old quarry together with a small patch of semi-improved calcareous grassland and some species rich hedges.	Low	Medium on balance based on all aspect areas	Low	Medium	Construction of the Proposed Development would have a small perceptible change on the character and tranquillity of the LCA as a result of the influence of existing industrial structures. Impacts are assessed to be <b>low</b> , over a limited geographical area in the medium term that would be reversible.	Minor adverse (not significant)	The operation of the Proposed Development would result in a small perceptible change on the character and tranquillity of the Lowland LCA. Impacts are assessed to be <b>low</b> , over a limited geographical area in the long term that would be reversible.	Minor adverse (not significant)
FLNTVS014	Dee Estuary Edge	Estuary Edge and Valleys - gently sloping and rolling lowland estuary edge with distinct east/west grain and mosaic of wooded linear stream valleys, traditional and improved farmland, and a linear settled and urban fringe lower edge; and an overall estuarine influence. Geologically defined by lowland hills and valleys. Forms a distinctive block of the extensive glacial drift cover of the county, separated from other areas by an incised valley system. Comprises mainly improved grass fields of the coastal slope. There are a few arable fields to the west but increase in the area to the east. The most important biodiversity feature of the area is the ribbon woodlands which follow the small	Moderate	Medium on balance based on all aspect areas	Medium	Medium	Construction activities on the Main Development Area would be visible in places; including construction operations associated with the absorber stacks. As a result of the existing Connah's Quay Power Station and other industrial structures, it is assessed that the construction of the Proposed Development would result in a limited perceptible change to the landscape character and tranquillity of the LCA. Impacts are assessed to be <b>low</b> , over a limited geographical area in the medium term that would be reversible.	Minor adverse (not significant)	The Proposed Development is located adjacent to this LCA. The taller elements, including the absorber stacks, would be clearly visible from this LCA. However, intervisibility of tall power infrastructure alongside the Dee Estuary is currently experienced from within this LCA. The Proposed Development would have a small perceptible change on the character and tranquillity of the LCA. Impacts are assessed to be <b>low</b> , over a limited geographical area in the long term that would be reversible.	Minor adverse (not significant)

UID	Landscape Character Area	Landscape Character Area Description	Visual and Sensory Value	Value of receptor	Susceptibility	Sensitivity of receptor	Description of landscape effects – Construction	Significance of effect	Description of landscape effects - Operation	Significance of effect
		streams down towards the Dee Estuary.								
FLNTVS017A	Reclaimed Coastal Levels	Reclaimed Coastal Levels - small areas of reclaimed former saltmarsh including a restored landfill on the coast at the south-eastern end. Reclaimed former saltmarsh, including made ground, urban fringe uses, settlements & heavy industry.	Low	Low	Low	Low	The construction of the Proposed Development would have a direct impact on part of the LCA and a small perceptible change on the overall character and tranquillity of the LCA as a result of the influence of existing industrial structures including the existing Connah's Quay Power Station. The change in land use associated with the Proposed Development would result in a medium change to the LCA. Impacts are assessed to be <b>medium</b> , over a large geographical area in the medium term that would be reversible.	Minor adverse (not significant)	The Proposed Development will be located in part of the LCA, resulting in direct impacts. The operation of the Proposed Development would result in a perceptible change on the character and tranquillity of the LCA. Impacts are assessed to be <b>medium</b> , over a large geographical area in the long term that would be reversible.	Minor adverse (not significant)
