

Net Zero Teesside Project

Planning Inspectorate Reference: EN010103

Land at and in the vicinity of the former Redcar Steel Works site, Redcar and in Stocktonon-Tees, Teesside

The Net Zero Teesside Order

Document Reference: 1.2 – Application Guide

The Planning Act 2008
The Infrastructure Planning (Applications: Prescribed Forms and Procedure) Regulations 2009 – Regulation 5(2)(q)



Applicants: Net Zero Teesside Power Limited (NZT Power Ltd) & Net Zero North Sea Storage Limited (NZNS Storage Ltd)

Date: July 2022 - Deadline 4



DOCUMENT HISTORY

| Document Ref | 1.2 | | |
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GLOSSARY

| Abbreviation | Description |
|------------------|--|
| APFP Regulations | The Applications: Prescribed Forms and |
| | Procedure Regulations 2009. |
| Applicants | Net Zero Teesside Power Limited and Net Zero |
| | North Sea Storage Limited. |
| BEIS | Department of Business, Energy and Industrial |
| | Strategy - a department of the UK Government. |
| CCUS | Carbon Capture, Usage and Storage - is group of |
| | technologies designed to reduce the amount of |
| | carbon dioxide (CO ₂) released into the |
| | atmosphere from coal and gas power stations as |
| | well as heavy industry including cement and steel |
| | production. Once captured, the CO ₂ can be either |
| | re-used in various products, such as cement or |
| | plastics (usage), or stored in geological |
| | formations deep underground (storage). |
| CO ₂ | Carbon Dioxide - an inorganic chemical |
| | compound with a wide range of commercial uses. |
| DCLG | Department for Communities and Local |
| | Government - a department of the UK |
| | Government. |
| 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 |
| 514 | compulsory acquisition. |
| EIA | Environmental Impact Assessment - a term used |
| | for the assessment of environmental |
| | consequences (positive or negative) of a plan, |



| | policy, program or project prior to the decision to move forward with the proposed action. |
|----------------------|--|
| EIA Regulations | The Infrastructure Planning (Environmental Impact Assessment) Regulations 2017. |
| ES | Environmental Statement - a report in which the |
| | process and results of an Environment Impact |
| | Assessment are documented. |
| MLWS | Mean Low Water Springs - the height of the mean |
| IVILVVS | low water springs is the average height obtained |
| | by the two successive low waters during those |
| | periods of 24 hours when the range of the tide is |
| | at its greatest. |
| Mt | Million Tonnes - a metric unit of weight. |
| NSIP | Nationally Significant Infrastructure Project - |
| INSIP | 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. |
| NZNS Storage | Net Zero North Sea Storage Limited - one of the |
| 112113 Storage | Applicants. |
| NZT | Net Zero Teesside - the name of the Proposed |
| | Development. |
| NZT Power | Net Zero Teesside Power Limited - one of the Applicants. |
| Order | The Net Zero Teesside Order - the name of the |
| | DCO for the Proposed Development. |
| PA 2008 | The Planning Act 2008 - setting out the legislative |
| | regime for Nationally Significant Infrastructure |
| | Projects. |
| PINS | The Planning Inspectorate - an executive agency |
| | of the Department for Communities and Local |
| | Government responsible for administering DCO |
| | applications on behalf of the relevant Secretary of |
| | State. |
| Proposed Development | The Net Zero Teesside Project. |
| SoS | Secretary of State - the decision maker for DCO |
| | applications and head of a UK Government |
| | department. |

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| STDC | South Tees Development Corporation - a Mayoral |
|------|---|
| | Development Corporation responsible for |
| | approximately 400 hectares of land south of the |
| | River Tees in the borough of Redcar and |
| | Cleveland. |



