

# Net Zero Teesside Project

Planning Inspectorate Reference: EN010103

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

The Net Zero Teesside Order

Document Reference: 8.36 – Statement of Commonality

The Planning Act 2008



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

Date: September 2022 – Deadline 7

## DOCUMENT HISTORY

<b>Document Ref</b>	8.36		
<b>Revision</b>	6.0		
<b>Author</b>	Nathan Cheung (NC)		
<b>Signed</b>	NC	<b>Date</b>	1 September 2022
<b>Approved By</b>	Rob Booth (RB)		
<b>Signed</b>	RB	<b>Date</b>	1 September 2022
<b>Document Owner</b>	DWD		

## GLOSSARY

<b>Abbreviation</b>	<b>Description</b>
AOD	Above ordnance datum
BEIS	The Department for Business, Energy and Industrial Strategy
CCUS	Carbon Capture, Utilisation and Storage
CO <sub>2</sub>	Carbon dioxide
DCO	Development Consent Order
ES	Environmental Statement
ExA	The Examining Authority
Ha	Hectares
PA 2008	Planning Act 2008
MLWS	Mean Low Water Springs
Mt	Million tonnes
NSIP	Nationally Significant Infrastructure Project
NSTA	The North Sea Transition Authority
NZNS Storage	Net Zero North Sea Storage Limited
NZT	The Net Zero Teesside Project
NZT Power	Net Zero Teesside Power Limited
OPRED	Offshore Petroleum Regulator for Environment and Decommissioning
SoCG	Statements of Common Ground
STDC	South Tees Development Corporation

## CONTENTS

<b>1.0</b>	<b>Introduction .....</b>	<b>4</b>
<b>2.0</b>	<b>List of SoCG Parties and the Status of SoCG .....</b>	<b>6</b>
<b>3.0</b>	<b>Commonality .....</b>	<b>8</b>

## TABLES

<b>Table 2.1:</b>	<b>List of SoCG and Status .....</b>	<b>6</b>
<b>Table 3.1:</b>	<b>Table of Commonality at Deadline 3 .....</b>	<b>9</b>

## 1.0 INTRODUCTION

### 1.1 Overview

- 1.1.1 This Statement of Commonality (Document Ref. 8.36 has been prepared on behalf of Net Zero Teesside Power Limited and Net Zero North Sea Storage Limited (the 'Applicants'). It relates to the application (the 'Application') for a Development Consent Order (a 'DCO'), that has been 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 (the 'Proposed Development').
- 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.

### 1.2 Description of the Proposed Development

- 1.2.1 The Proposed Development will work by capturing CO<sub>2</sub> from a new the gas-fired power station in addition to a cluster of local industries on Teesside and transporting it via a CO<sub>2</sub> transport pipeline to the Endurance saline aquifer under the North Sea. The Proposed Development will initially capture and transport up to 4Mt of CO<sub>2</sub> per annum, although the CO<sub>2</sub> transport pipeline has the capacity to accommodate up to 10Mt of CO<sub>2</sub> per annum thereby allowing for future expansion.
- 1.2.2 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** – a 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 CO<sub>2</sub> gathering network (including connections under the tidal River Tees) to collect and transport the captured CO<sub>2</sub> 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 '**CO<sub>2</sub> Gathering Network Corridor**');
  - **Work No. 7** – a high-pressure CO<sub>2</sub> compressor station to receive and compress the captured CO<sub>2</sub> from the Low Carbon Electricity Generating Station and the CO<sub>2</sub>

Gathering Network before it is transported offshore (the '**HP Compressor Station**');

- **Work No. 8** – a dense phase CO<sub>2</sub> export pipeline for the onward transport of the captured and compressed CO<sub>2</sub> to the Endurance saline aquifer under the North Sea (the '**CO<sub>2</sub> 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**').

1.2.3 The electricity generating station, its post-combustion carbon capture plant and the CO<sub>2</sub> compressor station will be located on part of the South Tees Development Corporation ('STDC') Teesworks area (on part of the former Redcar Steel Works Site). The CO<sub>2</sub> export pipeline will also start in this location before heading offshore. The generating station connections and the CO<sub>2</sub> gathering network will require corridors of land within the administrative areas of both Redcar and Cleveland and Stockton-on-Tees Borough Councils, including crossings beneath the River Tees.