FLNTVS017	Dee coastal levels	Coastal Levels - narrow linear strip of coastal and estuary levels with diverse mixture of fertile arable and pastoral farmland drained by ditches, wetland, separated from the modern estuary system by sea-wall/flood defence works. The LCA contains some important areas of trees, scrub, woodland and the very important ponds which support great crested newts. The LCA areas to the west include intertidal mud/sand and saltmarsh.	Moderate	Medium on balance based on all aspect areas	Medium	Medium	The construction of the Proposed Development would have a small perceptible change on the overall character and tranquillity of the LCA as a result of the influence of existing industrial structures including the existing Connah's Quay Power Station. Impacts are assessed to be <b>low</b> , over a limited geographical area in the medium term that would be reversible.	Minor adverse (not significant)	The operation of the Proposed Development would result in a small perceptible change on the character and tranquillity of the LCA. Impacts are assessed to be <b>low</b> , over a limited geographical area in the long term that would be reversible.	Minor adverse (not significant)
FLNTVS018	Dee salt marsh fringes	Salt Marsh - extensive area of Dee estuary salt marsh. The area is prone to flooding and erosion of mudflats, shingle and coastal defence materials in parts and has suffered storm damage. High Landscape Heritage value based on designation as Ramsar. SAC. SPA. SSSI. Local wildlife site.	Outstanding	High	High	High	Views of construction activity, alongside the existing Connah's Quay Power Station, would be visible from this LCA. Construction activities would introduce cranes and large structures associated with the Proposed Development within a large geographical area. Due to the existing influence of large-scale industrial structures and road infrastructure within the surrounding LCA, it is considered that the Proposed Development would have a <b>very low</b> impact over a large geographical area, medium term and reversible.	Minor adverse (not significant)	The Proposed Development is located in an area containing large scale industrial structures. Due to the existing influence of Connah's Quay Power Station, other power related infrastructure and road infrastructure within the surrounding LCA, it is considered that the Proposed Development would have a <b>very low</b> impact over a large geographical area, long term and reversible.	Minor adverse (not significant)
FLNTVS064	Dee Intertidal Zone	Intertidal Zone - a unique and expansive natural intertidal area of the Dee Estuary composed of mud	High	High	High	High	Views of construction activity, alongside the existing Connah's Quay Power Station, would be	Minor adverse (not significant)	The Proposed Development is located in an area containing large scale industrial structures. Due to the existing influence of Connah's Quay	Minor adverse (not significant)

UID	Landscape Character Area	Landscape Character Area Description	Visual and Sensory Value	Value of receptor	Susceptibility	Sensitivity of receptor	Description of landscape effects – Construction	Significance of effect	Description of landscape effects - Operation	Significance of effect
		flats, sand banks, and saline water with a distinct and intricate dendritic patterning and strong textures. Storms have resulted in erosion of mudflats, shingle and coastal defence materials in parts. High Landscape Heritage value based on designation as Ramsar, SAC, SPA, SSSI, and a Local wildlife site.					visible from this LCA. Construction activities would introduce cranes and large structures associated with the Proposed Development within a small geographical area. Due to the existing influence of large-scale industrial structures and road infrastructure within the surrounding LCA, it is considered that the Proposed Development would have a <b>very low</b> impact over a small geographical area, medium term and reversible.		Power Station, other power related infrastructure and road infrastructure within the surrounding LCA, it is considered that the Proposed Development would have a <b>very low</b> impact over a small geographical area, long term and reversible.	
