

# Connah's Quay Low Carbon Power

## Guide to the Application

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Planning Act 2008 (as amended)

Infrastructure Planning (Applications: Prescribed Forms and Procedure) Regulations 2009 Regulation 5(2)(q)

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# 1. Introduction

## 1.1 Background

- 1.1.1 This **Guide to the Application (EN010166/APP/1.3)** has been prepared on behalf of Uniper UK Limited (the Applicant) by DWD Property and Planning Limited (DWD). It forms part of the application (the Application) that has been submitted for a Development Consent Order (a DCO) from the Secretary of State (the SoS), under Section 37 of the Planning Act 2008 (the 2008 Act) in respect of the Connah's Quay Low Carbon Power (CQLCP) project (the Proposed Development) on land at, and in the vicinity of, the existing Connah's Quay Power Station Site, Kelsterton Road, Connah's Quay, Flintshire, North Wales. The Application was accepted for examination on 28 August 2025.
- 1.1.2 The Applicant is Uniper UK Limited, a United Kingdom (UK) based company, wholly owned by Uniper SE (Uniper) through Uniper Holding GmbH. Uniper is a European energy company with global reach and activities in more than 40 countries. With approximately 7,500 employees worldwide, the company makes an important contribution to security of supply in Europe, particularly in its core markets of Germany, the UK, Sweden and the Netherlands. In the UK, Uniper owns and operates a flexible generation portfolio of power stations, a fast-cycle gas storage facility and two high pressure gas pipelines, from Theddlethorpe to Killingholme and from Blyborough to Cottam.
- 1.1.3 Uniper is committed to investing around €8 billion (~£6.9 billion) in growth and transformation projects by the early 2030s and aims to be carbon-neutral by 2040. To achieve this, the company is transforming its power plants and facilities and investing in flexible, dispatchable power generating units. Uniper is already one of Europe's largest operators of hydropower plants and is helping further expand solar and wind power, which are essential for a more sustainable and secure future. Uniper is gradually adding renewable and low-carbon gases such as biomethane to its gas portfolio and is developing a hydrogen portfolio with the aim of a long-term transition. The company plans to offset any remaining carbon dioxide (CO<sub>2</sub>) emissions by high-quality CO<sub>2</sub>-offsets.
- 1.1.4 The Proposed Development, which the Applicant is seeking development consent for, involves the construction, operation (including maintenance) and decommissioning of a proposed low carbon Combined Cycle Gas Turbine (CCGT) Generating Station fitted with Carbon Capture Plant (CCP) (the CQLCP Abated Generating Station) and supporting infrastructure on land at, and in the vicinity of, the Connah's Quay Power Station Site, Kelsterton Road, Connah's Quay, Deeside.
- 1.1.5 Development consent is required for the Proposed Development as it has a generating capacity that exceeds 350 megawatts (MW) and is classified as a 'Nationally Significant Infrastructure Project' (an NSIP) under Sections 14(1)(a), 15(1) and 15(3A) of the 2008 Act. As a result, the Applicant is



required to obtain a DCO to authorise the Proposed Development under the 2008 Act.

## 1.2 The Development Consent Process

- 1.2.1 Under the 2008 Act, development consent can be granted in the form of a DCO for certain types of NSIPs by the relevant SoS – in the case of energy infrastructure projects, this is the SoS for the DESNZ.
- 1.2.2 Section 14 of the 2008 Act defines the types of development that constitute a NSIP and require development consent under Section 31. In the 'field' of energy these include generating stations, electric lines, underground gas storage facilities, liquified natural gas facilities, gas reception facilities, gas transporter pipelines and other forms of pipeline.
- 1.2.3 The Proposed Development falls within the definition of a NSIP under Sections 14(1)(a), 15(1) and 15(3A) of the 2008 Act, as it is for the construction of an onshore generating station in Wales which does not generate electricity from wind and has a capacity of more than 350 MW. As a result, the Applicant is required to obtain a DCO to authorise the Proposed Development under the 2008 Act.
- 1.2.4 Section 115(4A) of the 2008 Act provides that an application for development consent for the construction of a generating station that is expected to be within Section 15(3A) can include 'associated development'. Guidance issued by the Department for Communities and Local Government entitled 'Planning Act 2008: associated development applications for major infrastructure projects' in April 2013 (Ref-2) states that associated development should either support the construction or operation of the principal development (the NSIP) or help address its impacts. Examples of associated development for generating stations include gas and electricity grid connections. The Application for the Proposed Development includes associated development.
- 1.2.5 Section 37 of the 2008 Act governs the form and content of the documents that are required as part of a DCO application. Key requirements are also implemented through the Infrastructure Planning (Applications: Prescribed Forms and Procedure) Regulations 2009 (the 'APFP Regulations') (Ref-3); the Infrastructure Planning (Miscellaneous Provisions) Regulations 2024 (Ref-4); and the Infrastructure Planning (Environmental Impact Assessment) Regulations 2017 (the 'EIA Regulations') (Ref-5).
- 1.2.6 The Application was submitted to the Planning Inspectorate (PINS) acting on behalf of the SoS on 5 August 2025. The Application was accepted for examination on 28 August 2025, and PINS have appointed an Inspector, the Examining Authority (ExA), to examine the Application. The examination commenced on 13 January 2026. At the end of the examination the ExA will make a recommendation to the SoS, who will then decide whether to make (grant) the DCO for the Proposed Development.

## 1.3 The Proposed Development Site

- 1.3.1 The Proposed Development Site is located approximately 0.6 kilometres (km) north-west of the town of Connah's Quay in Flintshire, north-east



Wales. The Proposed Development Site lies entirely within the administrative area of Flintshire County Council (FCC).

- 1.3.2 The Proposed Development Site (the Order limits) comprises a total area of approximately 105 hectares (ha). Around 86.2 ha of the land within the Order limits relates to the 'Construction and Operation Area', comprising the 'Main Development Area' (MDA), connections corridors and construction areas necessary for the construction, operation and decommissioning of the Proposed Development. The remaining land, approximately 18.8 ha, is included within the Order limits for the 'Accommodation Works Areas', comprising areas of works required to facilitate the movement and temporary storage of Abnormal Indivisible Loads (AILs) during construction of the Proposed Development.
- 1.3.3 The Site comprises the following areas of permanent and temporary land use:
- Construction and Operation Area, including:
    - MDA;
    - Repurposed CO<sub>2</sub> Connection Corridor;
    - Proposed CO<sub>2</sub> Connection Corridor;
    - Water Connection Corridor;
    - Electrical Connection Corridor;
    - Surface Water Outfall Area;
    - Construction and Indicative Enhancement Area (C&IEA);
    - MDA Access Works Area;
    - Access to C&IEA; and
    - Alternative Access to MDA;
  - Accommodation Works Areas, including:
    - A548 from Port of Mostyn to Greenfield;
    - Tir Glas Roundabout;
    - A548 through Flint to Chester Road Roundabout;
    - AIL Access;
    - Connah's Quay North; and
    - North Road to the A548.
- 1.3.4 To the north and north-west of the existing Connah's Quay Power Station and the MDA is the River Dee and its estuary, much of which is subject to statutory nature conservation designations. The town of Connah's Quay is located to the south-east, immediately beyond the A548 and the North Wales Main Line railway. The area to the west and south-west of the Construction and Operation Area is mainly used for agriculture purposes. High voltage (HV) overhead line and distribution overhead lines extend into the surrounding area.
- 1.3.5 The majority of the Site is within the ownership or control of the Applicant and the MDA is centred on national grid references 327347 and 371374.



- 1.3.6 The location of the Proposed Development Site is shown on the **Site Location Plan (EN010166/APP/2.1)** and the extent of the Order limits is shown on the **Land Plans (EN010166/APP/2.2)** both of which form part of the Application.
- 1.3.7 A more detailed description of the Proposed Development Site and its surroundings is provided at **Chapter 3: 'Location of the Proposed Development' (EN010166/APP/6.2.3)** of the **Environmental Statement (ES)**.

