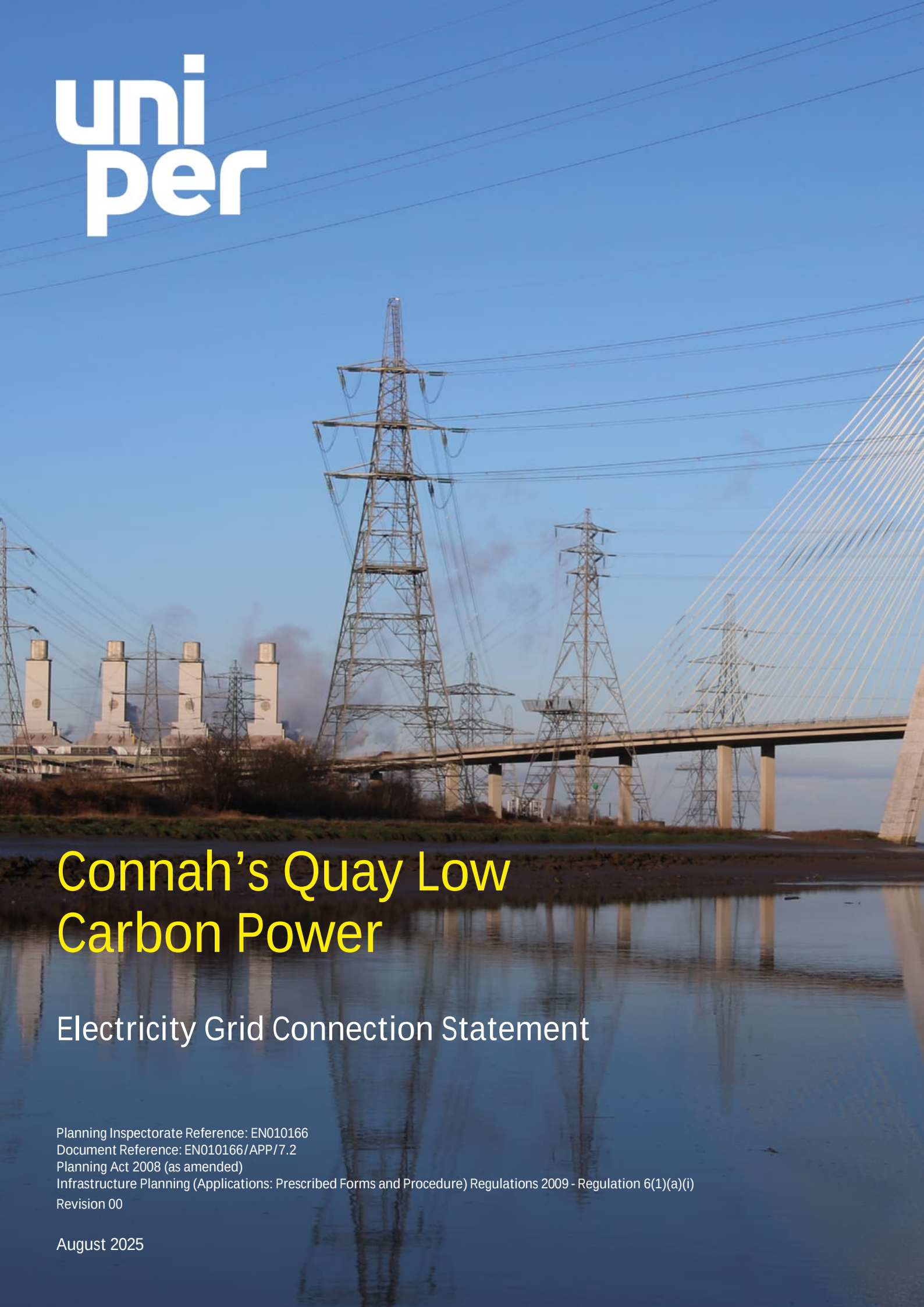

Connah's Quay Low Carbon Power

Electricity Grid Connection Statement

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Infrastructure Planning (Applications: Prescribed Forms and Procedure) Regulations 2009 - Regulation 6(1)(a)(i)
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Executive Summary

1.1.1 Uniper UK Limited (the Applicant) is seeking a Development Consent Order (DCO) for 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 Connah's Quay Low Carbon Power (CQLCP) Abated Generating Station) and supporting infrastructure (collectively the Proposed Development).