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1.0 INTRODUCTION

1.1 Overview

- 1.1.1 This Application Guide (Document Ref. 1.2) has been prepared on behalf of Net Zero Teesside Power Limited and Net Zero North Sea Storage Limited (the 'Applicants'). It forms part of the application (the 'Application') for a Development Consent Order (a 'DCO'), that was submitted to the Secretary of State (the 'SoS') for Business, Energy and Industrial Strategy ('BEIS'), under Section 37 of 'The Planning Act 2008' (the 'PA 2008') for the Net Zero Teesside Project.
- 1.1.2 The Application was submitted to the SoS on 19 July 2021 and was accepted for Examination on 16 August 2021. A change request made by the Applicants in respect of the Application was accepted into the Examination by the Examining Authority on 6 May 2022.
- 1.1.3 The Applicants are seeking development consent for the construction, operation and maintenance of the Net Zero Teesside Project, including associated development (together the 'Proposed Development') on land at and in the vicinity of the former Redcar Steel Works site, Redcar and in Stockton-on-Tees, on Teesside (the 'Site'). The former Steel Works site, along with other land required for the Proposed Development, lies within the boundary of the land controlled by the South Tees Development Corporation ('STDC'), which is now known as 'Teesworks'.
- 1.1.4 A DCO is required for the Proposed Development as it falls within the definition and thresholds for a 'Nationally Significant Infrastructure Project' (a 'NSIP') under Sections 14(1)(a) and 15 of the PA 2008, associated development under Section 115(1)(b) and by direction under Sections 35(1) and 35ZA of the same Act. The DCO, if made by the SoS, would be known as the 'Net Zero Teesside Order' (the 'Order').
- 1.1.5 The Proposed Development will be the UK's first commercial scale, full chain Carbon Capture, Usage, and Storage ('CCUS') project and will initially capture up to 4 million tonnes (Mt) of carbon dioxide (CO₂) emissions per annum. It will comprise a number of elements, including a new gas-fired electricity generating station with post-combustion carbon capture plant; gas, water and electricity connections (for the generating station); a CO₂ pipeline network (a 'gathering network') for collecting CO₂ from a cluster of local industries on Teesside; a CO₂ compressor station (for the compression of the CO₂) and a CO₂ export pipeline.
- 1.1.6 The CO₂ captured from the electricity generating station and local industries will be compressed and then transported (via the export pipeline) for secure storage within the Endurance saline aquifer located 145 kilometres offshore from Teesside under the North Sea. The transport pipeline has the capacity to carry up to 10Mt of CO₂ per annum. The Proposed Development will therefore make a significant contribution toward the UK reaching its greenhouse gas emissions target by 2050.

1.2 The Applicants

1.2.1 NZT encompasses proposals to both decarbonise electricity generation and a cluster of carbon intensive industries on Teesside. In line with the CCUS business models



published by BEIS in December 2020, there will be separate entities who will be responsible for:

- electricity generation with post-combustion carbon capture (including the gas, water and electricity connections);
- CO₂ gathering (from industrial emitters), CO₂ compression and CO₂ transportation and storage; and
- industrial (including hydrogen production) carbon capture and connections to the CO₂ gathering network.

1.2.2 The entities are set out in **Table 1.1** below:

Table 1.1 - NZT Entities

| Onshore works scope | Partnership | NZT Entity | Within the scope of the DCO Application? |
|---|--|---------------------------------------|--|
| Electricity generating station with post- combustion carbon capture (including the gas, water and electricity connections) | bp*and Equinor | Net Zero Teesside Power Limited | Yes |
| CO ₂ gathering network, CO ₂ compression and the onshore section of CO ₂ export pipeline | bp*, Equinor, National Grid, Shell and Total | Net Zero North Sea Storage Limited | Yes |
| Industrial and hydrogen production carbon capture and connection to the CO ₂ gathering network | Individual industrial emitters | N/A | No |

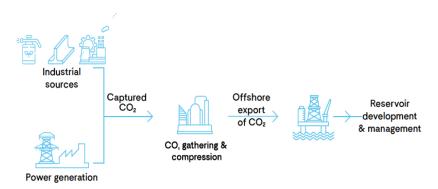


- *Operator on behalf of the relevant Partnership
- 1.2.3 NZT is being promoted by Net Zero Teesside Power Limited ('NZT Power') and Net Zero North Sea Storage Limited ('NZNS Storage'). NZT Power and NZNS Storage (together the Applicants for the purposes of the DCO Application) have been incorporated on behalf of bp as operator of the two Partnerships.
- 1.2.4 The electricity generation with post-combustion carbon capture Partnership comprises bp and Equinor, with bp leading as operator. NZT Power will be responsible for the Proposed Development in so far as it relates to the construction, operation and eventual decommissioning of the electricity generating station together with its carbon capture plant (both within the scope of the DCO Application).
- 1.2.5 The CO₂ gathering network, CO₂ compression and onshore section of CO₂ export pipeline Partnership comprises bp, Equinor, National Grid, Shell and Total, with bp leading as operator. NZNS Storage will be responsible for the Proposed Development in so far as it relates to the construction, operation and eventual decommissioning of the equipment required for the high-pressure compression of CO₂ from the electricity generating station and industrial emitters via the CO₂ gathering network and the onshore section of the CO₂ export pipeline (these are all within the scope of the DCO Application).
- 1.2.6 NZNS Storage will also be responsible for the offshore elements of NZT, comprising the offshore section of the CO₂ export pipeline (below Mean Low Water Springs ('MLWS')) to a suitable offshore geological CO₂ storage site under the North Sea, CO₂ injection wells and associated infrastructure. The offshore elements of NZT (with the exception of the gas and CO₂ pipeline crossings of the River Tees and the water outfall from the electricity generating station) do not form part of the DCO Application.

1.3 What is Carbon Capture, Usage and Storage?

1.3.1 Carbon Capture, Usage and Storage ('CCUS') is a process that removes CO₂ emissions at source, for example emissions from a power station or chemical manufacturing installation, and then compresses the CO₂ so that it can be safely transported to secure underground storage sites. It is then injected into layer of solid rock filled with interconnected pores where the CO₂ becomes trapped and locked in place, preventing it from being released into the atmosphere. **Figure 1.1** below shows what is involved in the process.