## 1.4 The Proposed Development

- 1.4.1 The Application seeks development consent for the demolition of an existing Gas Treatment Plant (GTP), distinct from the existing Connah's Quay Power Station, and Above Ground Installation (AGI), store buildings, and contractors' facilities on site; and the construction and operation (including maintenance) and decommissioning of a proposed low carbon Combined Cycle Gas Turbine (CCGT) Generating Station with Carbon Capture Plant (CCP) achieving a net electrical output capacity of more than 350 MW (referred to as MWe for electrical output) and up to a likely maximum of 1,380 MWe (with the CCP operational) onto the national electricity transmission network; natural gas, water abstraction and discharge and electricity connections; a CO<sub>2</sub> connection to the HyNet CO<sub>2</sub> Pipeline Project; AGIs; utilities; construction laydown areas; access works; and other associated and ancillary development.
- 1.4.2 The Proposed Development is referred to as the 'CQLCP' project. It would be fuelled by natural gas. It is designed to operate with a post-combustion CCP installed and would generally be operated as a dispatchable low carbon generating station.
- 1.4.3 The location of the Proposed Development makes use of the existing available infrastructure links including electrical grid and gas (specifically the National Grid Electricity Transmission plc (NGET), which builds and maintains the electricity transmission networks in England and Wales, and National Gas Transmission plc (NGT) networks) and has been sited to facilitate its connection to the HyNet CO<sub>2</sub> Pipeline Project, which was granted development consent in March 2024.
- 1.4.4 The Proposed Development would include up to two new integrated power generation and carbon capture 'Trains'. Each Train comprises the assets required within the MDA for the CCGT plant with CCP to operate, including supporting buildings, structures, infrastructure, and staff facilities. It is anticipated that the two Trains would be installed in a phased manner (phased construction) or as a single phase (simultaneous construction) and may share certain facilities, but once commissioned, would be largely independent in operation. Although the Proposed Development comprises up to two Trains, the process description defined within the ES refers to one single process Train as they will be equivalent to each other.
- 1.4.5 The electrical connection, for the export of electricity from the CCGT Generating Station to the National Grid, is proposed via the existing 400 kilovolt (kV) NGET substation to the south-east.



- 1.4.6 The Proposed Development would connect into nearby CO<sub>2</sub> transport and storage (T&S) infrastructure as part of the HyNet Cluster, enabling the captured CO<sub>2</sub> to be safely transported to permanent offshore storage facilities in repurposed depleted offshore gas fields at the Point of Ayr Gas Terminal. The CO<sub>2</sub> would be transported into the Proposed CO<sub>2</sub> AGI (to be operated by Liverpool Bay CCS Limited) which would control the entry of CO<sub>2</sub> into the T&S network.
- 1.4.7 The Proposed Development would utilise approximately 3 km of the existing natural gas pipeline from the Proposed CO<sub>2</sub> AGI terminating at a point south of Pentre Ffwrndan, east of Allt-Goch Lane for the transportation of CO<sub>2</sub> (the Repurposed CO<sub>2</sub> Connection Corridor). The existing pipeline would then connect into a new proposed CO<sub>2</sub> pipeline (the Proposed CO<sub>2</sub> Connection), that is around 422 metres (m) in length, to connect into Liverpool Bay CCS Limited's Flint AGI. The remaining pipeline between the Flint AGI to the Point of Ayr Gas Terminal would be repurposed under the HyNet CO<sub>2</sub> Pipeline Project.
- 1.4.8 The land for access works includes Connah's Quay North to the north-east of the existing Connah's Quay Power Station and road access to the port from the A548. It also includes land for access works along the A548 towards the Port of Mostyn to the north-west. The road accesses to these ports are included as part of the Proposed Development for the transportation of materials and equipment, including AILs, to the Proposed Development Site. No permanent works would need to be undertaken in these locations with just temporary accommodation works proposed.
- 1.4.9 As we become more reliant on electricity, with the electrification of sectors such as transport, heating and industry, more generation capacity will be needed. According to the UK's independent advisor on climate change, the Climate Change Committee (CCC) demand for electricity is forecast to increase by 50% by 2035<sup>1</sup>. To meet this increasing demand and achieve the UK's decarbonisation goals, the CCC has also advised that a range of different technologies with both renewables and decarbonised generation, such as gas with carbon capture and storage (CCS), will be needed to maintain a secure and stable supply of electricity<sup>2</sup>.
- 1.4.10 This is in accordance with the aims of the Overarching National Policy Statement (NPS) for Energy (EN-1) (January 2024), which outlines that to support the urgent need for new low carbon infrastructure, natural gas fired generation, which is carbon capture ready, is considered to be critical national priority (CNP) infrastructure. In addition, the NPS for Natural Gas Electricity Generating Infrastructure (EN-2) confirms the vital role gas fired generating stations will play in providing reliable electricity supplies and a secure and diverse energy mix as the UK makes its transition towards a secure decarbonised electricity system.
- 1.4.11 The proposed new CCGT Generating Station with CCP at Connah's Quay would be able to flexibly and reliably generate low carbon power to meet the

<sup>1</sup> In its Balanced Pathway for the Sixth Carbon Budget (Dec 2020), the UK's Climate Change Committee (CCC) forecast a 50% increase in electricity demand by 2035 and a doubling in electricity demand by 2050 (Sixth Carbon Budget - Climate Change Committee (<https://www.theccc.org.uk/wp-content/uploads/2020/12/The-Sixth-Carbon-Budget-The-UKs-path-to-Net-Zero.pdf>))

<sup>2</sup> CCC Sixth Carbon Budget electricity generation sector summary Sector-summary-Electricity-generation.pdf (<https://www.theccc.org.uk/wp-content/uploads/2020/12/Sector-summary-Electricity-generation.pdf>)



growing need for electricity, whenever it is required. Power stations such as this will play a crucial role in the future energy system, as they can help ensure that energy is available at times when it is needed most, and when power from renewable sources cannot meet demand.

1.4.12 Connah's Quay is an ideal location to establish a low carbon power station – it would connect into nearby CO<sub>2</sub> T&S infrastructure as part of the HyNet Cluster, and benefits from the on-hand expertise of the existing highly skilled workforce. There has also been a power station on site for over seventy years, meaning essential energy infrastructure is already in place, including an existing pipeline, which can be repurposed for the transport of captured CO<sub>2</sub> to the existing depleted offshore gas fields where it would be permanently stored.

1.4.13 The Proposed Development comprises the following main elements:

- **Work No. 1** – A CCGT electricity generating station of more than 350 MW with CCP and ancillary buildings and structures within the MDA. This includes:
  - up to two CCGT plants;
  - up to two CO<sub>2</sub> capture plants;
  - plant cooling and utilities infrastructure;
  - natural gas reception facility;
  - CO<sub>2</sub> interface facility;
  - administration, control room and stores;
  - demolition of existing buildings and structures including the existing GTP;
  - demolition of the existing ENI AGI; and
  - various ancillary works.
- **Work No. 2** – Infrastructure connection works, including:
  - works to connect to an existing high pressure gas supply pipeline running within the existing power station site;
  - underground and potentially overground electrical cables and control system cables to connect Work No. 1 to switch disconnectors;
  - new connections and improvements to existing water pipelines between Work No. 1 and the supply point north of Kelsterton Road and;
  - cooling water connections from Work No. 3 to Work No. 1.
- **Work No. 3** – Water supply connection works to provide cooling water to Work No.1 and discharge of used cooling water and treated process water. This Work comprises works to the existing cooling water supply pipelines between Work No. 1 and the River Dee and the existing intake structures within the River Dee between the existing concrete manifold and existing protection structure.
- **Work No. 4** – Temporary construction and laydown areas.
- **Work No. 5** – Construction of a surface water discharge.



- **Work No. 6** – Electrical connection works for the export and import of electricity, including works within the existing National Grid substation.
  - **Work No. 7** – Construction of an underground CO<sub>2</sub> pipeline of approximately 422 m in length between Work No. 8 and the existing repurposed natural gas pipeline (to be used for CO<sub>2</sub>).
  - **Work No. 8** – Modification of an AGI at Flint to connect the CO<sub>2</sub> pipeline into the HyNet CO<sub>2</sub> Pipeline.
  - **Work No. 9** – The creation and use of a temporary logistics and construction compound for use during construction.
  - **Work No. 10** – Works to provide site access.
  - **Work No. 11** – Temporary Accommodation works to facilitate haulage route access between the Port of Mostyn and Work No. 1., including the temporary removal of a gate and fence adjacent to the railway and subsequent reinstatement.
  - **Work No. 12** – Re-establishment and use of waterborne transport offloading facilities at Connah's Quay North (known as the Corus Jetty) south of Flintshire Bridge and temporary accommodation works to facilitate haulage route on existing roads between Connah's Quay North and Work No. 1.
  - **Work No. 13** – Landscaping, biodiversity enhancement measures and boundary treatment.
  - **Site Wide Works** – Further associated development comprising such other works or operations as may be necessary or expedient.
- 1.4.14 All the above elements of the Proposed Development are included in the Application.
- 1.4.15 All the elements of the Proposed Development and the related Works Nos. are set out at Schedule 1 of the **Draft DCO (EN010166/APP/3.1)**.
- 1.4.16 A more detailed description of the Proposed Development and how it will operate is provided at **Chapter 4: 'The Proposed Development' (EN010166/APP/6.2.4)** of the **ES**, including details of the maximum parameters. At this stage in the development, the design of the Proposed Development incorporates a necessary degree of flexibility for ongoing design development. The areas within which each of the main elements of the Proposed Development are to be built are denoted by the coloured and hatched areas on the **Works Plans (EN010166/APP/2.4)**.