1.1.2 The CQLCP Abated Generating Station would comprise up to two CCGT with CCP units (and supporting infrastructure) achieving a net electrical output capacity of more than 350 megawatts (MW; referred to as MWe for electrical output) and up to a likely maximum of 1,380 MWe (with CCP operational) onto the national electricity transmission network.

1.1.3 Through a carbon dioxide (CO_2) pipeline, comprising existing and new elements, the Proposed Development would make use of CO_2 transport and storage networks owned and operated by Liverpool Bay CCS Limited, currently under development as part of the HyNet Carbon Dioxide Pipeline project (referred to as the HyNet CO_2 Pipeline Project), that will transport CO_2 captured from existing and new industries in North Wales and North West England, for offshore storage. The captured CO_2 will be permanently stored in depleted offshore gas reservoirs in Liverpool Bay.

1.1.4 For the purposes of the electrical connection, National Grid Electricity Transmission plc (NGET), which builds and maintains the electricity transmission networks, is responsible for the operation and maintenance of the existing NGET 400 kilovolt (kV) substation.

1.1.5 A description of the Proposed Development, including details of maximum parameters, is set out in **Chapter 4: The Proposed Development** of the **Environmental Statement** (**ES**) (**EN010166/APP/6.2.4**). At this stage in the development, the design of the Proposed Development incorporates a necessary degree of flexibility to allow for ongoing design development. The indicative route of the cable and substation areas is shown on the **Indicative Electrical Connection Plans** (**EN010166/APP/7.16**). The areas within which the works would occur are shown on the **Works Plans** (**EN010166/APP/2.4**).

1.1.6 The Applicant has engaged with NGET and the National Energy System Operator (NESO) as outlined in Section 2.

1. Introduction

1.1 Overview

1.1.1 This **Electrical Grid Connection Statement** (**EN010166/APP/7.2**) (this Statement) has been prepared by AECOM on behalf of the Applicant. It forms part of the application (the Application) for a DCO, that has been submitted to the Secretary of State (SoS), under Section 37 of the Planning Act 2008 (the 2008 Act) (Ref 1).

1.1.2 The Applicant is seeking a DCO for the construction, operation (including maintenance) and decommissioning of a proposed low carbon CCGT Generating Station fitted with CCP (the CQLCP Abated Generating Station, part of the Proposed Development) on land at, and in the vicinity of, the existing Connah's Quay Power Station (Kelsterton Road, Connah's Quay, Flintshire, CH6 5SJ), North Wales (the Order limits).

1.1.3 The Proposed Development includes the proposed CQLCP Abated Generating Station, which would generate more than 350 MWe (up to a likely maximum of 1,380 MWe) gross electrical output, equipped with CCP and fuelled by natural gas, on land at, and in the vicinity of, the existing Connah's Quay Power Station, including connections for cooling water, electrical, gas and utilities, construction laydown areas and other associated development. It is described in **Chapter 4: The Proposed Development** of the **ES** (**EN010166/APP/6.2.4**).

1.1.4 The Proposed Development falls within the definition of a 'Nationally Significant Infrastructure Project' (NSIP) under Section 14(1)(a) and Sections 15(1) and (3A) of the 2008 Act, as it is an onshore generating station in Wales that would have a generating capacity more than 350 MW(e). As such, a DCO application is required to authorise the Proposed Development in accordance with Section 31 of the 2008 Act.

1.2 The Applicant

1.2.1 The Applicant is a United Kingdom-based (UK) 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 around 7,500 employees, 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.