- 1.3.2 The technologies used in CCUS are proven and have been used safely across the world for many years. Storage sites are located several kilometres underground and are subject to stringent tests to ensure that they are geologically suitable. In the UK, it is expected that the storage sites will be located offshore, in areas such as the North Sea.
- 1.3.3 CCUS is one of a number of technologies that are crucial to reducing CO₂ emissions and combatting global warming. The UK Government has committed to achieving net zero in terms of greenhouse gas emissions by 2050. This is a legally binding target.

1.4 The Site

- 1.4.1 The Site lies within the administrative boundaries of both Redcar and Cleveland Borough Council and Stockton-on-Tees Borough Council. It also partly lies within the boundary of the Teesworks area that is controlled by the STDC.
- 1.4.2 Most of the Site lies within the administrative area of Redcar and Cleveland Borough Council, although parts of Site (for the electricity generating station's gas supply connection to the National Transmission System for gas and the CO₂ gathering network) cross the River Tees into the administrative area of Stockton-on-Tees Borough Council. At this location the River Tees is tidal. In addition, there are elements of the Site which extend into South Gare, Coatham Sands and the North Sea. Those sections of the Site that are below MLWS are outside the jurisdiction of either local authority being part of the UK marine area.
- 1.4.3 The Site extends to approximately 304 hectares in area. Much of it comprises previously developed (including part of the former Redcar Steel Works Site) and existing industrial land, some of which was reclaimed from the Tees Estuary in the late C19th and during the C20th. The Site is relatively flat and low-lying and sits at a level of between sea level and approximately 9 metres Above Ordnance Datum. The area surrounding the Site is largely characterised by industrial and commercial uses, although there are open areas of land to the north in the form of South Gare and Coatham Sands, which are used for recreational purposes and that are of nature conservation importance.



1.4.4 A more detailed description of the Site and its surroundings is provided at Chapter 3 'Description of the Existing Environment' in the Environmental Statement ('ES') Volume I (Document Ref. 6.2) [APP-085].

1.5 The Proposed Development

- 1.5.1 The Proposed Development will work by capturing CO₂ from the electricity generating station in addition to a cluster of local industries on Teesside and transporting it via a CO₂ export pipeline to the Endurance saline aquifer under the North Sea. The Proposed Development will initially capture and transport up to 4Mt of CO₂ per annum, although the CO₂ export pipeline has the capacity to accommodate up to 10Mt of CO₂ per annum thereby allowing for future expansion.
- 1.5.2 The Proposed Development comprises the following elements:
 - Work Number ('Work No.') 1 a Combined Cycle Gas Turbine electricity generating station with an electrical output of up to 860 megawatts and post-combustion carbon capture plant (the 'Low Carbon Electricity Generating Station');
 - Work No. 2 natural gas supply connection and Above Ground Installations ('AGIs') (the 'Gas Connection Corridor');
 - Work No. 3 an electricity grid connection (the 'Electrical Connection');
 - Work No. 4 water supply connections (the 'Water Supply Connection Corridor');
 - Work No. 5 waste water disposal connections (the 'Water Discharge Connection Corridor');
 - Work No. 6 a CO₂ gathering network (including connections under the tidal River Tees) to collect and transport the captured CO₂ from industrial emitters (the industrial emitters using the gathering network will be responsible for consenting their own carbon capture plant and connections to the gathering network) (the 'CO₂ Gathering Network Corridor');
 - Work No. 7 a high-pressure CO₂ compressor station to receive and compress the captured CO₂ from the Low Carbon Electricity Generating Station and the CO₂ Gathering Network before it is transported offshore (the 'HP Compressor Station');
 - Work No. 8 a dense phase CO₂ export pipeline for the onward transport of the captured and compressed CO₂ to the Endurance saline aquifer under the North Sea (the 'CO₂ Export Pipeline');
 - Work No. 9 temporary construction and laydown areas, including contractor compounds, construction staff welfare and vehicle parking for use during the construction phase of the Proposed Development (the 'Laydown Areas'); and
 - Work No. 10 access and highway improvement works (the 'Access and Highway Works').



- 1.5.3 The electricity generating station, its post-combustion carbon capture plant and the CO₂ compressor station will be located on part of the STDC Teesworks area (on part of the former Redcar Steel Works Site). The CO₂ export pipeline will also start in this location before heading offshore. The generating station connections and the CO₂ gathering network will require corridors of land within both Redcar and Stockton-on-Tees, including crossings beneath the River Tees.
- 1.5.4 All of the above elements are included in the scope of the DCO Application, with the exception of the CO₂ export pipeline, where only the onshore section of pipeline above MLWS is included. The CO₂ Export Pipeline below MLWS and the CO₂ storage site under the North Sea (the Endurance saline aquifer) are the subject of separate consent and licensing applications, which are supported by an Offshore Environmental Statement.
- 1.5.5 The ancillary development required in connection with and subsidiary to the above elements of the Proposed Development is detailed in Schedule 1 of the draft DCO (Document Ref. 2.1). A more detailed description of the Proposed Development is provided at Schedule 1 'Authorised Development' of the draft DCO [REP2-002] and Chapter 4 'The Proposed Development' in ES Volume I (Document Ref. 6.2) [APP-086] and 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 (Document Ref. 4.4) [AS-148 & 149].
- 1.5.6 The changes that have been made to the Proposed Development and the DCO Application as a result of the change request submitted on 28 April 2022, and accepted into the Examination on 6 May 2022, are described within the ES Addendum (Document Refs. 7.7, 7.8.1 and 7.8.2) [AS-049, 050 & 051]. There are three main areas of change to the Proposed Development. These are:
 - The selection of a Gas Connection route (Work No. 2A).
 - A reduction in the area of the CO₂ Gathering Network route from the north of the River Tees, across the Tees to the PCC Site (Work No. 6).
 - Updates to the land parcels within the Application Site/Order Limits as a result of further pre-front end engineering design construction assessments and landowner discussions.
- 1.5.7 The above have resulted in a total of 13 changes to the Proposed Development. These are described in detail at Chapter 2 'Proposed Development Changes' of the ES Addendum, Volume I.