## 1.5 The Purpose and Structure of this Document

- 1.5.1 The purpose of this Guide to the Application is to list the documents (the Application Documents) that make up the Application submitted to the SoS. In addition, it sets out how the Application Documents submitted comply with relevant legislative and policy requirements and guidance.
- 1.5.2 The Guide to the Application will be updated by the Applicant, as required, during the examination of the Application and the documents that have been superseded, in addition to any new documents, will be clearly identified.



- 1.5.3 The Guide to the Application has been prepared in accordance with guidance set out in the PINS Advice Note 'Preparation and submission of application documents' (2025).
- 1.5.4 The Application Documents are listed in **Table 2.1** of Section 2.



## 2. Application Documents

- 2.1.1 The Application Documents have been grouped into appropriate categories, taking account of the PINS Advice Note 'Preparation and submission of application documents' (2025), and each has been given its own document reference in **Table 2.1** below.
- 2.1.2 In addition to listing the Application Documents submitted, Table 2.1 also identifies where these have been provided to comply with relevant legislative and policy requirements and guidance. The legislative requirements for DCO applications are contained in the 2008 Act, the APFP Regulations, the Infrastructure Planning (Miscellaneous Provisions) Regulations 2024 and the EIA Regulations.
- 2.1.3 Regulation 5 in the APFP Regulations lists the documents that all DCO applications must include. Regulation 5 includes a category (Reg. 5(2)(q)) described as *"any other documents considered necessary to support the application"*. Similarly, Regulation 5 (Reg. 5(2)(o)) also allows applicants to submit other plans, drawings and sections which are considered necessary to describe the development. The documents, plans and drawings that have been provided by the Applicant under these categories of Regulation 5 are therefore not statutorily required but are those which it considers are necessary to explain and support the Application.
- 2.1.4 APFP Regulation 6 sets out a number of documents that particular types of DCO application must include. Regulation 6 in the APFP Regulations sets out the documents that, pursuant to Regulation 5(2)(p), must be provided for specific types of development. The documents prescribed for generating stations and pipelines are the APFP Regulations, The Infrastructure Planning (Miscellaneous Provisions) relevant to the Proposed Development and therefore an Electricity Grid Connection Statement and Gas Pipeline Connection Statement and Pipeline Statement have been prepared. For the avoidance of doubt, no construction or alteration of harbour facilities are proposed.
- 2.1.5 The Application submitted for the Proposed Development is considered to comply with the statutory requirements of the 2008 Act, the APFP Regulations and the EIA Regulations. Furthermore, the Application complies with the policy requirements under relevant NPSs and applicable SoS and other guidance.



## Explanatory Text

**Table 2.1** below sets out an iterative document schedule which corresponds with the key below.

### Key:

	White documents remain unchanged from Application submission (or, for Examination documents, the first deadline at which that document was submitted)
	Highlighted documents are the latest versions
	Greyed-out documents are superseded versions

**Table 2.1: Application Documents**

Application Document Reference	Application Document Name	Statutory / Other Requirement	Revision	Examination Library Reference (where available)
<b>Application form and related information</b>				
1.1	Application Form	2008 Act S.37(3)(b) APFP Reg. 5(1) & Schedule 2	N/A	APP-001
1.2	Application Cover Letter	APFP Reg. 5(2)(q)	N/A	APP-002
1.3	Guide to the Application (this document)	APFP Reg. 5(2)(q)	Rev 00	APP-00
1.3	Guide to the Application (this document)	APFP Reg. 5(2)(q)	Rev 01	AS-001
1.3	Guide to the Application (this document)	APFP Reg. 5(2)(q)	Rev 02	PDA-001



Application Document Reference	Application Document Name	Statutory / Other Requirement	Revision	Examination Library Reference (where available)
1.3	Guide to the Application (this document)	APFP Reg. 5(2)(q)	Rev 03	
1.4	Applicant's Section 55 checklist	APFP Reg. 5(2)(q)	N/A	APP-004
1.5	Electronic Application Index	APFP Reg. 5(2)(q)	N/A	APP-005
1.6	Pre-application Programme Document	APFP Reg. 5(2)(q)	N/A	APP-006
1.7	Copies of Newspaper Notices	2008 Act s.47 & 48 and EIA Reg. 13  APFP Reg. 5(2)(q)	N/A	APP-007
1.8	Applicant's Response to PINS Section 51 Advice and Section 55 Checklist	APFP Reg. 5(2)(q)	Rev 00	AS-001
<b>Plans</b>				
2.1	Site Location Plan	APFP Reg.5(2)(o)	Rev 00	APP-008
2.2	Land Plans	APFP Reg.5(2)(i)	Rev 00	APP-009
2.3	Crown Land Plans	APFP Reg. 5(2)(n)	Rev 00	APP-010
2.4	Works Plans	APFP Reg. 5(2)(j)	Rev 00	APP-011
2.5	Parameter Plans	APFP Reg. 5(2)(o)	Rev 00	APP-012
2.6	Access, Streets, Rights of Way, and Rights of Navigation Plans	APFP Reg. 5(2)(k)	Rev 00	APP-013
2.7	Traffic Regulation Measures Plans	APFP Reg. 5(2)(k)	Rev 00	APP-014
2.8	Hedgerow Removal Plan	APFP Reg. 5(2)(l)	Rev 00	APP-015



Application Document Reference	Application Document Name	Statutory / Other Requirement	Revision	Examination Library Reference (where available)
2.9	Waterbodies in a River Basin Management Plan	APFP Reg. 5(2)(l)	Rev 00	APP-016
2.10	Statutory and Non-statutory Sites or Features of Nature Conservation and Important Habitat Plans	APFP Reg. 5(2)(l)	Rev 00	APP-017
2.11	Statutory and Non-Statutory Sites or Features of Historic Environment Plan	APFP Reg. 5(2)(m)	Rev 00	APP-018
7.9	Existing site layout drawing	APFP Reg. 5(2)(o)	Rev 00	APP-265
7.10	Existing station shared infrastructure drawing	APFP Reg. 5(2)(o)	Rev 00	APP-266
7.11	Indicative Site Layout	APFP Reg. 5(2)(o)	Rev 00	APP-267
7.12	Indicative Design - Side Wide Elevations	APFP Reg. 5(2)(o)	Rev 00	APP-268
7.13	Indicative Design - Elevations	APFP Reg. 5(2)(o)	Rev 00	APP-269
7.14	Indicative Cooling Water and Waste Water Connection Plans Sheet 1 of 2	APFP Reg. 5(2)(o)	Rev 00	APP-270
7.15	Indicative Cooling Water and Waste Water Connection Plans Sheet 2 of 2	APFP Reg. 5(2)(o)	Rev 00	APP-271
7.16	Indicative Electrical Connection Plans	APFP Reg. 5(2)(o)	Rev 00	APP-272
7.17	Indicative CO <sub>2</sub> Above Ground Installation Plans	APFP Reg. 5(2)(o)	Rev 00	APP-273



Application Document Reference	Application Document Name	Statutory / Other Requirement	Revision	Examination Library Reference (where available)
7.18	Indicative Gas Supply Pipeline Connection Plans and Gas Above Ground Installation Plans	APFP Reg. 5(2)(o)	Rev 00	APP-274
7.19	Indicative Towns Water Connections Plan	APFP Reg. 5(2)(o)	Rev 00	APP-275
7.20	Indicative Access Design	APFP Reg. 5(2)(k)	Rev 00	APP-276
<b>Draft Development Consent Order</b>				
3.1	Draft Development Consent Order	APFP Reg. 5(2)(b)	Rev 00	APP-019
3.1	Draft Development Consent Order	APFP Reg. 5(2)(b)	Rev 01	
3.2	Explanatory Memorandum to the Draft DCO	APFP Reg. 5(2)(c)	Rev 00	APP-020
3.2	Explanatory Memorandum to the draft Development Consent Order	APFP Reg. 5(2)(c)	Rev 01	
3.3	Consents and Agreement Position Statement	APFP Reg. 5(2)(q)	Rev 00	APP-021
3.3	Consents and Agreement Position Statement	APFP Reg. 5(2)(q)	Rev 01	
3.4	Development Consent Order Validation Report	APFP Reg. 5(2)(q)	Rev 00	APP-022
3.5	Development Consent Order Guidance Compliance Checklist	APFP Reg. 5(2)(q)	Rev 00	APP-023