1.2.2 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 generation units. Uniper is 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 CO2 emissions by high-quality CO2-offsets.

1.3 What is Carbon Capture and Storage?

1.3.1 Carbon Capture and Storage (CCS) is a key part of the process to reduce carbon emissions in energy generation. It involves the removal and capture of CO_2 from power plant emissions, transporting it away to be securely stored underground, often in aquifers or depleted oil and gas fields.

1.3.2 CCUS also refers to carbon capture and storage but with the 'U' referring to utilisation of the captured CO_2. Captured CO_2 can be used for a variety of industrial purposes, such as the production of synthetic fuel and low carbon building materials, or in the food and beverage industry.

1.4 The Proposed Development

1.4.1 The Proposed Development would comprise a new electricity generating station, made up of up to two Trains (whereby a 'Train' refers to each CCGT unit and associated CCP and the supporting development within the Main Development Area required to operate) with combined electrical output of more than 350 MWe (up to a likely maximum of 1,380 MWe), equipped with CO_2 capture equipment and associated buildings, structures and plant and other associated development defined in the Schedule 1 of the **Draft DCO** (**EN010166/APP/3.1**) as Work No. 1 and shown on the **Works Plans** (**EN010166/APP/2.4**).

1.4.2 At this stage, the final technology selection cannot yet be made as it will be determined by various technical and economic considerations and will be influenced by future UK Government policy and regulation. The design of the Proposed Development therefore incorporates a necessary degree of flexibility to allow for the future selection of the preferred technology in the light of prevailing policy, regulatory and market conditions once a DCO is made.

1.4.3 A description of the Proposed Development, including details of maximum parameters, is set out in **Chapter 4: The Proposed Development** of the **Environmental Statement (ES) (EN010166/APP/6.2.4)**. At this stage in the development, the design of the Proposed Development incorporates a necessary degree of flexibility to allow for ongoing design development.

1.4.4 The Proposed Development is split into 13 Work Nos. and also includes Site Wide Works, which may be carried out in connection with the construction of Work Nos. 1 to 13, as follows:

- **Work No. 1** – A CCGT electricity generating station of more than 350 MW with CCP and ancillary buildings and structures within the Main Development Area. This includes:
  - up to two combined cycle gas turbine plants;
  - up to two carbon dioxide (CO_2) capture plants;
  - plant cooling and utilities infrastructure;

  - natural gas reception facility;
  - carbon dioxide interface facility;
  - administration, control room and stores;
  - demolition of existing buildings and structures including the existing gas treatment plant;
  - demolition of the existing ENI Above Ground Installation (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 Carbon Dioxide (CO_2) pipeline approximately 422 metres in length between Work No. 8 and the existing repurposed natural gas pipeline (to be used for CO_2).
- **Work No. 8** – Modification of an AGI at Flint to connect the CO_2 pipeline into the HyNet CO_2 Pipeline.
- **Work No. 9** – The creation and use of a temporary logistics and construction compound for the use during the 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 the haulage route on existing roads between Connah's Quay North and Work No. 1.

- **Work No. 13** – Landscaping, biodiversity enhancement measures and boundary treatment.

1.4.5 **Site Wide Works** – Further associated and ancillary development comprising such other works or operations as may be necessary or expedient.

1.4.6 All of the above elements are included in the Application.

1.4.7 A full description of the elements of the Proposed Development and the Works Nos. is set out in Schedule 1 of the **Draft DCO** (**EN010166/APP/3.1**). The further associated and ancillary development required in connection with and subsidiary to the above elements of the Proposed Development is also detailed at Schedule 1 of the **Draft DCO** (**EN010166/APP/3.1**).

1.4.8 The undertaker (as defined in the **Draft DCO** (**EN010166/APP/3.1**)) would be responsible for the construction, operation (including maintenance) and eventual decommissioning of the Proposed Development.