FLNTVS066	Moel Findeg limestone plateau	Limestone Plateau/hill fringes - a settled/ domesticated limestone plateau with a diverse mosaic of traditional farmland with small regular semi improved fields and hay meadows, contrasting pockets of rough grassland, wetland, bracken, gorse and scrub with rock outcrops, punctuated by well-maintained traditional farm buildings. There is evidence of former quarrying, now disused and associated workers' cottages. The area is generally tranquil although this is reduced close to the A494. Rounded, Upper Carboniferous sandstone-dominated ridge, trending virtually north-south and marking a significant section of the south-west boundary of the county.	High	High	High	High	Due to available long-range views containing large-scale industrial structures, it is considered that addition of construction operations associated with the Proposed Development would result in an intensification of the existing industrial landscape character at this location although this would cause no perceptible change to the landscape character and tranquillity of the LCA. Impacts are assessed to be <b>very low</b> , over a small geographical area in the medium term that would be reversible.	Minor adverse (not significant)	Due to available long range views towards the Dee Estuary and the adjacent large-scale industrial structures, it is considered that the addition of the Proposed Development would result in an intensification of the existing industrial character at this location although this would cause no perceptible change to the landscape character and tranquillity of the area. Impacts are assessed to be <b>very low</b> , over a small geographical area in the long term that would be reversible.	Minor adverse (not significant)
FLNTVS067	Nercwys limestone edge	Ffordd Glyndwr Limestone Edge - steep east facing pastoral slopes below the limestone plateau with a strong pattern of small to medium sized irregular fields enclosed by thick hedges with significant numbers of mature trees and linear watercourse.	Moderate	Medium on balance based on all aspect areas	Medium	Medium	Due to available long-range views containing large-scale industrial structures, it is considered that the addition of construction operations associated with the Proposed Development would result in an intensification of the existing industrial landscape character at this location although this would cause no perceptible change to the landscape character and tranquillity of the LCA. Impacts are assessed to be <b>very low</b> , over a small geographical area in the medium term that would be reversible.	Negligible adverse (not significant)	Due to available long-range views towards the Dee Estuary and the adjacent large-scale industrial structures, it is considered that the addition of the Proposed Development would result in an intensification of the existing industrial character at this location although this would cause no perceptible change to the landscape character and tranquillity of the area. Impacts are assessed to be <b>very low</b> , over a small geographical area in the long term that would be reversible.	Negligible adverse (not significant)

UID	Landscape Character Area	Landscape Character Area Description	Visual and Sensory Value	Value of receptor	Susceptibility	Sensitivity of receptor	Description of landscape effects – Construction	Significance of effect	Description of landscape effects - Operation	Significance of effect
FLNTVS070	Mold rolling farmland	Pantymwyn Rolling lowland farmland with large sized improved grassland of regular shape mixed with other uses including golf course, some dwellings and a quarry surrounded by blocks of conifer woodland on the hilltop. Large-scale hoppers in the quarry are visible from the valley floor. The golf course has a large number of decorative conifers. Commercial uses associated with the quarry are also located in the area. The LCA has a high habitat value due to the presence of nationally scarce invertebrates.	Moderate	Medium on balance based on all aspect areas	Medium	Medium	The Proposed Development would introduce long distance views of additional power related structures within a number of views in this attractive upland. Due to available long-range views containing large-scale industrial structures, it is considered that the addition of construction operations associated with the Proposed Development would result in an intensification of the existing industrial landscape character at this location although this would cause no perceptible change to the landscape character and tranquillity of the LCA. Impacts are assessed to be <b>very low</b> , over a small geographical area in the medium term that would be reversible.	Negligible adverse (not significant)	Due to available long-range views towards the Dee Estuary and the adjacent large-scale industrial structures, it is considered that the addition of the Proposed Development would result in an intensification of the existing industrial character at this location although this would cause no perceptible change to the landscape character and tranquillity of the area. Impacts are assessed to be <b>very low</b> , over a small geographical area in the long term that would be reversible.	Negligible adverse (not significant)