Application Document Reference	Application Document Name	Statutory / Other Requirement	Revision	Examination Library Reference (where available)
3.6	Schedule of changes to Draft Development Consent Order	APFP Reg. 5(2)(q)	Rev 00	
<b>Compulsory Acquisition Information</b>				
4.1	Book of Reference	APFP Reg. 5(2)(d) and Reg. 7	Rev 00	APP-024
4.1	Book of Reference	APFP Reg. 5(2)(d) and Reg. 7	Rev 01	
4.2	Land and Rights Negotiations Tracker	APFP Reg. 5(2)(q)	Rev 00	APP-025
4.2	Land and Rights Negotiations Tracker	APFP Reg. 5(2)(q)	Rev 01	
4.3	Statement of Reasons	APFP Reg. 5(2)(h)	Rev 00	APP-026
4.3	Statement of Reasons	APFP Reg. 5(2)(h)	Rev 01	
4.4	Funding Statement	APFP Reg. 5(2)(h)	Rev 00	APP-027
4.4	Funding Statement	APFP Reg. 5(2)(h)	Rev.01	AS-003
<b>Consultation Report</b>				
5.1	Consultation Report	Section 37(3)(c) and 37(7) 2008 Act, APFP Reg. 5(2)(q)	Rev 00	APP-028
5.2	Consultation Report Appendix A: Non Statutory Consultation	Section 37(3)(c) and 37(7) 2008 Act, APFP Reg. 5(2)(q)	Rev 00	APP-029
5.2	Consultation Report: Appendix B Statement of Community Consultation	Section 37(3)(c) and 37(7) 2008 Act, APFP Reg. 5(2)(q)	Rev 00	APP-030
5.2	Consultation Report: Appendix C Statutory Consultation	Section 37(3)(c) and 37(7) 2008 Act, APFP Reg. 5(2)(q)	Rev 00	APP-031



Application Document Reference	Application Document Name	Statutory / Other Requirement	Revision	Examination Library Reference (where available)
5.2	CONFIDENTIAL Consultation Report: Appendix D Distribution Lists and Sample Letters	Section 37(3)(c) and 37(7) 2008 Act, APFP Reg. 5(2)(q)	Rev 00	APP-032
5.2	Consultation Report: Appendix E Consultation Responses	Section 37(3)(c) and 37(7) 2008 Act, APFP Reg. 5(2)(q)	Rev 00	APP-033
5.2	Consultation Report: Appendix F Compliance	Section 37(3)(c) and 37(7) 2008 Act, APFP Reg. 5(2)(q)	Rev 00	APP-034
5.2	Consultation Report: Appendix G Targeted Consultation	Section 37(3)(c) and 37(7) 2008 Act, APFP Reg. 5(2)(q)	Rev 00	APP-035
5.2	Consultation Report: Appendix H Ongoing Engagement	Section 37(3)(c) and 37(7) 2008 Act, APFP Reg. 5(2)(q)	Rev 00	APP-036
<b>Environmental Statement</b>				
<b>Volume I</b>	<b>Environmental Statement: Non-Technical Summary (NTS)</b>	All APFP Reg. 5(2)(a) and EIA Reg. 14 unless stated		
6.1	Environmental Statement NTS		Rev 00	APP-037
<b>Volume II</b>	<b>Environmental Statement Chapters</b>	All APFP Reg. 5(2)(a) and EIA Reg. 14 unless stated (APFP Regs cited below are in addition)		
6.2	Glossary Abbreviations Contents		Rev 00	APP-038
6.2.1	Chapter 1: Introduction		Rev 00	APP-039



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6.2.2	Chapter 2: Assessment Methodology		Rev 00	APP-040
6.2.3	Chapter 3: Location of the Proposed Development		Rev 00	APP-041
6.2.4	Chapter 4: The Proposed Development		Rev 00	APP-042
6.2.5	Chapter 5: Construction Management and Programme		Rev 00	APP-043
6.2.6	Chapter 6: Project Alternatives		Rev 00	APP-044
6.2.7	Chapter 7: Planning Policy		Rev 00	APP-045
6.2.8	Chapter 8: Air Quality		Rev 00	APP-046
6.2.9	Chapter 9: Noise and Vibration		Rev 00	APP-047
6.2.10	Chapter 10: Traffic and Transport		Rev 00	APP-048
6.2.11	Chapter 11: Terrestrial and Aquatic Ecology	APFP Reg. 5(2)(l)	Rev 00	APP-04
6.2.12	Chapter 12: Marine Ecology	APFP Reg. 5(2)(l)	Rev 00	APP-050
6.2.13	Chapter 13: Water Environment and Flood Risk	APFP Reg. 5(2)(e)	Rev 00	APP-051
6.2.14	Chapter 14: Geology and Ground Conditions	APFP Reg. 5(2)(l)	Rev 00	APP-052
6.2.15	Chapter 15: Landscape and Visual Amenity	APFP Reg. 5(2)(l)	Rev 00	APP-053
6.2.16	Chapter 16: Physical Processes		Rev 00	APP-054



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6.2.17	Chapter 17: Terrestrial Heritage	APFP Reg. 5(2)(m)	Rev 00	APP-055
6.2.18	Chapter 18: Marine Heritage	APFP Reg. 5(2)(m)	Rev 00	APP-056
6.2.19	Chapter 19: Socio-Economics, Recreation and Tourism		Rev 00	APP-057
6.2.20	Chapter 20: Climate Change		Rev 00	APP-058
6.2.21	Chapter 21: Human Health		Rev 00	APP-059
6.2.22	Chapter 22: Major Accidents and Disasters		Rev 00	APP-060
6.2.23	Chapter 23: Materials and Waste		Rev 00	APP-061
6.2.24	Chapter 24: Cumulative and Combined Effects		Rev 00	APP-062
6.2.25	Chapter 25: Summary of Likely Significant Effects		Rev 00	APP-063
<b>Volume III</b>	<b>Environmental Statement Figures</b>	All APFP Reg. 5(2)(a) & (o) and EIA Reg. 14 unless stated (APFP Regs cited below are in addition)		
6.3	Figure 1-1: Location of the Connah's Quay Low Carbon Power Abated Generating Station		Rev 00	APP-064
6.3	Figure 1-2: Site Location Plan		Rev 00	APP-065



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6.3	Figure 1-3: Proposed Development Interface with HyNet CO <sub>2</sub> Pipeline Project		Rev 00	APP-066
6.3	Figure 3-1: Order Limits		Rev 00	APP-067
6.3	Figure 3-2: Existing Areas of the MDA		Rev 00	APP-068
6.3	Figure 3-3: Areas Described in the ES		Rev 00	APP-069
6.3	Figure 3-4: Aerial Imagery of the Existing Land Use around the Order Limits		Rev 00	APP-070
6.3	Figure 3-5: Key Environmental Constraints (Centred on the MDA)	APFP Reg. 5(2)(l)	Rev 00	APP-071
6.3	Figure 3-6: Marine Area (Centred on Water Connection Corridor and Connah's Quay North)	APFP Reg. 5(2)(l)	Rev 00	APP-072
6.3	Figure 3-7: Key Environmental Constraints (Centred on A548 from Port of Mostyn to Greenfield Accommodation Works)	APFP Reg. 5(2)(l)	Rev 00	APP-073
6.3	Figure 3-8: Key Environmental Constraints (Centred on Tir Glas Roundabout Accommodation Works)	APFP Reg. 5(2)(l)	Rev 00	APP-074
6.3	Figure 3-9: Key Environmental Constraints (A548 through Flint to	APFP Reg. 5(2)(l)	Rev 00	APP-075



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	Chester Road Roundabout Accommodation Works)			
6.3	Figure 3-10: Key Environmental Constraints (Connah's Quay North Accommodation Works)	APFP Reg. 5(2)(l)	Rev 00	APP-076
6.3	Figure 3-11: Key Environmental Constraints (Centred on North Road to the A548 Accommodation Works)	APFP Reg. 5(2)(l)	Rev 00	APP-077
6.3	Figure 3-12: Key Environmental Constraints (Centred on AIL Access Accommodation Works)	APFP Reg. 5(2)(l)	Rev 00	APP-078
6.3	Figure 4-1: Indicative Site Layout		Rev 00	APP-079
6.3	Figure 4-2: Maximum Parameters		Rev 00	APP-080
6.3	Figure 5.1: Key Plan - Indicative Construction Work Areas		Rev 00	APP-081
6.3	Figure 5.2: Demolition Areas		Rev 00	APP-082
6.3	Figure 5.3: Construction Areas		Rev 00	APP-083
6.3	Figure 5.4: Abnormal Load Routing Options		Rev 00	APP-084
6.3	Figure 5.5 Vegetation Clearance Plan		Rev 00	APP-085
6.3	Figure 6-1: Location of key connection infrastructure		Rev 00	APP-086



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6.3	Figure 6-2: Location of alternative locations within the Connah's Quay Site		Rev 00	APP-087
6.3	Figure 6-3: Proposals at Statutory Consultation (October 2024)		Rev 00	APP-088
6.3	Figure 6-4: Indicative Construction Laydown Areas at Statutory Consultation (October 2024)		Rev 00	APP-089
6.3	Figure 6-5: Reduction from the Indicative Site Boundary to the Order Limits		Rev 00	APP-090
6.3	Figure 6.6: Indicative Location of Design Changes		Rev 00	APP-091
6.3	Figure 8-1: Construction Phase Assessment – Air Quality Study Area and Baseline Monitoring Locations		Rev 00	APP-092
6.3	Figure 8-2: Operational Phase Assessment – Air Quality Study Area and Human Health Receptors		Rev 00	APP-093
6.3	Figure 8-3: Operational Phase Assessment – Air Quality Study Area and Ecological Receptors		Rev 00	APP-094
6.3	Figure 8-4: Air Quality Study Area – Modelled Buildings		Rev 00	APP-095