1.4.9 The Proposed Development includes the equipment required for the capture and compression of CO_2 emissions from the generating station so that it is capable of being transported off-site. The Proposed Development would make use of transport and storage networks owned and operated by Liverpool Bay CCS Limited, currently under development as part of the HyNet CO_2 Pipeline Project, that will transport CO_2 captured from existing and new industries in North Wales and North West England, for offshore storage. The captured CO_2 would be stored in depleted offshore gas reservoirs in an area located within Liverpool Bay.

1.4.10 The Proposed Development is designed to operate with a post-combustion CCP installed and would generally be operated as a dispatchable low carbon generating station. It is anticipated that in the event of CCP maintenance outages, for example, it would be necessary to operate the Proposed Development without carbon capture, with exhaust gases from the CCGT being routed via the Heat Recovery Steam Generator (HRSG) stack.

1.4.11 **Chapter 4: The Proposed Development** of the **ES** (**EN010166/APP/6.2.4**) provides further description of the Proposed Development. The areas within which each numbered Work (component) of the Proposed Development are to be built are defined by the coloured and hatched areas on the **Works Plans** (**EN010166/APP/2.4**).

1.5 The Order limits

1.5.1 The Order limits are located approximately 0.6 kilometres (km) north-west of Connah's Quay in Flintshire, North East Wales. The Main Development Area is centred approximately at national grid reference 327347, 371374, and, together with the Proposed CO_2 Connection Corridor, Repurposed CO_2 Connection Corridor, Electrical Connection Corridor, Water Connection Corridor, Construction & Indicative Enhancement Area, Accommodation Works Areas and ancillary works to access roads and minor assets, is wholly within the administrative area of Flintshire County Council (FCC).

1.5.2 The existing Connah's Quay Power Station is a four-unit combined CCGT plant providing 1,380 MW of dispatchable power exported to the National Grid.

1.5.3 The Order limits encompass a total area of approximately 104.90 hectares (ha).

1.5.4 The Order limits covers areas including:

- Main Development Area;
- Repurposed CO_2 Connection Corridor;
- Proposed CO_2 Connection Corridor;
- Water Connection Corridor;
- Electrical Connection Corridor;
- Construction & Indicative Enhancement Area; and
- Accommodation Works Areas.

1.6 The Development Consent Process

1.6.1 As an NSIP project, the Applicant is required to obtain a DCO to construct, operate and maintain the generating station, under Section 31 of the 2008 Act. Sections 42 to 48 of the 2008 Act govern the consultation that the Applicant must carry out before submitting an application for a DCO and Section 37 of the 2008 Act governs the form, content and accompanying documents that are required as part of a DCO application. These requirements are implemented through the Infrastructure Planning (Applications: Prescribed Forms and Procedure) Regulations 2009 (as amended) (APFP Regulations) (Ref 2) which, among other regulations, state that an application must be accompanied by an ES, where a development is considered to be Environmental Impact Assessment (EIA) development under the Infrastructure Planning (Environmental Impact Assessment) Regulations 2017 (the EIA Regulations) (Ref 3).

1.6.2 An application for development consent for the Proposed Development has been submitted to the Planning Inspectorate (PINS) acting on behalf of the SoS. Subject to the Application being accepted (which will be decided within a period of 28 days following receipt of the Application), PINS will then examine it and make a recommendation to the SoS, who will then decide whether to make (grant) the DCO.

1.7 The Purpose and Structure of this Document

1.7.1 The purpose of this document is to meet the requirements of Regulations 5(2)(p) and 6(1)(a)(i) of the APFP Regulations , which requires the Applicant to provide a statement setting out who would be responsible for designing and building the proposed electrical connection for the Proposed Development to the electricity grid.

1.7.2 The document is structured as follows:

- Section 2 sets out the proposed electrical route and points of connection, including the route and points of connection;

- Section 3 outlines the contractual agreements for the proposed Electrical Connection;
- Section 4 provides details on the design, build, operation and maintenance responsibilities for the proposed Electrical Connection and ownership of the cables;
- Section 5 outlines land ownership in respect of the land required for the proposed Electrical Connection;
- Section 6 provides information on the consents required for the proposed Electrical Connection works; and
- Section 7 provides the summary and conclusions to this Statement.