FLNTVS072	Shotton farmland fringe	Shotton Farmland Fringe - gently rolling lowland farmland with a mixture of small traditional fields, larger more improved rectilinear fields and drainage ditches. Hedges are a low-cut mix of species, with occasional field trees. There are urban fringe uses including caravan sites and horse pasture which detract from the character of the area. However, overall the area appears well maintained and provides an important setting to the adjacent settlements. The A550 passes through the northern part of the area.	Moderate	Medium on balance based on all aspect areas	Medium	Medium	Construction activities on the Main Development Area would be visible in places; including construction operations associated with the absorber stacks. As a result of the existing Connah's Quay Power Station and other industrial structures, it is assessed that the construction of the Proposed Development would result in a limited perceptible change to the landscape character and tranquillity of the LCA. Impacts are assessed to be <b>low</b> , over a limited geographical area in the medium term that would be reversible.	Minor adverse (not significant)	The Proposed Development is located adjacent to this LCA. The taller elements, including the absorber stacks, would be clearly visible from this LCA. However, intervisibility of tall power infrastructure alongside the Dee Estuary is currently experienced from within this LCA. The Proposed Development would have a small perceptible change on the character and tranquillity of the LCA. Impacts are assessed to be <b>low</b> , over a limited geographical area in the long term that would be reversible.	Minor adverse (not significant)
FLNTVS073	Cilcain narrow valley	Cilcain Narrow sinuous lowland valley with steeply sloping sides in part. Land cover is sinuous hedged fields of pasture with low-cut hedges, some with holly. Deciduous woodland lies on steeper slopes either side of the river. The river has a sinuous rocky course and was dry upstream in April. Access is very limited to minor lanes and occasional narrow road crossings on narrow stone bridges, two fords and footbridges. Settlement is	High	High on balance based on all aspect areas	High	High	Due to available views containing large-scale industrial structures, it is considered that the addition of construction operations associated with the Proposed Development would result in an intensification of the existing industrial landscape character at this location although this would cause no perceptible change to the landscape character and tranquillity of the LCA. Impacts are assessed to be <b>very low</b> ,	Minor adverse (not significant)	Due to available long-range views towards the Dee Estuary and the adjacent large-scale industrial structures, it is considered that the addition of the Proposed Development would result in an intensification of the existing industrial character at this location although this would cause no perceptible change to the landscape character and tranquillity of the area. Impacts are assessed to be <b>very low</b> , over a small geographical area in the long term that would be reversible.	Minor adverse (not significant)

UID	Landscape Character Area	Landscape Character Area Description	Visual and Sensory Value	Value of receptor	Susceptibility	Sensitivity of receptor	Description of landscape effects – Construction	Significance of effect	Description of landscape effects - Operation	Significance of effect
		scattered with one small caravan site.					over a small geographical area in the medium term that would be reversible.			
FLNTVS074	Llanfynydd narrow valley	Llanfynydd and Hope valleys - Narrow sinuous wooded valleys with very steep slopes in parts and a narrow flat valley floor. The area feels intimate and enclosed. There is some pastoral farmland in small fields and riparian vegetation. The LCA contains small rural villages.	High	Medium on balance based on all aspect areas	Medium	Medium	The LCA would have intermittent intervisibility of the Proposed Development Site. Construction activities on the Main Development Area would be visible in places; including construction operations associated with the absorber stacks. As a result of the existing Connah's Quay Power Station and other industrial structures, it is assessed that the construction of the Proposed Development would result in a limited perceptible change to the landscape character and tranquillity of the LCA. Impacts are assessed to be <b>low</b> , over a limited geographical area in the medium term that would be reversible.	Minor adverse (not significant)	The taller elements, including the absorber stacks, would be intermittently visible from this LCA. However, intervisibility of tall power infrastructure alongside the Dee Estuary is currently experienced from within this LCA. The Proposed Development would have a small perceptible change on the character and tranquillity of the LCA. Impacts are assessed to be <b>low</b> , over a limited geographical area in the long term that would be reversible.	Minor adverse (not significant)