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6.3	Figure 8-5: FEED 1 Scenario, Annual Mean NO <sub>2</sub> Process Contribution (µg/m <sup>3</sup> ), 2020 Meteorological Data		Rev 00	APP-096
6.3	Figure 8-6: FEED 1 Scenario, 1-hour Mean NO <sub>2</sub> Process Contribution (µg/m <sup>3</sup> ), 99.79th Percentile of Hourly Averages, 2022 Meteorological Data		Rev 00	APP-097
6.3	Figure 8-7: FEED 1 Scenario, Maximum 8-hour Mean CO Process Contribution (µg/m <sup>3</sup> ), 100th Percentile of Hourly Averages, 2020 Meteorological Data		Rev 00	APP-098
6.3	Figure 8.8: FEED 1 Scenario, Maximum 1-hour Mean Amines Process Contribution (µg/m <sup>3</sup> ), 100th Percentile of Hourly Averages, 2020 Meteorological Data			APP-099
6.3	Figure 8-9: FEED 1 Scenario, Maximum 24-hour Mean Amines Process Contribution (µg/m <sup>3</sup> ), 100th Percentile of Hourly Averages, 2020 Meteorological Data		Rev 00	APP-100
6.3	Figure 8-10: FEED 1 Scenario, Annual Mean Total N-amines Process Contribution (ng/m <sup>3</sup> ), 2020 Meteorological Data		Rev 00	APP-101



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6.3	Figure 8-11: FEED 1 Scenario, Annual Mean NO <sub>x</sub> Process Contribution (% of the CL), 2020 Meteorological Data		Rev 00	APP-102
6.3	Figure 8-12: FEED 1 Scenario, Annual Mean Ammonia Process Contribution (% of the CL), 2020 Meteorological Data		Rev 00	APP-103
6.3	Figure 8-13: FEED 1 Scenario, Nitrogen Deposition Process Contribution (Grassland) (% of the CL), 2020 Meteorological Data		Rev 00	APP-104
6.3	Figure 8-14: FEED 2 Scenario, Annual Mean NO <sub>2</sub> Process Contribution (µg/m <sup>3</sup> ), 2020 Meteorological Data		Rev 00	APP-105
6.3	Figure 8-15: FEED 2 Scenario, 1 hour Mean NO <sub>2</sub> Process Contribution (µg/m <sup>3</sup> ), 99.79th Percentile of Hourly Averages, 2022 Meteorological Data		Rev 00	APP-106
6.3	Figure 8-16: FEED 2 Scenario, Maximum 8-hour Mean CO Process Contribution (µg/m <sup>3</sup> ), 100th Percentile of Hourly Averages, 2020 Meteorological Data		Rev 00	APP-107
6.3	Figure 8-17: FEED 2 Scenario, Maximum 1-hour Mean Amines Process		Rev 00	APP-108



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	Contribution ( $\mu\text{g}/\text{m}^3$ ), 100th Percentile of Hourly Averages, 2020 Meteorological Data			
6.3	Figure 8-18: FEED 2 Scenario, Maximum 24-hour Mean Amines Process Contribution ( $\mu\text{g}/\text{m}^3$ ), 100th Percentile of Hourly Averages, 2020 Meteorological Data		Rev 00	APP-109
6.3	Figure 8-19: FEED 2 Scenario, Annual Mean Total N-amines Process Contribution ( $\text{ng}/\text{m}^3$ ), 2020 Meteorological Data		Rev 00	APP-110
6.3	Figure 8-20: FEED 2 Scenario, Annual Mean NO <sub>x</sub> Process Contribution (% of the CL), 2021 Meteorological Data		Rev 00	APP-111
6.3	Figure 8-21: FEED 2 Scenario, Annual Mean Ammonia Process Contribution (% of the CL), 2021 Meteorological Data		Rev 00	APP-112
6.3	Figure 8-22: FEED 2 Scenario Nitrogen Deposition Process Contribution (Grassland) (% of the CL), 2021 Meteorological Data		Rev 00	APP-113



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6.3	Figure 8-23: Unabated Scenario, Annual Mean NO <sub>2</sub> Process Contribution (µg/m <sup>3</sup> ), 2021 Meteorological Data		Rev 00	APP-114
6.3	Figure 8-24: Unabated Scenario, 1-hour Mean NO <sub>2</sub> Process Contribution (µg/m <sup>3</sup> ), 99.79th Percentile of Hourly Averages, 2021 Meteorological Data		Rev 00	APP-115
6.3	Figure 8-25: Unabated Scenario, Annual Mean NO <sub>x</sub> Process Contribution (% of the CL), 2020 Meteorological Data		Rev 00	APP-116
6.3	Figure 8-26: Unabated Scenario, Maximum 8-hour Mean CO Process Contribution (µg/m <sup>3</sup> ), 100th Percentile of Hourly Averages, 2021 Meteorological Data		Rev 00	APP-117
6.3	Figure 8-27: Unabated Scenario, Annual Mean Ammonia Process Contribution (% of the CL), 2020 Meteorological Data		Rev 00	APP-118
6.3	Figure 8-28: Unabated Scenario Nitrogen Deposition Process Contribution (Grassland) (% of the CL), 2020 Meteorological Data		Rev 00	APP-119



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6.3	Figure 9-1: Noise Sensitive Receptors and Sound Monitoring Locations		Rev 00	APP-120
6.3	Figure 9-2: MDA and Construction Laydown Areas Operational Sound Contours		Rev 00	APP-121
6.3	Figure 9-3: MDA Operational Sound Contours		Rev 00	APP-122
6.3	Figure 10-1: Local Highway Network		Rev 00	APP-123
6.3	Figure 11-1: Statutory Designated Sites within 15km of the Proposed Development	APFP Reg. 5(2)(l)	Rev 00	APP-124
6.3	Figure 11-2: Local Designated Sites within 2km of the Proposed Development	APFP Reg. 5(2)(l)	Rev 00	APP-125
6.3	Figure 11.3: Ancient woodland and priority habitat within 2km of the Proposed Development	APFP Reg. 5(2)(l)	Rev 00	APP-126
6.3	Figure 12-1: Marine Ecology Study Area including the Water Connection Corridor	APFP Reg. 5(2)(l)	Rev 00	APP-127
6.3	Figure 12-2: Designated Sites with Marine Ecological Features	APFP Reg. 5(2)(l)	Rev 00	APP-128
6.3	Figure 12-3: Overview of Intertidal Benthic Habitats within the Study Area	APFP Reg. 5(2)(l)	Rev 00	APP-129



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6.3	Figure 12-4: Broadscale Intertidal Benthic Habitats Identified during Intertidal Walkover Survey	APFP Reg. 5(2)(l)	Rev 00	APP-130
6.3	Figure 12.-5: Water Framework Directive Sensitive Habitats	APFP Reg. 5(2)(l)	Rev 00	APP-131
6.3	Figure 13-1: Surface Water Features	APFP Reg. 5(2)(e)	Rev 00	APP-133
6.3	Figure 13-1: Surface Water Features	APFP Reg. 5(2)(e)	Rev 01	
6.3	Figure 13-2: Superficial Geology	APFP Reg. 5(2)(l)	Rev 00	APP-133
6.3	Figure 13-3: Bedrock Geology	APFP Reg. 5(2)(l)	Rev 00	APP-134
6.3	Figure 13-4: Superficial Aquifers		Rev 00	APP-135
6.3	Figure 13-5: Bedrock Aquifers		Rev 00	APP-136
6.3	Figure 13-6: Water Resources		Rev 00	APP-137
6.3	Figure 13.7: Flood Map for Planning (River and Seas)	APFP Reg. 5(2)(e)	Rev 00	APP-138
6.3	Figure 13.8: Surface Water Flood Risk	APFP Reg. 5(2)(e)	Rev 00	APP-139
6.3	Figure 14-1: Study area boundaries		Rev 00	APP-140
6.3	Figure 14-2: Potential areas of contamination		Rev 00	APP-141
6.3	Figure 15-1: Study Area		Rev 00	APP-142
6.3	Figure 15-2: Topography		Rev 00	APP-143



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6.3	Figure 15-3: Landscape Context	APFP Reg. 5(2)(l)	Rev 00	APP-144
6.3	Figure 15-4A: National Landscape Character Areas	APFP Reg. 5(2)(l)	Rev 00	APP-145
6.3	Figure 15-4B: Local Landscape Character Area	APFP Reg. 5(2)(l)	Rev 00	APP-146
6.3	Figure 15-4B1: LANDMAP	APFP Reg. 5(2)(l)	Rev 00	APP-147
6.3	Figure 15-5: Public Rights of Way		Rev 00	APP-148
6.3	Figure 15-6: Representative Viewpoint Locations		Rev 00	APP-149
6.3	Figure 15-7: Zone of Theoretical Visibility - 65 m Main Site Structures (excluding absorber and HRSG)		Rev 00	APP-150
6.3	Figure 15-8: Zone of Theoretical Visibility - 150 m Absorber Column Height plus 8 m Raised Ground Level		Rev 00	APP-151
6.3	Figure 15-9 Canal & River Trust (CRT) Assets		Rev 00	APP-152
6.3	Figures 15-10 – 15-24: Winter Viewpoint Photography		Rev 00	APP-153
6.3	Figures 15.10A – 15.24A: Summer Viewpoint Photography		Rev 00	APP-154