2. Proposed Grid Connection

2.1.1 The Applicant has included within this Statement the proposed route and connection point for the Electrical Connection to the CQLCP Abated Generating Station located within the Main Development Area. This route is shown as Work No. 2(b) where within the Main Development Area and Work No. 6 where outside the Main Development Area.

2.1.2 The existing connection agreement with the National Energy System Operator (NESO) provides an export capacity of 1,380 MWe through a 400 kV connection to the NGET 400 kV outdoor substation and a 400 kV Gas Insulated Substation (GIS) (together part of the existing 400 kV NGET substation) located within the Electrical Connection Corridor. The existing electrical infrastructure in the area comprises multiple 132 kV and 400 kV overhead lines as well as underground cables that serve existing substations. In order to export electricity from the Proposed Development, engagement is ongoing with NESO and NGET to identify the preferred connection option, including any upgrades to existing switchgear or other existing equipment that may be required. It is anticipated that the Electrical Connection Corridor (Work No. 6) would comprise a direct connection to the 400 kV transmission system and is therefore likely to connect to the existing NGET 400 kV substation directly to the east of the Main Development Area via an extension to the existing 3-phase air-insulated overground busbars within the eastern limit of the Main Development Area (and part of Work No. 2(b)). The connection between the CQLCP Abated Generating Station and existing 400 kV busbars would comprise 400 kV single circuit electrical cables (or suitable alternative) and control system circuits and is referred to as Work No. 2(b) (as shown on the **Work Plans** (**EN010166/APP/2.4**)). The circuits from the proposed CQLCP Abated Generating Station would be installed primarily below ground, but some sections may be above ground including the final connection to the existing busbars.

2.1.3 The connections from the existing busbars to the existing NGET 400 kV substation is routed underground around the north and south edges (comprising a dual-redundant connection) of the historic air-insulated substation, to the recently constructed gas-insulated substation. No works to the cables, ducts or substation are anticipated except for minor changes to switchgear etc. which may be required to make the final connection.

2.1.4 The proposed Electrical Connection Corridor, which includes the working areas and space required, is shown on the **Indicative Electrical Connection Plans** (**EN010166/APP/7.16**).

2.1.5 Environmental effects associated with the construction of the Electrical Connection are assessed as part of the EIA, which is reported in the **ES** (**EN010166/APP/6.1** to **EN010166/APP/6.4**) as appropriate.

3. Contractual Agreements

3.1.1 Engagement has been ongoing with NESO and NGET throughout 2024 to identify and agree the selected Electrical Connection point. NESO has confirmed to the Applicant that there is sufficient capacity, at the existing NGET 400 kV substation and transmission system to accommodate the export from the CQLCP Abated Generation Station, located within the Main Development Area.

3.1.2 This capacity is confirmed to be available subject to either:

- complete cessation of power generation at the existing station at or before the time the full capacity of the proposed CQLCP Abated Generating Station commences operation;
- phased cessation of power generation at the existing station in the event that the proposed CQLCP Abated Generating Station is constructed in phases, such that the connected, operating generating capacity of the Applicant's site is never greater than 1,380 MW.

3.1.3 A signed Bilateral Connection Agreement is in place between the Applicant and NESO for the required export capacity.

3.1.4 The Applicant is currently in discussions with NESO is now in receipt of a Gate 1 connection offer for the Proposed Development. The Applicant will be submitting evidence to NESO to secure a Gate 2 connection offer.

4. Responsibilities for Designing and Building the Electrical Connection

4.1 Design

4.1.1 The chosen Principal Contractor(s) would undertake detailed design of the Electrical Connection within the Main Development Area (Work No. 2(b)).

4.1.2 NGET would be responsible for enabling works and facilitation of the connection bay commissioning, reusing an existing bay at the existing 400 kV substation (currently connecting Connah's Quay Power Station via overhead line connection) (Work No. 6).