FLNTVS075	Dee salt marsh fringes	Dee Southern Salt Marsh - extensive area of Dee estuary salt marsh with some parts grazed by sheep. Very exposed with wide attractive views of the estuary and backcloth of hills and detractive views of adjacent industry and tourism in places. The area is unsettled with limited access. Storms have resulted in saltmarsh flooding and erosion of mudflats, shingle and coastal defence materials in parts.	High	High	High	High	The saltmarsh has an overall estuarine influence and intermittent intervisibility of the Proposed Development Site. Construction activities on the Main Development Area would be visible in places; including construction operations associated with the absorber stacks. As a result of the existing Connah's Quay Power Station and other industrial structures, it is assessed that the construction of the Proposed Development would result in little perceptible change to the landscape character and tranquillity of the LCA. Impacts are assessed to be <b>very low</b> , over a limited geographical area in the medium term that would be reversible.	Minor adverse (not significant)	The Proposed Development is located adjacent to this LCA. The taller elements, including the absorber stacks, would be intermittently visible from this LCA. However, intervisibility of tall power infrastructure alongside the Dee Estuary is currently experienced from within this LCA. The Proposed Development would have little perceptible change on the character and tranquillity of the LCA. Impacts are assessed to be <b>very low</b> , over a limited geographical area in the long term that would be reversible.	Minor adverse (not significant)
FLNTVS076	Dee coastal levels	Dee Coastal Levels - open strip of coastal and estuary levels with diverse mixture of rectilinear fertile arable and pastoral farmland drained by ditches with wetland and urban fringe uses. There are significant areas under clear/white plastic. Uses which tend to degrade the landscape include turf and soil	Moderate	Medium on balance based on all aspect areas	Low	Medium	Construction of the Proposed Development would have a small change on the character and tranquillity of the Lowland LCA as a result of the influence of existing industrial structures and limited visibility of construction operations. Impacts are assessed to be <b>low</b> , over a	Minor adverse (not significant)	The operation of the Proposed Development would result in a small change on the character and tranquillity of the Lowland LCA. Impacts are assessed to be <b>low</b> , over a limited geographical area in the long term that would be reversible.	Minor adverse (not significant)

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		sale. Settlement is scattered including farmsteads with glass and ribbon development in places. Hedgerows are low cut and gappy in places and there are few trees such as sycamore or beech.					limited geographical area in the medium term that would be reversible.			
FLNTVS077	Broughton farmland	Lower Kinnerton - Land gently rising from the coastal and estuary levels with diverse mixture of generally rectilinear fertile arable and pastoral farmland drained by ditches with wetland and urban fringe uses. Settlement is scattered including farmsteads. Hedgerows are low cut and gappy in places and there are few trees such as sycamore or beech associated with dwellings or other uses. Roads are straight and public access is limited. Long views are possible to the rising hills to the west.	Moderate	Medium on balance based on all aspect areas	Low	Medium	The Proposed Development construction would have a small change on the character and tranquillity of the Lowland LCA as a result of the influence of existing industrial structures and limited visibility of construction operations. Impacts are assessed to be <b>low</b> , over a limited geographical area in the medium term that would be reversible.	Minor adverse (not significant)	The operation of the Proposed Development would result in a small change on the character and tranquillity of the Lowland LCA. Impacts are assessed to be <b>low</b> , over a limited geographical area in the long term that would be reversible.	Minor adverse (not significant)
FLNTVS078	Connahs Quay Dee frontage	Deeside Levels - Open, narrow linear strip of levels alongside the Dee with mixture of predominantly pastoral farmland with horse pasture in rectilinear fields drained by ditches, and with wetland. There are urban fringe uses, scattered and linear settlement. The area forms an important series of green gaps between the Deeside settlements. Shotton lies adjacent and is highly visible and reduces the area's tranquillity. Tree-cover tends to be associated with historic rural development.	Moderate	Medium on balance based on all aspect areas	Low	Medium	The Proposed Development construction would have a small change on the character and tranquillity of the Lowland LCA as a result of the influence of existing industrial structures and limited visibility of construction operations. Impacts are assessed to be <b>low</b> , over a limited geographical area in the medium term that would be reversible.	Minor adverse (not significant)	The operation of the Proposed Development would result in a small change on the character and tranquillity of the Lowland LCA. Impacts are assessed to be <b>low</b> , over a limited geographical area in the long term that would be reversible.	Minor adverse (not significant)