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6.3	Figures 15-25 – 15-30: Viewpoint Wireline Sheets		Rev 00	APP-155
6.3	Figure 16-1: Designated Areas within the Dee Estuary	APFP Reg. 5(2)(l)	Rev 00	APP-156
6.3	Figure 16-2: Upstream and downstream Zone of Influence (ZOI)		Rev 00	APP-157
6.3	Figure 17-1: Terrestrial Designated Heritage Assets	APFP Reg. 5(2)(m)	Rev 00	APP-158
6.3	Figure 17-2: ZTV Terrestrial Designated Heritage Assets	APFP Reg. 5(2)(m)	Rev 00	APP-159
6.3	Figure 17-3: Terrestrial Non-designated Heritage Assets	APFP Reg. 5(2)(m)	Rev 00	APP-160
6.3	Figure 18-1: Marine Cultural Heritage Study Area	APFP Reg. 5(2)(m)	Rev 00	APP-161
6.3	Figure 18-2: Marine Heritage Assets	APFP Reg. 5(2)(m)	Rev 00	APP-162
6.3	Figure 19-1: Mapped 500m, 1 km, and 2 km radii from the Order Limits		Rev 00	APP-163
6.3	Figure 19-2: Mapped 60-minute drive time radius from the Order Limits		Rev 00	APP-164
6.3	Figure 19-3: Mapped 30-minute drive time radius from the Order Limits		Rev 00	APP-165



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6.3	Figure 21-1: Welsh Index of Multiple Deprivation within the Baseline Study Area		Rev 00	APP-166
6.3	Figure 22-1: Listed COMAH Sites within 5km of the Construction and Operation Area		Rev 00	APP-167
6.3	Figure 24-1: Zones of Influence		Rev 00	APP-168
6.3	Figure 24.2: Identified Proposed Schemes		Rev 00	APP-169
6.3	Figure 24-3: Short List of Proposed Schemes		Rev 00	APP-170
6.3	Figure 24-4: Short List of Proposed Schemes within 5 km of the Construction and Operation Area		Rev 00	APP-171
<b>Volume IV</b>	<b>Environmental Statement Appendices</b>	All APFP Reg. 5(2)(a) & (q) and EIA Reg. 14 unless stated (APFP Regs cited below are in addition)		
6.4	1-A: Scoping Report		Rev 00	APP-172
6.4	1-B: Scoping Opinion		Rev 00	APP-173
6.4	1-C: Statement of Competence		Rev 00	APP-174
6.4	2-A: Transboundary Screening Matrix		Rev 00	APP-175



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6.4	2-B: Scoping Opinion Response		Rev 00	APP-176
6.4	4-A: Operation and Maintenance Mitigation Register		Rev 00	APP-177
6.4	5-A: Environmental Screening of Accommodation Works		Rev 00	APP-178
6.4	7-A: Legislative, Policy and Guidance Framework for Technical Topics		Rev 00	APP-179
6.4	8-A: Baseline Air Quality Information		Rev 00	APP-180
6.4	8-B: Air Quality Construction Dust Risk Assessment		Rev 00	APP-181
6.4	8-C: Air Quality Traffic Emission Assessment		Rev 00	APP-182
6.4	8-D: Air Quality Operational Assessment		Rev 00	APP-183
6.4	9-A: Noise and Vibration Methodology		Rev 00	APP-184
6.4	9-B: Baseline Sound Level Survey		Rev 00	APP-185
6.4	9-C: Construction Noise Effects and Assumptions		Rev 00	APP-186
6.4	9-D: Operational Sound Information		Rev 00	APP-187
6.4	10-A: Transport Assessment		Rev 00	APP-187
6.4	10-A: Transport Assessment		Rev 01	



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6.4	11-A: Ecological Impact Assessment Methodology		Rev 00	APP-189
6.4	11-B: Terrestrial and Aquatic Ecology Baseline Surveys	APFP Reg. 5(2)(l)	Rev 00	APP-190
6.4	11-C: Botanical Technical Appendix REDACTED	APFP Reg. 5(2)(l)	Rev 00	APP-191
6.4	11-D: Ornithology Technical Appendix REDACTED	APFP Reg. 5(2)(l)	Rev 00	APP-193
6.4	11-E: Great Crested Newt Technical Appendix	APFP Reg. 5(2)(l)	Rev 00	APP-195
6.4	11-F: Reptile Desk Study	APFP Reg. 5(2)(l)	Rev 00	APP-196
6.4	11-G: Bat Technical Appendix	APFP Reg. 5(2)(l)	Rev 00	APP-197
6.4	11-I: Water Vole Technical Appendix REDACTED	APFP Reg. 5(2)(l)	Rev 00	APP-199
6.4	11-K: Terrestrial Invertebrate Technical Appendix	APFP Reg. 5(2)(l)	Rev 00	APP-202
6.4	11-L: Aquatic Ecology Technical Appendix	APFP Reg. 5(2)(l)	Rev 00	APP-203
6.4	12-A: Marine Ecology Assessment Methodology	APFP Reg. 5(2)(l)	Rev 00	APP-204
6.4	12-B: Relevant Designated Sites	APFP Reg. 5(2)(l)	Rev 00	APP-205
6.4	12-C: Marine Ecology Plates	APFP Reg. 5(2)(l)	Rev 00	APP-206



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6.4	12-D: Intertidal Survey Report	APFP Reg. 5(2)(l)	Rev 00	APP-207
6.4	12-E: Marine Biosecurity Risk Assessment	APFP Reg. 5(2)(l)	Rev 00	APP-208
6.4	12-F: Marine Invasive Non-Native Species Outline Management Plan	APFP Reg. 5(2)(l)	Rev 00	APP-209
6.4	12-F: Marine Invasive Non-Native Species Outline Management Plan	APFP Reg. 5(2)(l)	Rev 01	
6.4	13-A: Water Environment Baseline Survey and Methodology Report		Rev 00	APP-210
6.4	13-B: Water Framework Directive Report		Rev 00	APP-211
6.4	13-C: Flood Consequence Assessment	APFP Reg. 5(2)(e)	Rev 00	APP-212
6.4	13-C: Flood Consequence Assessment	APFP Reg. 5(2)(e)	Rev 01	
6.4	13-D: Outline Surface Water Drainage Strategy	APFP Reg. 5(2)(e)	Rev 00	APP-213
6.4	13-D: Outline Surface Water Drainage Strategy	APFP Reg. 5(2)(e)	Rev 01	
6.4	13-E: Hydrogeological Assessment		Rev 00	APP-214
6.4	13-F: Hydraulic Modelling Report		Rev 00	APP-215



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6.4	14-A: Geo-Environmental Desk Based Assessment	APFP Reg. 5(2)(I)	Rev 00	APP-216
6.4	14-B: Land Contamination Methodology		Rev 00	APP-217
6.4	14-C: Potential Areas of Contamination and Further Risk and Impact Assessment		Rev 00	APP-218
6.4	14-D: Agricultural Land Classification Report		Rev 00	APP-219
6.4	14-E: Agricultural Land Classification Survey		Rev 00	APP-220
6.4	14-F: Stage 1, Tier 2, Generic Risk Assessment: Soil and Groundwater		Rev 00	APP-221
6.4	15-A: Landscape and Visual Impact Assessment Methodology		Rev 00	APP-222
6.4	15-B: Landscape Character	APFP Reg. 5(2)(I)	Rev 00	APP-223
6.4	15-C: Representative Viewpoints	APFP Reg. 5(2)(I)	Rev 00	APP-224
6.4	15-D: Landscape Impact Assessment	APFP Reg. 5(2)(I)	Rev 00	APP-225
6.4	15-E: Visual Impact Assessment	APFP Reg. 5(2)(I)	Rev 00	APP-226
6.4	15-F: Colour Analysis		Rev 00	APP-227
6.4	15-G: Arboriculture Impact Assessment	APFP Reg. 5(2)(I)	Rev 00	APP-228