1.6 The Purpose and Structure of this Document

1.6.1 The purpose of this Application Guide is to list the documents (the 'Application Documents') that make up the Application submitted to the SoS and also those submitted during the pre-examination and examination periods. In addition, it sets out how the documents submitted comply with relevant legislative and policy requirements and guidance, where relevant.

NZT Power Ltd & NZNS Storage Ltd Application Guide Document Reference: 1.2



- 1.6.2 The Application Guide will be updated by the Applicants, as required, during the Examination of the Application and the documents that have been superseded will be clearly identified as such.
- 1.6.3 The documents are listed in Section 2 (Table 2.1) of this document.

NZT Power Ltd & NZNS Storage Ltd Application Guide Document Reference: 1.2



2.0 APPLICATION DOCUMENTS & OTHER DOCUMENTS

- 2.1.1 The Application Documents and other documents have been grouped into appropriate categories and each has been given its own document reference in **Table**2.1 on the following pages.
- 2.1.2 In addition to listing the 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 principally contained in the PA 2008, The Infrastructure Planning (Applications: Prescribed Forms and Procedures) Regulations 2009 (the 'APFP Regulations') and The Infrastructure Planning (Environmental Impact Assessment) Regulations 2017 (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 proposed development. The documents and plans and drawings that have been provided by the Applicants 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 Regulation 6 sets out a number of documents that particular types of DCO application must include. Those relating to power stations and pipelines are relevant to the Proposed Development and include an Electricity Grid Connection Statement (Document Ref. 5.5) and a Gas Connection and Pipelines Statement (Document Ref. 5.6).
- 2.1.5 The Application submitted for the Proposed Development is considered to comply with the statutory requirements of the PA 2008, the APFP Regulations and the EIA Regulations. Furthermore, the Application complies with the policy requirements under relevant National Policy Statements and applicable SoS and PINS guidance, including, in particular, PINS Advice Note 6 'Preparation and submission of application documents' (December 2020).
- 2.1.6 The documents that have been submitted and amended at Deadline 4, along with any updates in respect of other documents since Deadlines 2 and 3, are highlighted in yellow in Table 2.1 below.



Table 2.1 – Documents (and updates)

| Document | Document Name | Statutory/other | Date/Rev. No. |
|--------------|---|--|--------------------------|
| Reference | Document Name | requirement/comment | Date, netritor |
| Category 1.0 | Application Form and related of | | |
| | | | |
| 1.1 | Application Cover Letter | APFP Reg. 5(2)(q) | July 2021 |
| 1.2 | Application Guide (this document) | APFP Reg. 5(2)(q) | July 2022 – Rev. 7.0 |
| 1.3 | Application Form | Section 37(3)(b) and APFP Reg. 5(1) | July 2021 |
| 1.4 | Notices for Non-Statutory & Statutory Publicity | APFP Reg. 5(2)(q), PINS Advice Note 6 and Application Form (Boxes 8(b) and 14(c)) | May 2021 |
| Category 2.0 | Draft Development Consent O | rder | |
| 2.1 | Draft Development Consent Order | APFP Reg. 5(2)(b) (Clean version & Comparison version between Version 4 submitted 9 June 2022 and Version 5 submitted 7 July 2022) | July 2022 – Rev. 5.0 |
| 2.1a | Schedule of Changes to Draft Development Consent Order | - | June 2022 Rev. 1.0 |
| 2.1b | Schedule of Changes to Draft Development Consent Order (Deadline 4) | <u>-</u> | July 2022 Rev. 2.0 |
| 2.2 | Explanatory Memorandum | APFP Reg. 5(2)(c) | April 2022 – Rev. 3.0 |
| Category 3.0 | Land Information / Compulsor | | |
| 3.1 | Book of Reference (Parts 1-5) | APFP Reg.5(2)(d) & Reg. 7 An updated Book of Reference will be submitted at Deadline 4 | July 2022 – Rev. 4.0 |
| 3.1a | Supplementary Book of Reference | APFP Reg.5(2)(d) & Reg. 7 | May 2022 – Rev. 1.0 |