### **1.3 The Purpose and Structure of this Document**

1.3.1 The purpose of this document is to provide the Examining Authority ('ExA') with the current position on the Statements of Common Ground ('SoCG') between the Applicants and Interested Parties at Deadline 7. It is provided in response to the ExA's procedural decision in paragraph 7 of Annex A to the Rule 8 Letter dated 19 May 2022. The Statement of Commonality will be updated throughout the Examination.

1.3.2 The document is structured as follows:

- Section 2 – List of SoCG parties and the Status of SoCG.
- Section 3 – Areas of Commonality.
- Section 4 – References.

## 2.0 LIST OF SOCG PARTIES AND THE STATUS OF SOCG

2.1.1 The Applicants have prepared a SoCG with a number of Interested Parties. These SoCGs will be developed further during the Examination process.

2.1.2 Each SoCG sets out the matters relevant to the parties and whether these matters are agreed, still under discussion or not agreed, in addition to any remaining actions.

2.1.3 **Table 2.1** below lists the SoCG and provides information on their current status. Each SoCG within Table 2.1 is provided with a ‘Position at Deadline 8’, these can be summarised as the following:

- **Initial** – The SoCG has been issued to the relevant party, though no comments have been received in response yet;
- **Draft** – Comments have been received from the relevant party, but there are still matters to resolve before the document can be agreed and finalised; and
- **Final** – The SoCG has been reviewed and agreed between the parties.

2.1.4 In addition to the above statuses, some selected SoCGs have been marked as “Not submitted”.

**Table 2.1: List of SoCG and Status**

DOCUMENT REF.	PARTY	POSITION AT DEADLINE 7
8.1	Redcar & Cleveland Borough Council	Final
8.2	Stockton on Tees Borough Council	Final
8.3	STDC, TVCA & Teesworks Limited	Revised Draft
8.4	Marine Maritime Organisation	Revised Draft
8.5	Environment Agency	Revised Draft
8.6	Natural England	Revised Draft
8.7	Historic England	Final
8.8	National Grid Electricity Transmission PLC	Draft
8.9	National Grid Gas PLC	Draft
8.10	Northern Gas Networks Limited	Draft
8.11	Northern Powergrid	Draft
8.12	Northumbrian Water Limited	Draft
8.13	PD Teesports Ltd	Initial*
8.14	Telefonica	Initial
8.15	Vodafone & Cornerstone	Initial
8.16	Network Rail Infrastructure Limited	Initial
8.17	Air Products Plc	Initial
8.18	CATS North Sea Limited	Draft
8.19	CF Fertilisers UK Limited	Draft
8.20	Exolum Seal Sands Ltd	Draft
8.21	Ineos Nitriles (UK) Limited	Draft

8.22	Marlow Foods	Initial
8.23	NPL Waste Management Ltd	Initial
8.24	Redcar Bulk Terminal	Draft
8.25	Sabic UK Petrochemicals Limited	Draft
8.26	Sembcorp Utilities (UK) Ltd	Draft
8.27	Suez Recycling and Recovery UK Ltd	Initial
8.28	Anglo American	Draft
8.29	Ineos UK SNS Limited	Draft
8.30	North Tees Ltd	Revised Draft
8.31	North Sea Transition Authority (NSTA)	Not submitted <sup>1</sup>
8.32	Offshore Petroleum Regulator for Environment and Decommissioning (OPRED)	Not submitted <sup>2</sup>
8.33	National Highways	Final
8.34	Orsted	Draft <sup>3</sup>
8.35	Huntsman Polyurethanes (UK) Limited	Draft
8.37	North Sea Midstream Partners	Draft

\*No comments have been received as yet from the relevant party on this revised draft of the SoCG.

---

1 The SoCG is still being discussed between the parties and will be submitted at a later deadline.

2 \*\*Both the NSTA and OPRED have advised that they do not consider 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. Both the NSTA and OPRED have confirmed that they are willing to engage with the ExA should the ExA have any further questions.

3 The Applicants and Orsted have prepared a joint position statement to address two narrow points to assist with the ExA's understanding of the issues and to inform the subsequent approach in the examination.

### 3.0 COMMONALITY

3.1.1 This section provides a summary of the main topics covered by the SoCG and identifies where there is commonality in the topics between the SoCG parties.

3.1.2 **Table 3.1** below is structured so as to show the main topics covered within each of the SoCG (identifying where there is commonality in topics between the parties) and the current position/status with regard to each topic.