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6.4	17-A: Terrestrial Heritage Desk Based Assessment	APFP Reg. 5(2)(m)	Rev 00	APP-229
6.4	17-B: Gazetteer of Terrestrial Heritage Assets	APFP Reg. 5(2)(m)	Rev 00	APP-230
6.4	17-C: Geophysical Survey Report	APFP Reg. 5(2)(m)	Rev 00	APP-231
6.4	18-A: Marine Heritage Desk-Based Assessment	APFP Reg. 5(2)(m)	Rev 00	APP-232
6.4	19-A: List of Community Facilities Baseline Assessment		Rev 00	APP-233
6.4	19-B: List of Business Premises Baseline Assessment		Rev 00	APP-234
6.4	19-C: Impact Assessment Methodology - Socio-Economics, Recreation and Tourism		Rev 00	APP-235
6.4	20-A: Greenhouse Gas Baseline Data and Methodology Report		Rev 00	APP-236
6.4	20-B: Climate Change Resilience Baseline Data and Methodology Report		Rev 00	APP-237
6.4	20-C: Climate Change Resilience Assessment		Rev 00	APP-238
6.4	20-D: In-combination Climate Change Assessment		Rev 00	APP-239



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6.4	20-E: Greenhouse Gas Reduction Strategy		Rev 00	APP-240
6.4	20-F: Cumulative In-combination Climate Change Assessment		Rev 00	APP-241
6.4	22A: Long List of Major Accidents & Disasters Risk Events		Rev 00	APP-242
6.4	23-A: Materials and Waste Baseline Data Report		Rev 00	APP-243
6.4	24-A: Long List of Proposed Schemes		Rev 00	APP-244
6.4	24-B: Short List of Proposed Schemes		Rev 00	APP-245
6.5	Framework Construction Environmental Management Plan (CEMP)	APFP Regs. 5(2)(q)	Rev 00	APP-246
6.5	Framework Construction Environmental Management Plan (CEMP)	APFP Regs. 5(2)(q)	Rev 01	
6.6	Framework Construction Traffic Management Plan (CTMP)	APFP Regs. 5(2)(q)	Rev 00	APP-247
6.6	Framework Construction Traffic Management Plan (CTMP)	APFP Regs. 5(2)(q)	Rev 01	
6.7	Framework Construction Workers Travel Plan (CWTP)	APFP Regs. 5(2)(q)	Rev 00	APP-248



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6.8	Overarching Written Scheme of Investigation for Terrestrial and Marine Heritage Mitigation	APFP Regs. 5(2)(q)	Rev 00	APP-249
6.9	Outline Landscape and Ecological Management Plan	APFP Regs. 5(2)(q)	Rev 00	APP-250
6.9	Outline Landscape and Ecological Management Plan	APFP Regs. 5(2)(q)	Rev 01	
6.10	Commitments Register	APFP Regs. 5(2)(q)	Rev 00	APP-251
6.10	Commitments Register	APFP Regs. 5(2)(q)	Rev 01	
6.11	Green Infrastructure Statement	APFP Regs. 5(2)(q)	Rev 00	APP-252
6.12	Report to Inform Habitats Regulations Assessment	APFP Reg 5(2)(g)	Rev 00	APP-253
6.13	Curlew Mitigation Strategy	APFP Regs. 5(2)(q)	Rev 00	APP-254
6.14	Off-site Net Benefit for Biodiversity and Green Infrastructure Strategy	APFP Regs. 5(2)(q)	Rev 00	APP-255
6.15	Navigational Risk Assessment	APFP Regs. 5(2)(q)	Rev 00	APP-256
	<b>Confidential</b>			
6.4	ES Appendix 11-C CONFIDENTIAL (Botanical Technical Appendix)	APFP Regs. 5(2)(l)	Rev 00	APP-192
6.4	ES Appendix 11-D CONFIDENTIAL (Ornithology Technical Appendix)	APFP Regs. 5(2)(l)	Rev 00	APP-194



Application Document Reference	Application Document Name	Statutory / Other Requirement	Revision	Examination Library Reference (where available)
6.4	ES Appendix 11H CONFIDENTIAL Badger Technical Appendix Rev 00	APFP Regs. 5(2)(l)	Rev 00	APP-198
6.4	ES Appendix 11I CONFIDENTIAL Water Vole Technical Appendix Rev 00	APFP Regs. 5(2)(l)	Rev 00	APP-200
6.4	ES Appendix 11J CONFIDENTIAL Otter Technical Appendix Rev 00	APFP Regs. 5(2)(l)	Rev 00	APP-201
<b>Additional Regulation 6 Information</b>				
7.2	Electricity Grid Connection Statement	APFP Reg. 5(2)(p) and Reg. 6(1)(a)(i)	Rev 00	APP-258
7.3	Gas Connection Statement	APFP Reg. 5(2)(p) and Reg. 6(1)(a)(ii)	Rev 00	APP-259
<b>Reports</b>				
7.1	Statutory Nuisance Statement	APFP Reg. 5(2)(f)  Environmental Protection Act 1990 s79	Rev 00	APP-257
7.4	Carbon Capture Readiness Report	APFP Regs. 5(2)(q)	Rev 00	APP-260
7.5	Combined Heat and Power (CHP) Readiness Assessment	APFP Regs. 5(2)(q)	Rev 00	APP-261
7.6	Planning Statement	APFP Reg. 5(2)(q)	Rev 00	APP-262
7.7	Design Approach Document (DAD)	APFP Reg. 5(2)(q)	Rev 00	APP-263
7.8	Design Principles Document (DPD)	APFP Reg. 5(2)(q)	Rev 00	APP-264



Application Document Reference	Application Document Name	Statutory / Other Requirement	Revision	Examination Library Reference (where available)
7.21	Welsh Language Impact Statement	APFP Regs. 5(2)(q)	Rev 00	APP-277
7.22	Lighting Strategy	APFP Regs. 5(2)(q)	Rev 00	APP-278
7.23	Potential Main Issues for Examination Report (PMIE)	APFP Reg. 5(2)(q)	Rev 00	APP-279
<b>Statements of Common Ground (SoCGs)</b>				
8.1	Draft Flintshire County Council (FCC) SoCG	APFP Regs. 5(2)(q)	Rev 00	APP-280
8.1	Draft SoCG between Uniper UK Limited and Flintshire County Council	APFP Regs. 5(2)(q)	Rev 01	
8.2	Draft Natural Resources Wales (NRW) SoCG	APFP Regs. 5(2)(q)	Rev 00	APP-281
8.2	Draft SoCG between Uniper UK Limited and Natural Resources Wales	APFP Regs. 5(2)(q)	Rev 01	
8.3	Draft Cadw SoCG	APFP Regs. 5(2)(q)	Rev 00	APP-282
8.3	Signed SoCG between Uniper UK Limited and Cadw	APFP Regs. 5(2)(q)	Rev 01	
8.4	Draft RSPB SoCG	APFP Regs. 5(2)(q)	Rev 00	APP-283
8.4	Draft SoCG between Uniper UK Limited and RSPB	APFP Regs. 5(2)(q)	Rev 01	
8.5	Draft Deeside Naturalist Society SoCG	APFP Regs. 5(2)(q)	Rev 00	APP-284



Application Document Reference	Application Document Name	Statutory / Other Requirement	Revision	Examination Library Reference (where available)
8.5	Draft SoCG between Uniper UK Limited and Deeside Naturalist Society	APFP Regs. 5(2)(q)	Rev 01	
8.6	Draft Network Rail SoCG	APFP Regs. 5(2)(q)	Rev 00	APP-285
8.6	Draft SoCG between Uniper UK Limited Network Rail	APFP Regs. 5(2)(q)	Rev 01	
8.7	Draft National Grid Electricity Transmission SoCG	APFP Regs. 5(2)(q)	Rev 00	APP-286
8.7	Draft SoCG between Uniper UK Limited and National Grid Electricity Transmission	APFP Regs. 5(2)(q)	Rev 01	
8.8	Draft Scottish Power SoCG	APFP Regs. 5(2)(q)	Rev 00	APP-287
8.8	Draft SoCG between Uniper UK Limited and Scottish Power Energy Networks Holdings Limited for SP Manweb plc	APFP Regs. 5(2)(q)	Rev 01	
8.9	Draft National Gas Transmission SoCG	APFP Regs. 5(2)(q)	Rev 00	APP-288
8.9	Draft SoCG between Uniper UK Limited and National Gas Transmission	APFP Regs. 5(2)(q)	Rev 01	
8.10	Draft Eni SoCG	APFP Regs. 5(2)(q)	Rev 00	APP-289
8.10	Draft SoCG between Uniper UK Limited and Eni	APFP Regs. 5(2)(q)	Rev 01	
8.11	Draft Dee Conservancy SoCG	APFP Regs. 5(2)(q)	Rev 00	APP-290