| Document | Document Name | Statutory/other | Date/Rev. No. |
|----------------|---|----------------------------------|------------------------------|
| Reference | | requirement/comment | |
| | | | |
| 3.2 | Statement of Reasons | APFP Reg. 5(2)(h) & Reg. 5(2)(n) | April 2022 – Rev. 2.0 |
| 3.2a | Supplementary Statement of Reasons | APFP Reg. 5(2)(h) & Reg. 5(2)(n) | May 2022 – Rev. 1.0 |
| 3.3 | Funding Statement | APFP Reg. 5(2)(h) | July 2021 |
| 3.3a | Supplementary Funding Statement | APFP Reg. 5(2)(h) | May 2022 – Rev. 1.0 |
| 3.4 | Guide to Land Plans Plots | APFP Reg. 5(2)(q) | April 2022 – Rev. 1.0 |
| Category 4.0 | Plans, Drawings and Sections | | |
| 4.1 | Location Plan (Key Plan and Sheets 1-8) | APFP Reg.5(2)(o) | April 2022 – Rev. 2.0 |
| 4.2 | Land Plans (Key Plan and Sheets 1-14) | APFP Reg.5(2)(i) | April 2022 – Rev. 3.0 |
| 4.2a | Additional Land Plan | APFP Reg. 5(2)(i) | May 2022 – Rev. 1.0. |
| 4.3 | Crown Land Plans (Key Plan and Sheets 1-14) | APFP Reg. 5(2)(n) | April 2022 – Rev. 3.0 |
| 4.4 | Works Plans (Key Plans 1-11 and Sheets 1-31) | APFP Reg. 5(2)(j) | April 2022 – Rev. 3.0/v.3 |
| 4.5 | Access and Rights of Way Plans (Key Plan and Sheets 1-7) | APFP Reg. 5(2)(k) | April 2022- Rev. 3.0 |
| 4.6 | Indicative Power Capture and Compression (PCC) Facility Plans (Sheets 1-4 including Key Plan) | APFP Reg. 5(2)(o) | April 2022 – Rev. 1.0 |
| 4.7.1 to 4.7.7 | Indicative Gas Connection and Above Ground Installations Plans (Sheets 1 - 7 including Key Plan) | APFP Reg. 5(2)(o) | April 2022 – Rev. 3.0 |



| Document | Document Name | Statutory/other | Date/Rev. No. |
|-------------------|---|---|---|
| Reference | | requirement/comment | |
| 4.8.1 to 4.8.7 | Indicative Electrical Connection Plans (Sheets 1-7 including Key Plan) | APFP Reg. 5(2)(o) | 4.8.1 (Sheet 1 – Key Plan) April 2022 – Rev. 3.0 |
| | | | 4.8.2. to 4.8.7 April 2022 – Rev. 1.0 |
| 4.9 | Indicative Water Connection Plan | APFP Reg. 5(2)(o) | April 2022 – Rev. 1.0 |
| 4.10 | Indicative HP Compressor Plans (Sheets 1-4 including Key Plan) | APFP Reg. 5(2)(o) | April 2022 – Rev. 1.0 |
| 4.11.1 to 4.11.11 | Indicative CO ₂ Gathering Network Plans (Sheets 1-11 including Key Plan) | APFP Reg. 5(2)(o) | April 2022 – Rev. 2.0 |
| 4.12 | Indicative CO ₂ Export Pipeline Plan | APFP Reg. 5(2)(o) | April 2022 – Rev. 1.0 |
| 4.13 | Indicative Surface Water Drainage Plan | APFP Reg. 5(2)(o) | April 2022 – Rev. 1.0 |
| 4.14 | Deemed Marine Licence Coordinates Plans (Key Plan and Sheets 1-3) | APFP Reg. 5(2)(o) | April 2022 – Rev 3.0 |
| 4.15 | Indicative Landscape and Biodiversity Plan | APFP Reg. 5(2)(0) | April 2022 – Rev. 2.0 |
| Category 5.0 | Reports and Statements | | May 2021 unless otherwise stated |
| 5.1 | Consultation Report | Section 37(3)(c) & 37(7) PA 2008 and DCLG PA 2008 Guidance on the pre-application process (paras 78-84) | |
| 5.2 | Project Need Statement | APFP Reg. 5(2)(q) and PINS Advice Note 6 | May 2021 - Resubmitted in September 2021 due to |