FLNTVS083	River Dee	River Dee - A dead straight, highly modified, tidal and wide stretch of river with grass embankments either side. There is access on the southern side of the river. The area is open and exposed.	High	High	Medium	High	The construction of the Proposed Development would have an imperceptible change on the character and tranquillity of the Lowland LCA as a result of the influence of existing industrial structures and limited visibility of construction operations. Impacts are assessed to be <b>very low</b> , over a limited geographical area in the medium term that would be reversible.	Minor adverse (not significant)	The operation of the Proposed Development would result in an imperceptible change on the character and tranquillity of the Lowland LCA. Impacts are assessed to be <b>very low</b> , over a limited geographical area in the long term that would be reversible.	Minor adverse (not significant)
FLNTVS085	Hawarden Parkland	Hawarden Parkland and farmland - An area of lowland parkland and woodland sloping north east towards the levels with long	Moderate	Medium on balance based on	Medium	Medium	The LCA would have intermittent intervisibility of the Proposed Development Site. Construction activities on the Main	Minor adverse (not significant)	The taller elements, including the absorber stacks, would be intermittently visible from this LCA. However, intervisibility of tall power infrastructure alongside the Dee Estuary is	Minor adverse (not significant)

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		sweeping views over lower ground. The field pattern tends to be rectilinear with low-cut hedges. This is interspersed with large blocks of mixed plantation on the higher slopes. The area has an estate character particularly to the north around Hawarden. To the east, around Broughton, the area becomes more open with an urban fringe character. Locally, rare combinations of high status medieval landscape overlain by extensive 18th and 19th century parkland and gardens with historical associations.		all aspect areas			Development Area would be visible in places; including construction operations associated with the absorber stacks. As a result of the existing Connah's Quay Power Station and other industrial structures, it is assessed that the construction of the Proposed Development would result in a limited perceptible change to the landscape character and tranquillity of the LCA. Impacts are assessed to be <b>low</b> , over a limited geographical area in the medium term that would be reversible.		currently experienced from within this LCA. The Proposed Development would have a small perceptible change on the character and tranquillity of the LCA. Impacts are assessed to be <b>low</b> , over a limited geographical area in the long term that would be reversible.	
FLNTVS091	Mold southern fringe farmland	Old southern fringe Traditional Farmland - gently rolling lowland farmland sloping towards the floor of the River Alyn. The area has a strong pattern of small to medium irregular shaped pastoral fields enclosed by either low-cut hedges or fences with limited hedge trees. Estate farmland lies on more gently sloping ground closer to the valley floor with associated fine stone estate buildings and structures. The main tree cover is medium blocks of mixed plantation some prominent on valley.	Moderate	Medium on balance based on all aspect areas	Low	Medium	The LCA would have intermittent intervisibility of the Proposed Development Site. Construction activities on the Main Development Area would be visible in places; including construction operations associated with the absorber stacks. As a result of the existing Connah's Quay Power Station and other industrial structures, it is assessed that the construction of the Proposed Development would result in a limited perceptible change to the landscape character and tranquillity of the LCA. Impacts are assessed to be <b>low</b> , over a limited geographical area in the medium term that would be reversible.	Minor adverse (not significant)	The taller elements, including the absorber stacks, would be intermittently visible from this LCA. However, intervisibility of tall power infrastructure alongside the Dee Estuary is currently experienced from within this LCA. The Proposed Development would have a small perceptible change on the character and tranquillity of the LCA. Impacts are assessed to be <b>low</b> , over a limited geographical area in the long term that would be reversible.	Minor adverse (not significant)
FLNTVS092	Burton Point coastal fringe	Burton Point Coastal fringe - open strip of coastal and estuary levels with diverse mixture of urban fringe uses drained by ditches with wetland. The area includes a reservoir used for recreation, a rifle range, tidal marshland and reclaimed pasture with tree belts. There is no settlement and limited access. The area is divorced from other uses by the busy A548 dual carriageway which reduces the area's tranquillity to the south. The area has the feeling of a raw, slightly threatening landscape.	Low	Low on balance based on all aspect areas	Low	Low	The Proposed Development construction would result in a small change to the character and tranquillity of the Lowland LCA as a result of the influence of existing industrial structures and limited visibility of construction operations. Impacts are assessed to be <b>low</b> , over a limited geographical area in the medium term that would be reversible.	Negligible adverse (not significant)	The operation of the Proposed Development would result in a small change to the character and tranquillity of the Lowland LCA. Impacts are assessed to be <b>low</b> , over a limited geographical area in the long term that would be reversible.	Negligible adverse (not significant)