Application Document Reference	Application Document Name	Statutory / Other Requirement	Revision	Examination Library Reference (where available)
8.11	Draft SoCG between Uniper UK Limited and Dee Conservancy	APFP Regs. 5(2)(q)	Rev 01	
8.12	Draft Port of Mostyn SoCG	APFP Regs. 5(2)(q)	Rev 00	APP-291
8.12	Signed Port of Mostyn SoCG	APFP Regs. 5(2)(q)	Rev 01	
8.13	Draft Liverpool Bay CCS Limited SoCG	APFP Regs. 5(2)(q)	Rev 00	APP-292
8.13	Draft SoCG between Uniper UK Limited and Liverpool Bay CCS Limited	APFP Regs. 5(2)(q)	Rev 01	
8.14	Draft GTC Infrastructure Limited SoCG	APFP Regs. 5(2)(q)	Rev 00	APP-293
8.14	Signed GTC Infrastructure Limited SoCG	APFP Regs. 5(2)(q)	Rev 01	
8.15	Draft SoCG between Uniper UK Limited and National Highways	APFP Regs. 5(2)(q)	Rev 00	
8.16	Draft SoCG between Uniper UK Limited and Natural England	APFP Regs. 5(2)(q)	Rev 00	
8.17	Draft SoCG between Uniper UK Limited and Airbus Operation Limited	APFP Regs. 5(2)(q)	Rev 00	
8.18	Statement of Commonality for all SoCG	APFP Regs. 5(2)(q)	Rev 00	
<b>Other Procedural Deadline / Examination Documents</b>				
9.1	Cover Letter (Procedural Deadline A & Procedural Decision)	APFP Reg. 5(2)(q)	Rev 00	PDA-002



Application Document Reference	Application Document Name	Statutory / Other Requirement	Revision	Examination Library Reference (where available)
9.2	Notice of a proposed without prejudice Habitats Regulations Assessment (HRA) derogation in Wales	APFP Reg. 5(2)(g)	Rev 00	PDA-003
9.3	Deadline 1 Cover Letter	APFP Reg.5(2)(q)	Rev 00	
9.4	Applicant's Response to Relevant Representations	APFP Reg.5(2)(q)	Rev 00	
9.5	Topic Paper: Further Consideration of Construction Traffic on the SRN within England	APFP Reg.5(2)(q)	Rev 00	
9.6	Applicant's Written Summary of Oral Submissions at Preliminary Meeting and response to Action Points	APFP Reg.5(2)(q)	Rev 00	
9.7	Applicant's Written Summary of Oral Submissions at Issue Specific Hearing 1 and response to Action Points	APFP Reg.5(2)(q)	Rev 00	
9.8	Applicant's Written Summary of Oral Submissions at Issue Specific Hearing 2 and response to Action Points	APFP Reg.5(2)(q)	Rev 00	
9.9	Applicant's Draft Itinerary for Accompanied Site Inspection	APFP Reg.5(2)(q)	Rev 00	



## Abbreviations

Abbreviation	Description
2008 Act	Planning Act 2008
AGIs	Above Ground Installations - typically installed at intervals along the pipeline, or at connection points between pipelines, or between pipelines and end user installations. These provide points for access, connection and monitoring to support maintenance and the safe operation of the pipelines.
AIL	Abnormal Indivisible Loads - a load which cannot be split into multiple smaller loads, typically due to the risk of damage or excess cost of such a split.
APFP Regulations	The Infrastructure Planning (Applications: Prescribed Forms and Procedure) Regulations 2009 (as amended).
Applicant	Uniper UK Limited
CCC	Climate Change Committee - an independent, statutory body established under the Climate Change Act 2008. Under the Climate Change Act 2008, the Committee is required to produce statutory reports to Government and Parliament.
CCGT	Combined Cycle Gas Turbine - a highly efficient form of energy generation technology. An assembly of heat engines work in tandem using the same source of heat to convert it into mechanical energy which drives electrical generators and consequently generates electricity.
CCP	Carbon Capture Plant - plant used to capture CO <sub>2</sub> emissions produced from the use of fossil fuels in electricity generation and industrial processes.
CCS	Carbon capture and storage - a process of CO <sub>2</sub> emissions from industrial processes or power plants using various methods to chemically remove CO <sub>2</sub> , compresses it into a liquid, and transports it to underground storage sites. This process mitigates the release of atmospheric CO <sub>2</sub> emissions, helping mitigate climate change.
C&IEA	Construction and Indicative Enhancement Area - an area of vacant land under Applicant ownership south-east of the MDA which may be used for biodiversity mitigation and / or enhancement following use for construction.
CEMP	Framework Construction Environmental Management Plan - a plan to outline how a construction project will avoid, minimise or mitigate effects on the environment and surrounding area. A CEMP sets out responsibilities in regard to compliance with legislation and to implement any mitigation measures.
CNP	Critical national priority (CNP) infrastructure – nationally significant low carbon infrastructure.
CO <sub>2</sub>	Carbon dioxide - an inorganic chemical compound with a wide range of commercial uses.



Abbreviation	Description
CQLCP	Connah's Quay Low Carbon Power
CTMP	Framework Construction Traffic Management Plan - a plan to outline how a construction project will avoid, minimise or mitigate effects on traffic and the highway network.
CWTP	Framework Construction Workers' Travel Plan - a plan to manage and promote sustainable travel for construction workers.
DCO	A Development Consent Order made by the relevant Secretary of State pursuant to the Planning Act 2008 to authorise a Nationally Significant Infrastructure Project. A DCO can incorporate or remove the need for a range of consents which would otherwise be required for a development. A DCO can also include rights of compulsory acquisition.
DESNZ	Department for Energy Security and Net Zero.
ES	Environmental Statement - a report in which the process and results of an Environment Impact Assessment are documented.
FCC	Flintshire County Council - the Local Planning Authority for the Proposed Development Site.
GTP	Gas Treatment Plant - the existing facility previously used for treatment of incoming gas, which is defunct as of 2023. To be demolished in advance of Proposed Development.
ha	Hectares - a metric unit of measurement for area. There are 10,000 square metres in a hectare. One hectare is equal to 2.471 acres.
HV	High voltage - typically any voltage above 1 kilovolt (kV) for alternating current systems and 1.5 kV for direct current systems.
km	Kilometres - a metric unit of measurement for distance, equal to 1,000 metres
kV	Kilovolt - a unit of electrical potential. There are 1,000 volts in a kilovolt.
MDA	Main Development Area - The area of the Proposed Development Site containing the majority of permanent development, including the Combined Cycle Gas Turbine Generating Plant, Post-Combustion Carbon Capture Plant and Associated Stacks, and supporting development such as administrative facilities, stores, and above-ground installations for the management of CO <sub>2</sub> export (among other supporting development), in addition to areas of temporary construction laydown, access roads, and utilities interfaces.
MW or MWe	Megawatts - referred to as MWe for electrical input – a unit of electrical power, equal to one million watts.
NGET	National Grid Electricity Transmission
NGT	National Gas Transmission



Abbreviation	Description
NPS	National Policy Statement for Energy - a statement produced by Government under the Planning Act 2008 providing the policy framework for Nationally Significant Infrastructure Projects and Projects of National Significance. They include the Government's view of the need for and objectives for the development of Nationally Significant Infrastructure Projects and Projects of National Significance in a particular sectors such as energy and are used to determine applications for such development.
NSIP	Nationally Significant Infrastructure Project – defined by the Planning Act 2008 and covering projects relating to energy (including generating stations, electric lines and pipelines); transport (including trunk roads and motorways, airports, harbour facilities, railways and rail freight interchanges); water (dams and reservoirs, and the transfer of water resources); waste water treatment plants and hazardous waste facilities. These projects are only defined as nationally significant if they satisfy a statutory threshold in terms of their scale or effect.
NTS	Non-Technical Summary
the Order	The Connah's Quay Low Carbon Power Order - the name of the DCO being sought for the Proposed Development.
Order limits	The proposed Site - the boundary that includes all aspects of the Proposed Development including the CCGT and CCS site, the laydown areas, Repurposed CO <sub>2</sub> Connection Corridor, Proposed CO <sub>2</sub> Connection Corridor; Electrical Connection Corridor; Water Connection Corridor; and Construction and Indicative Enhancement Area, as well as the Accommodation Works Areas to facilitate the transport of AIL during construction.
Proposed Development	The Connah's Quay Low Carbon Power (CQLCP) project - the works to be undertaken as part of the Connah's Quay Low Carbon Power project. This will be defined in the first paragraph of the Introduction chapter but should thereafter be referred to as the 'Proposed Development'.
PINS	Planning Inspectorate - an executive agency of the Ministry of Housing, Communities & Local Government responsible for administering DCO applications on behalf of the relevant Secretary of State.
the Proposed Development Site	the Order Limits
SoCG	Statement of Common Ground - is a document prepared by applicants to outline points of agreement between relevant parties regarding a proposed application.
SoS	Secretary of State – the decision maker for DCO applications and head of a UK Government department.
SWMP	Site Waste Management Plan - a plan to outline how waste will be managed during a construction project.
T&S	transport and storage



Abbreviation	Description
UK	United Kingdom
Uniper	Uniper SE - the Applicant
Work No.	Work Number - numbering for each element of the Proposed Development. All of the elements of the Proposed Development and the related Works Nos. are set out at Schedule 1 of the Draft Development Consent Order.