| Document | Document Name | Statutory/other | Date/Rev. No. |
|--------------|--|---|---|
| Reference | | requirement/comment | |
| | | | file corruption but no changes made |
| 5.3 | Planning Statement | APFP Reg. 5(2)(q) and PINS Advice Note 6 | May 2022 – Rev. 2.0 |
| 5.4 | Design and Access Statement | APFP Reg. 5(2)(q), Overarching National Policy Statement ('NPS') for Energy (EN-1) – 4.5 and PINS Advice Note 6 | April 2022 – Rev. 2.0 |
| 5.5 | Electricity Grid Connection Statement | APFP Reg. 5(2)(p) & Reg. 6(1)(a)(i) | July 2021 |
| 5.6 | Gas Connection and Pipelines Statement | APFP Reg. 5(2)(p), Reg. 6(1)(a)(ii) & Reg. 6(4) | April 2022 – Rev. 2.0 |
| 5.7 | Carbon Capture Readiness Assessment | APFP Reg. 5(2)(q) and NPS EN-1 – 4.7 | |
| 5.8 | Combined Heat and Power Assessment | APFP Reg. 5(2)(q), EN-1 – 4.6 | October 2021 – Rev. 2.0 |
| 5.9 | Statutory Nuisance Statement | APFP Reg. 5(2)(f) | |
| 5.10 | Other Consents and Licences | APFP Reg. 5(2)(q) and PINS Advice Note 6 (Clean and Tracked versions) | June 2022 – Rev. 2.0 |
| 5.11 | Indicative Lighting Strategy | APFP Reg. 5(2)(q) | October 2021 – Rev. 2.0 |
| 5.12 | Indicative Landscape and Biodiversity Strategy | APFP Reg. 5(2)(q) and EN-1 – 5.9 | May 2021 |
| 5.13 | Habitats Regulations Assessment | APFP Reg 5(2)(g) | June 2022 – Rev. 4.0 |
| Category 6.0 | Environmental Impact Assessment Information | | May 2021 Unless otherwise stated |
| 6.1 | Environmental Statement Non-Technical Summary | APFP Reg. 5(2)(a) and EIA Reg. 14 | July 2021 |



| Document Reference | Document Name | Statutory/other requirement/comment | Date/Rev. No. |
|-----------------------|--|--|----------------------------|
| 6.2 | Environmental Statement Volume I – Main Text | APFP Reg. 5(2)(a) and EIA Reg. 14 | |
| 6.2.1 | Chapter 1 Introduction | APFP Reg. 5(2)(a) and EIA Reg. 14 | |
| 6.2.2 | Chapter 2 Assessment Methodology | APFP Reg. 5(2)(a) and EIA Reg. 14 | |
| 6.2.3 | Chapter 3 Description of the Existing Area | APFP Reg. 5(2)(a) and EIA Reg. 14 | |
| 6.2.4 | Chapter 4 Proposed Development | APFP Reg. 5(2)(a) and EIA Reg. 14 | October 2021 – Rev. 2.0 |
| 6.2.5 | Chapter 5 Construction Programme and Management | APFP Reg. 5(2)(a) and EIA Reg. 14 | July 2021 |
| 6.2.6 | Chapter 6 Alternatives and Design Evolution | APFP Reg. 5(2)(a) and EIA Reg. 14 | |
| 6.2.7 | Chapter 7 Legislative Context & Planning Policy | APFP Reg. 5(2)(a) and EIA Reg. 14 | |
| 6.2.8 | Chapter 8 Air Quality | APFP Reg. 5(2)(a) and EIA Reg. 14 | |
| 6.2.9 | Chapter 9 Surface Water, Flood Risk and Water Resources | APFP Reg. 5(2)(a) & (e) and EIA Reg. 14 | |
| 6.2.10 | Chapter 10 Geology, Hydrogeology and Contaminated Land | APFP Reg. 5(2)(a) & (I) and EIA Reg. 14 | |
| 6.2.11 | Chapter 11 Noise and Vibration | APFP Reg. 5(2)(a) and EIA Reg. 14 | July 2021 |
| 6.2.12 | Chapter 12 Terrestrial Ecology and Nature Conservation | APFP Reg. 5(2)(a) & (I) and EIA Reg. 14 | |
| 6.2.13 | Chapter 13 Aquatic Ecology | APFP Reg. 5(2)(a) & (I) and EIA Reg. 14 | |
| 6.2.14 | Chapter 14 Marine Ecology and Nature Conservation | APFP Reg. 5(2)(a) & (I) and EIA Reg. 14 | |