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DNBGHVS046	Clwydian Slopes Main Ridge	Clwydian Range National Landscape contains the nationally important hillforts of Pen y Cloddiau, Moel Arthur, Moel y Gaer Llanbedr and Moel Fenlli. Long line of rolling hills defined by a distinct ridge line rising steeply from the Vale of Clwyd, dominated by moorland vegetation. A series of intersecting valleys and spur slopes define the western edge. Spectacular views from and of the Vale. Distinctive open upland heathland landscape, distinguished from enclosed agricultural land to the west in the Vale of Clwyd and to the south-east in the Alyn Valley. Further to the north-east it is continuous with heathland vegetation in Flintshire.	Outstanding	High	High	High	The Proposed Development would introduce long distance views of additional power related structures within a number of views in this attractive upland. Due to available long-range views containing large-scale industrial structures, it is considered that the addition of construction operations associated with the Proposed Development would result in an intensification of the existing industrial landscape character at this location although this would cause no perceptible change to the landscape character and tranquillity of the LCA. Impacts are assessed to be <b>very low</b> , over a small geographical area in the medium term that would be reversible.	Minor adverse (not significant)	Due to available long-range views towards the Dee Estuary and the adjacent large-scale industrial structures, it is considered that the addition of the Proposed Development would result in an intensification of the existing industrial character at this location although this would cause no perceptible change to the landscape character and tranquillity of the area. Impacts are assessed to be <b>very low</b> , over a small geographical area in the long term that would be reversible.	Minor adverse (not significant)
DNBGHVS050	Clwydian Slopes East Side	Attractive upland but pastoral slopes of the Clwydian hills with a diverse pattern of overgrown hedges and small woods. Forms the lower eastwards facing slopes of the Clwydian Range, ranging from scrub and open rough grassland to medium-scale improved grassland.	High	High	High	High	The Proposed Development would introduce long distance views of additional power related structures within a number of views in this attractive upland. Due to available long-range views containing large-scale industrial structures, it is considered that the addition of construction operations associated with the Proposed Development would result in an intensification of the existing industrial landscape character at this location although this would cause no perceptible change to the landscape character and tranquillity of the LCA. Impacts are assessed to be <b>very low</b> , over a small geographical area in the medium term that would be reversible.	Minor adverse (not significant)	Due to available long-range views towards the Dee Estuary and the adjacent large-scale industrial structures, it is considered that the addition of the Proposed Development would result in an intensification of the existing industrial character at this location although this would cause no perceptible change to the landscape character and tranquillity of the area. Impacts are assessed to be <b>very low</b> , over a small geographical area in the long term that would be reversible.	Minor adverse (not significant)
DNBGHVS053	Pantymwyn - Loggerheads Woodlands	Steep sided wooded valley important for access. Part of the limestone ridge that continues on into the adjacent county of Flintshire - an enclosed well wooded upland limestone ridge with a smooth profile and adjacent mosaic of semi-natural moorland.	High	High	High	High	The Proposed Development would introduce long distance views of additional power related structures within a number of views in this attractive upland. Due to available long-range views containing large-scale industrial structures, it is considered that the addition of construction operations	Minor adverse (not significant)	Due to available long-range views towards the Dee Estuary and the adjacent large-scale industrial structures, it is considered that the addition of the Proposed Development would result in an intensification of the existing industrial character at this location although this would cause no perceptible change to the landscape character and tranquillity of the area. Impacts are assessed to be <b>very low</b> , over a	Minor adverse (not significant)

UID	Landscape Character Area	Landscape Character Area Description	Visual and Sensory Value	Value of receptor	Susceptibility	Sensitivity of receptor	Description of landscape effects – Construction	Significance of effect	Description of landscape effects - Operation	Significance of effect
							associated with the Proposed Development would result in an intensification of the existing industrial landscape character at this location although this would cause no perceptible change to the landscape character and tranquillity of the LCA. Impacts are assessed to be <b>very low</b> , over a small geographical area in the medium term that would be reversible.		small geographical area in the long term that would be reversible.	