	Matter agreed
	Subject to further discussion
	Currently subject to disagreement

3.1.3 Where a matter is not relevant to a party, it is unshaded in Table 3.1 and shown as a blank.



**Table 3.1: Table of Commonality at Deadline 7**

REF:	PARTY	TOPIC																						
		Air Quality and Emissions	Assessment Methodology and Data	Biodiversity and HRA	Combined And Cumulative Effects	Compulsory Acquisition and Temporary Possession	Construction Programme and Management	Decommissioning	Design, Landscape and Visual	Development Consent Order	Geology Hydrogeology and Land Contamination	Historic Environment	Land Interests	Licenses or permits	Major Accidents and Natural Disasters	Noise and Vibration	Planning Policy and Legislation	Population And Human Health	Protective Provisions	Site Access	Socio-Economics and Tourism Including Marine Users	Sustainability and Climate Change	Traffic And Transport	Water Environment
8.1	Redcar & Cleveland Borough Council																							
8.2	Stockton on Tees Borough Council																							
8.3	STDC, TVCA & Teesworks Limited																							
8.4	Marine Management Organisation																							
8.5	Environment Agency																							
8.6	Natural England																							
8.7	Historic England																							
8.8	National Grid Electricity Transmission PLC																							
8.9	National Grid Gas PLC																							
8.1	Northern Gas Networks Limited																							
8.11	Northern Powergrid																							

REF:	PARTY	TOPIC																							
		Air Quality and Emissions	Assessment Methodology and Data	Biodiversity and HRA	Combined And Cumulative Effects	Compulsory Acquisition and Temporary Possession	Construction Programme and Management	Decommissioning	Design, Landscape and Visual	Development Consent Order	Geology Hydrogeology and Land Contamination	Historic Environment	Land Interests	Licenses or permits	Major Accidents and Natural Disasters	Noise and Vibration	Planning Policy and Legislation	Population And Human Health	Protective Provisions	Site Access	Socio-Economics and Tourism Including Marine Users	Sustainability and Climate Change	Traffic And Transport	Water Environment	
8.12	Northumbrian Water Limited																								
8.13	PD Teesports Ltd																								
8.14	Telefonica																								
8.15	Vodafone & Cornerstone																								
8.16	Network Rail Infrastructure Limited																								
8.17	Air Products Plc																								
8.18	CATS North Sea Limited																								
8.19	CF Fertilisers UK Limited																								
8.20	Exolum Seal Sands Ltd																								
8.21	Ineos Nitriles (UK) Limited																								
8.22	Marlow Foods																								

REF:	PARTY	TOPIC																							
		Air Quality and Emissions	Assessment Methodology and Data	Biodiversity and HRA	Combined And Cumulative Effects	Compulsory Acquisition and Temporary Possession	Construction Programme and Management	Decommissioning	Design, Landscape and Visual	Development Consent Order	Geology Hydrogeology and Land Contamination	Historic Environment	Land Interests	Licenses or permits	Major Accidents and Natural Disasters	Noise and Vibration	Planning Policy and Legislation	Population And Human Health	Protective Provisions	Site Access	Socio-Economics and Tourism Including Marine Users	Sustainability and Climate Change	Traffic And Transport	Water Environment	
8.23	NPL Waste Management Ltd																								
8.24	Redcar Bulk Terminal																								
8.25	Sabic UK Petrochemicals Limited																								
8.26	Sembcorp Utilities (UK) Ltd																								
8.27	Suez Recycling and Recovery UK Ltd																								
8.28	Anglo American																								
8.29	Ineos UK SNS Limited																								
8.3	North Tees Ltd																								
8.31	North Sea Transition Authority																								
8.32	Offshore Petroleum Regulator for Environment and Decommissioning																								
8.33	National Highways																								

REF:	PARTY	TOPIC																							
		Water Environment	Traffic And Transport	Sustainability and Climate Change	Socio-Economics and Tourism Including Marine Users	Site Access	Protective Provisions	Population And Human Health	Planning Policy and Legislation	Noise and Vibration	Major Accidents and Natural Disasters	Licenses or permits	Land Interests	Historic Environment	Geology Hydrogeology and Land Contamination	Development Consent Order	Design, Landscape and Visual	Decommissioning	Construction Programme and Management	Compulsory Acquisition and Temporary Possession	Combined And Cumulative Effects	Biodiversity and HRA	Assessment Methodology and Data	Air Quality and Emissions	
8.34	Orsted																								
8.35	Huntsman Polyurethanes (UK) Limited																								
8.37	North Sea Midstream Partners																								