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| 6.2.15 | Chapter 15 Ornithology | APFP Reg. 5(2)(a) & (I) and EIA Reg. 14 | |
| 6.2.16 | Chapter 16 Traffic and Transport | APFP Reg. 5(2)(a) and EIA Reg. 14 | July 2021 |
| 6.2.17 | Chapter 17 Landscape and Visual Amenity | APFP Reg. 5(2)(a) & (m) and EIA Reg. 14 | July 2021 |
| 6.2.18 | Chapter 18 Cultural Heritage | APFP Reg. 5(2)(a) & (m) and EIA Reg. 14 | |
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| 6.2.20 | Chapter 20 Socio-economics & Tourism | APFP Reg. 5(2)(a) and EIA Reg. 14 | |
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| 6.2.22 | Chapter 22 Major Accidents & Disasters | APFP Reg. 5(2)(a) and EIA Reg. 14 | |
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| 6.3.1 | Figure 1.1: Site Location Plan | - | April 2022 - Rev. 2.0 |
| 6.3.2 | Figure 3.1: Site Boundary Plan | - | April 2022 – Rev. 2.0 |
| 6.3.3 | Figure 3.2: Development Areas | - | April 2022 – Rev. 3.0 |
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| 6.3.5 | Figure 3.4: Environmental Receptors within 2km | APFP Regs. 5(2)(I) | April 2022 – Rev. 3.0 |
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| 6.3.7 | Figure 4.2: Indicative Landscaping and Biodiversity Strategy | APFP Regs. 5(2)(I) | |
| 6.3.8 | Figure 5.1: Access and Laydown | - | April 2022 – Rev. 2.0 |
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| 6.3.20 | Figure 8.8 Maximum 24 hour Mean NOx Process Contribution | - | April 2022 – Rev. 2.0 |
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| 6.3.26b | Figure 9.6b: SFRA Mapping for Stockton-on-Tees Borough Council (STBC) | APFP Reg. 5(2)(e) To be provided at Deadline 4 subject to availability of mapping | - |
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| 6.3.74 | Figure 17.7a: Viewpoint 1 - Albion Terrace Hartlepool (Summer) | - | May 2021 – Re-submitted in September 2021 due to file corruption but no changes made |
| 6.3.75 | Figure 17.7b: Viewpoint 1 - Albion Terrace Hartlepool (Original Photography) | - | July 2021 Rev 1.0 |
| 6.3.76 | Figure 17.8: Viewpoint 2 - The Cliff Seaton Carew (Winter) | - | July 2021 Rev 1.0 |
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| 6.3.123a | Figure 18.4: Location of Previous Archaeological and Geotechnical Investigations | APFP Reg. 5(2)(m) | June 2022 Rev. 1.0 |
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| 6.3.125 | Figure 22.1: HSE Consultation Zones | - | April 2022 Rev. 2.0 |

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| 6.4.29 | Appendix 14A: Intertidal Benthic Ecology Survey Report | APFP Regs. 5(2)(I) | |
| 6.4.30 | Appendix 14B: Fisheries and Fish Survey Report | APFP Regs. 5(2)(I) | |
| 6.4.31 | Appendix 14C: Marine Mammal Survey Report | APFP Regs. 5(2)(I) | |
| 6.4.32 | Appendix 14D: Subtidal Benthic Ecology | APFP Regs. 5(2)(I) | |
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| 7.1 | Letter in respect of timing of Preliminary Meeting/Examination | - | 26 January 2022 |
| 7.2 | Letter in response to Examining Authority's letter dated 31 January 2022 in respect of the timing of Preliminary Meeting/Examination | - | 4 February 2022 |
| 7.3 | Letter notifying the Examining Authority of Proposed Changes to the Net Zero Teesside DCO Application | - | 18 February 2022 |
| 7.4 | Notification of Proposed Changes to the Net Zero Teesside DCO Application | - | 18 February 2022 |
| 7.5 | Letter requesting the Examining Authority to make changes to the Net Zero Teesside DCO Application | - | 28 April 2022 |
| 7.6 | Consultation Statement – Proposed Changes to the Net Zero Teesside DCO Application | - | 28 April 2022 |
| 7.7 | Non-Technical Summary of Environmental Statement Addendum | - | 28 April 2022 |
| 7.8.1 | Environmental Statement Addendum – Volume I (Main Report) | - | 28 April 2022 |
| 7.8.2 | Environmental Statement Addendum – Volume II (Figures) | - | 28 April 2022 |
| 8.0 | Statements of Common Ground | İ | |
| 8.1 | Redcar & Cleveland Borough Council | - | July 2022 Rev. 2.0 |



| Document | Document Name | Statutory/other | Date/Rev. No. |
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| Reference | | requirement/commen | The state of the s |
| <mark>8.2</mark> | Stockton on Tees Borough Council | | July 2022 Rev 2.0 |
| 8.3 | STDC, TVCA & Teesworks Limited | Clean and tracked versions | June 2022 Rev 2.0 |
| 8.4 | Marine Maritime Organisation | - | May 2022 Rev 1.0 |
| 8.5 | Environment Agency | - | May 2022 Rev 1.0 |
| 8.6 | Natural England | - | May 2022 Rev 1.0 |
| 8.7 | Historic England | - | June 2022 Rev 1.0 |
| 8.8 | National Grid Electricity Transmission PLC | - | May 2022 Rev 1.0 |
| 8.9 | National Grid Gas PLC | - | May 2022 Rev 1.0 |
| 8.10 | Northern Gas Networks Limited | - | May 2022 Rev. 1.0 |
| <mark>8.11</mark> | Northern Powergrid | l · | July 2022 Rev 2.0 |
| <mark>8.12</mark> | Northumbrian Water Limited | l · | July 2022 Rev 2.0 |
| 8.13 | PD Teesports Ltd | • | July 2022 Rev 2.0 |
| 8.14 | Telefonica | - | May 2022 Rev 1.0 |
| 8.15 | Vodafone & Cornerstone | - | May 2022 Rev 1.0 |
| 8.16 | Network Rail Infrastructure Limited | - | May 2022 Rev 1.0 |
| 8.17 | Air Products Plc | - | May 2022 Rev 1.0 |
| 8.18 | CATS North Sea Limited | - | July 2022 Rev 2.0 |
| 8.19 | CF Fertilisers UK Limited | - | May 2022 Rev 1.0 |
| 8.20 | Exolum Seal Sands Ltd | To be submitted | |
| 8.21 | Ineos Nitriles (UK) Limited | - | May 2022 Rev 1.0 |
| 8.22 | Marlow Foods | - | May 2022 Rev 1.0 |