DNBGHVS054	Limestone Hills South of Loggerheads	Limestone hills with crags and escarpment with open pastures and edge woodland and also adjoining farmland characterised by stone walls and buildings and occasional rock outcrops. A varied and dominating landscape with a diverse vegetation cover. A mix of semi-natural broadleaved, mixed and conifer woodland is the dominant vegetation type associated with the base-rich calcareous soils covering the steep limestone valley slopes of the River Alyn.	Outstanding	High	High	High	The Proposed Development would introduce long distance views of additional power related structures within a number of views in this attractive upland. Due to available long-range views containing large-scale industrial structures, it is considered that the addition of construction operations associated with the Proposed Development would result in an intensification of the existing industrial landscape character at this location although this would cause no perceptible change to the landscape character and tranquillity of the LCA. Impacts are assessed to be <b>very low</b> , over a small geographical area in the medium term that would be reversible.	Minor adverse (not significant)	Due to available long-range views towards the Dee Estuary and the adjacent large-scale industrial structures, it is considered that the addition of the Proposed Development would result in an intensification of the existing industrial character at this location although this would cause no perceptible change to the landscape character and tranquillity of the area. Impacts are assessed to be <b>very low</b> , over a small geographical area in the long term that would be reversible.	Minor adverse (not significant)
DNBGHVS063	Alyn Valley-South of Loggerheads	A continuation of the limestone valley south of Loggerheads Country Park. More open and less steep and dramatic but still with occasional gorge and outcrops. The area is dominated by the rapidly rising land mass of the Clwydian Range to the west.	High	High	High	High	The Proposed Development would introduce long distance views of additional power related structures within a number of views in this attractive upland. Due to available long-range views containing large-scale industrial structures, it is considered that the addition of construction operations associated with the Proposed Development would result in an intensification of the existing industrial landscape character at this location although this would cause no perceptible change to the landscape character and tranquillity of the LCA. Impacts are assessed to be <b>very low</b> , over a small geographical area	Minor adverse (not significant)	Due to available long-range views towards the Dee Estuary and the adjacent large-scale industrial structures, it is considered that the addition of the Proposed Development would result in an intensification of the existing industrial character at this location although this would cause no perceptible change to the landscape character and tranquillity of the area. Impacts are assessed to be <b>very low</b> , over a small geographical area in the long term that would be reversible.	Minor adverse (not significant)

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							in the medium term that would be reversible.			

## References

- Ref 1 Welsh Government, DataMapWales, 2025, Available online: [https://datamap.gov.wales/maps/new?layer=inspire-nrw:NRW\\_LANDMAP\\_Visual\\_Sensory#/](https://datamap.gov.wales/maps/new?layer=inspire-nrw:NRW_LANDMAP_Visual_Sensory#/) (Accessed 17/04/2026)
- Ref 2 Welsh Government LANDMAP Guidance Note 46, 2025, Available online: <https://naturalresources.wales/guidance-and-advice/business-sectors/planning-and-development/evidence-to-inform-development-planning/landmap-the-welsh-landscape-baseline/?lang=en> (Accessed 17/04/2026)