4.1.3 Discussions are ongoing with NESO to confirm the progress with regard to the minor upgrades that are required on the existing infrastructure connecting the existing NGET 400 kV substation at Connah's Quay to the wider electricity transmission network, to connect the CQLCP Abated Generating Station located within the Main Development Area. These upgrades are expected to be completed ahead of commissioning.

4.1.4 The Principal Contractor(s) would undertake the design and installation of the 400 kV cable connection to the CQLCP Abated Generating Station.

4.1.5 The detailed design of the Electrical Connection would be secured by Requirement 3 in Schedule 2 of the **Draft DCO** (**EN010166/APP/3.1**).

4.2 Build

4.2.1 The Electrical Connection would be constructed by suitably qualified contractors, with tie-in connection works coordinated by NGET.

4.2.2 As the Electrical Connection from the proposed CQLCP Abated Generating Station to the existing busbars within the Main Development Area (Work No. 2(b)) is likely to comprise a 400 kV single circuit cable route and control system cables installed primarily below ground, it is envisaged that installation would be through the use of an 'open-cut' method, whereby a trench would be excavated, and the cables laid below ground. This method would be applied where there is sufficient space and the work area is relatively flat. These works would generally be as follows:

- fence off works area and fit safety signage;
- strip and store topsoil (if required);
- a working area approximately 10-15 m wide to allow for the excavation, temporary trackway, and soils storage;
- excavation of a trench (the Principal Contractor('s') would be responsible for providing all necessary trench supports and for maintaining the trenches in a safe condition and free of water); and
- cables laid at a depth of at least 1.1 m on a bed of cement bound sand overlain by protective tiles and backfilled to reinstate to original state (appropriate safety measures including warning tape would be used).

4.2.3 The cable connection would be required to cross under several existing 400 kV overhead lines. Co-ordination with the asset owners would be required to confirm availability of outages to allow the installation of cables beneath these lines using the 'open cut' method. If outages cannot be secured, alternative construction methods such as thrust-bore or pipe-jacking would be used for these crossings. The construction area required for this method can be accommodated within the Main Development Area.

4.2.4 At the boundary between the Main Development Area and the Electrical Connection Corridor, the new cables will be connected to the existing busbars which are connected to the existing below-ground 400 kV single circuit cable route (comprising two independent cables) through the Electrical Connection Corridor. An extension to the existing bus-bar structure will be installed in an area of existing hardstanding as follows:

- fence off works area and fit safety signage;
- strip and store/dispose appropriately of hardstanding (if required);
- strip and store topsoil (if required);
- disconnection and removal of existing above ground cabling from the existing Connah's Quay power station;
- install fixed foundation and supports for bus-bar structure;
- install superstructure of bus-bars using hand tools and small plant, connecting to ends of existing bus-bars; and
- install cabling between below-ground Electrical Connection within Main Development Area (described above) and newly installed bus-bars.

4.2.5 Replacement of the existing 400 kV cables or other supporting above-ground assets within the Electrical Connection Corridor will be undertaken using existing access points (and below-ground cable conduits, if required) (Work No. 6).

4.2.6 Access arrangements during construction of the Electrical Connection are presented in **Chapter 5: Construction Management and Programme** of the **ES** (**EN010166/APP/6.2.5**). No significant effects on local roads have been identified given the route of the electrical connection corridor and the location of the existing 400 kV substation directly adjacent to the proposed CQLCP Abated Generating Station.

4.2.7 Overall construction of the Electrical Connection is likely to take around 12 months.

4.2.8 These Electrical Connection works would be undertaken in accordance with the measures outlined in a Construction Environmental Management Plan (CEMP) to be prepared by the Principal Contractor(s) in accordance with the **Framework CEMP** (**EN010166/APP/6.5**).

4.2.9 The route would not require any special crossings, as all significant works will be undertaken within the Main Development Area.