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| 8.23 | NPL Waste Management Ltd | <u> </u> | July 2022 Rev. 2.0 |
| 8.24 | Redcar Bulk Terminal | - | May 2022 Rev 1.0 |
| 8.25 | Sabic UK Petrochemicals Limited | - | May 2022 Rev 1.0 |
| 8.26 | Sembcorp Utilities (UK) Ltd | - | May 2022 Rev 1.0 |
| 8.27 | Suez Recycling and Recovery UK Ltd | - | May 2022 Rev 1.0 |
| 8.28 | Anglo American | - | May 2022 Rev 1.0 |
| 8.29 | Ineos UK SNS Limited | - | May 2022 Rev 1.0 |
| 8.30 | North Tees Ltd | Clean and tracked versions | June 2022 Rev 1.0 |
| 8.31 | North Sea Transition Authority (NSTA) | The NSTA do not consider that it would be appropriate to discuss a SoCG as this time in view of ongoing discussions between the parties regarding any potential storage permit application. The NSTA is willing to engage with the ExA should the ExA have any further questions. | - |
| 8.32 | Offshore Petroleum Regulator for Environment and Decommissioning (OPRED) | In line with the NSTA, the OPRED do not consider that it would be appropriate to discuss a SoCG at this time in view of ongoing discussions between the parties regarding any potential storage permit application. The OPRED is willing to engage with the ExA should the ExA have any further questions. | - |

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|-----------|--|--|-----------------------|
| Reference | | requirement/comment | |
| | | | |
| 8.33 | National Highways | - | July 2022 Rev 2.0 |
| 8.34 | Orsted | It is not proposed to submit a draft SoCG at this time. It is considered that this would not be beneficial to the ExA due to the lack of common ground between the parties. It is proposed to remove Orsted from the list of SoCG. | - |
| 8.35 | Huntsman Polyurethanes (UK) Limited | - | May 2022 Rev 1.0 |
| 8.36 | Statement of Commonality | - | July 2022 Rev 4.0 |
| 9.0 | Other Examination Documents | ı | |
| 9.1 | Applicants' Proposed Additional Land Timetable | The Infrastructure Planning (Compulsory Acquisition) Regulations 2010 | May 2022 |
| 9.2 | Written Summary of Issue Specific Hearing 1 (ISH1) | - | May 2022 |
| 9.3 | Written Summary of Issue Specific Hearing 2 (ISH2) | - | May 2022 |
| 9.4 | Written Summary of Compulsory Acquisition Hearing 2 (CAH1) | - | May 2022 |
| 9.5 | Compulsory Acquisition Schedule | Clean and Tracked versions | July 2022 Rev. 4.0 |
| 9.6 | Comments on Relevant Representations | - | May 2022 |



| Document | Document Name | Statutory/other | Date/Rev. No. |
|-----------|---|---------------------|---------------|
| Reference | | requirement/comment | |
| 9.7 | Applicants' Response to the Examining Authority's Written Questions | - | June 2022 |
| 9.8 | Applicants' Response to the Examining Authority's First Written Questions – Appendices | - | June 2022 |
| 9.9 | Applicants' Comments on Local Impact Reports | - | June 2022 |
| 9.10 | Applicants' Comments on Deadline 1 Submissions | - | June 2022 |
| 9.11 | Applicants' Comments on Deadline 2 Submissions | - | June 2022 |
| 9.12 | Applicants' Comments on Written Representations | - | June 2022 |
| 9.13 | Sensitivity Test Construction Traffic Modelling – HGVs and Construction Worker Vehicles | - | June 2022 |
| 9.14 | Assessment of the Proposed Development against North East Marine Plan Policies | - | June 2022 |
| 9.15 | Applicants' Comments on Deadline 3 Submissions and Updates to Previous Submissions | - | July 2022 |
| 9.16 | Sensitivity Test Traffic Modelling – A1085 Trunk Road / A1042 Kirkleatham Lane | - | July 2022 |
| 9.17 | Hydrogeological Impact Assessment | - | July 2022 |
| 9.18 | Further Information Regarding Applicants' Responses to Historic Environment FWQs | - | July 2022 |
| 9.19 | Further Response to Written Question GEN.1.37 | - | July 2022 |
| 9.20 | Applicants' Response to Orsted Hornsea Project Four Limited's D3 Submission | - | July 2022 |

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|-----------------------|--|-------------------------------------|---------------|
| <mark>9.21</mark> | Notification of Proposed Changes and Update on | - | July 2022 |
| | Remaining Optionality | | |