4.3 Operation and Maintenance

4.3.1 The Applicant would be responsible for the operation and maintenance of all on-site plant and apparatus over the life of the Proposed Development.

4.3.2 NGET would be responsible for the operation and maintenance of the existing NGET 400 kV substation and their equipment.

5. Land Requirements

5.1.1 The Applicant has commenced discussion regarding the land rights within parts of the Order limits, as described in the **Statement of Reasons** (**EN010166/APP/4.3**).

5.1.2 The Applicant owns the freehold interest in all of the land on which the Electrical Connection would be made, up to the boundary of the Electrical Connection Corridor as shown on the **Land Plans** (**EN010166/APP/2.2**) and **Book of Reference** (**EN010166/APP/4.1**). NGET owns the freehold of the land on which the existing 400 kV NGET substation is situated (the Electrical Connection Corridor). The connection agreement with NESO and the Applicant would provide the necessary rights for all purposes connected with the laying, installation and operation of the grid connection and associated apparatus within the existing NGET 400 kV substation.

5.1.3 Work No. 6 in Schedule 1 of the **Draft DCO** (**EN010166/APP/3.1**) covers the construction and operation of the Electrical Connection outside of the Main Development Area; Work No. 2(b) in Schedule 1 of the **Draft DCO** (**EN010166/APP/3.1**) covers the construction and operation of the Electrical Connection inside the Main Development Area.

6. Consents Required

6.1.1 All of the works associated with the Electrical Connection where they are within the Order limits are included within the DCO Application and therefore no separate planning permission is required. This includes the Electrical Connection works (Work No. 6 and Work No. 2(b)) between the CQLCP Abated Generating Station located within the Main Development Area (Work No. 1) and the existing NGET 400 kV substation, which are specified in Schedule 1 of the **Draft DCO** (**EN010166/APP/3.1**), and which cover the construction and operation of the Electrical Connection. These are assessed as part of the EIA and presented in the ES topic chapters of the **ES** (**EN010166/APP/6.2**).

6.1.2 The electrical connection would not include any crossings of road, rail or river and therefore no special consents would be required for these items.

7. Conclusions

7.1.1 This Statement has been prepared to satisfy the requirements of APFP Regulations 5(2)(p) and 6(1)(a)(i) and to demonstrate that there is no reason why an electrical grid connection would not be possible for the Proposed Development, in accordance with National Policy Statement EN-1 (January 2024) (Ref 4).

7.1.2 This Statement has demonstrated that the proposed Electrical Connection and associated cables included within the Application (and assessed as part of the associated EIA reported in the **ES** (**EN010166/APP/6.1** to **6.4**) are feasible, that the necessary agreements are, or would be secured, and appropriate powers are included in the **Draft DCO** (**EN010166/APP/3.1**) to facilitate the delivery of the Electrical Connection.

References

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Ref 4. Department for Energy Security and Net Zero (2024). Overarching National Policy Statement for energy (EN-1). [online] Available at: https://www.gov.uk/government/publications/overarching-national-policy-statement-for-energy-en-1 (Accessed 28/07/2025).

Abbreviations

Abbreviation	Term
AGI	Above Ground Installation
APFP	Applications: Prescribed Forms and Procedure
CCGT	Combined Cycle Gas Turbine
CCP	Carbon Capture Plant
CCS	Carbon Capture & Storage
CEMP	Construction Environmental Management Plan
CO_2	Carbon Dioxide
CQLCP	Connah's Quay Low Carbon Power
DCO	Development Consent Order
EIA	Environmental Impact Assessment
ES	Environmental Statement
FCC	Flintshire County Council
GIS	Gas Insulated Substation
Ha	Hectare
HRSG	Heat Recovery Steam Generator
km	Kilometre
kV	kilovolt
m	metre
MW	Megawatt
MWe	Megawatt electrical
NESO	National Energy System Operator
NGET	National Grid Electricity Transmission
NSIP	Nationally Significant Infrastructure Project
PINS	Planning Inspectorate
SoS	Secretary of State
UK	United Kingdom