

# 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: 7.14 Third Change ES Addendum Non-Technical Summary](#)

The Infrastructure Planning (Environmental Impact Assessment) Regulations 2017 (as amended)

The Infrastructure Planning (Applications: Prescribed Forms and Procedure) Regulations 2009 - Regulation 5(2)(a)



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

**Date: November 2022**

**DOCUMENT HISTORY**

<b>Document Ref</b>	7.14		
<b>Revision</b>	1.0		
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# 1. Non-Technical Summary

## 1.1 Introduction

- 1.1.1 This document presents a Non-Technical Summary (NTS) of the third addendum to the Environmental Statement (ES) (herein referred to as the Third ES Addendum) that has been prepared to accompany the Development Consent Order (DCO) Application by Net Zero Teesside Power Limited and Net Zero North Sea Storage Limited (the 'Applicants') under the Planning Act 2008 to the Planning Inspectorate (who considers such applications on behalf of the Secretary of State for Business, Energy and Industrial Strategy) (the 'DCO Application'). The DCO Application was accepted for examination on 16 August 2021.
- 1.1.2 The Applicants are seeking development consent for the construction, operation and maintenance of the Net Zero Teesside Project ('NZZ'), including associated development (together referred to as the 'Proposed Development') on land at and in the vicinity of the former Redcar Steel Works site, Redcar, and on land in Stockton-on-Tees, on Teesside (the 'Site'). The former Redcar Steel Works site is within the landownership South Tees Development Corporation (STDC).
- 1.1.3 As a result of ongoing design development and consultation, the Applicants are proposing one change to the Application ('the Third Change Request'). The Third ES Addendum and this NTS examine the potential environmental effects of the Third Change Request. This Third ES Addendum is provided in support of the Third Change Request submitted to the Examining Authority.

### Terminology used in the Second ES Addendum

- 1.1.4 As a result of the Third Change Request, the Environmental Statement [**APP-082 to APP-347**] submitted as part of the DCO Application (hereafter referred to as the 'Original ES') was reviewed to identify if any of the Proposed Development Changes alter the outcomes of the Original ES.
- 1.1.5 The Third ES Addendum should be read in conjunction with the Second ES Addendum [REP6-106 to REP6-109], the First ES Addendum [AS-049 – AS132], Original ES [APP-082 to APP-347] and where necessary identifies where the Third ES Addendum text supersedes the ES First and Second Addenda or Original ES text.
- 1.1.6 Whilst the Proposed Development Change is described as a change (reduction) to the extent of the Order Limits, the driver for this change is a refinement to the extent of works required in connection with the Proposed Development. As it is a change to the extent of works that triggers potential changes to the environmental effects reported on in the Original ES, First ES Addendum and the Second ES Addendum, this Third ES Addendum assesses the impact of the modifications to the extent of works by reference to Work Numbers.

## 1.2 Scope and methodology of the Third ES Addendum

### Overview

- 1.2.1 Throughout the Third ES Addendum, references are given to the Examination Library numbers assigned by the Examining Authority (identified within square brackets, e.g. **[APP-083]** for information previously accepted for examination and to the Applicants' document numbers ('Application Document Ref.' numbers) for documents which have yet to be assigned an Examination Library number by the Examining Authority.
- 1.2.2 A glossary of terms and list of abbreviations used in this ES Addendum NTS and is provided is provided within the Original ES submitted with the DCO Application in July 2021 (ES Vol I Cover and Contents **[APP-082]**).
- 1.2.3 The general assessment methodology and topic-specific methodologies, relevant legislation, policy and guidance, key assumptions and limitations set out in Original ES (specifically Chapter 2 Assessment Methodology **[APP-084]** submitted with the DCO Application) remain unchanged unless specifically stated in this ES Addendum.
- 1.2.4 The ES Addendum comprises of two volumes:
  - ES Volume I - describes the Proposed Development Changes and outlines whether the changes affect the original ES technical chapters and appendices **[APP-084 to APP-107 and APP-237 to APP-348]** and original ES figures **[APP-109 to APP-236]** submitted with the DCO Application; and
  - ES Volume II - provides updated ES figures, where these are required.
- 1.2.5 This Non-Technical Summary (NTS) accompanies the ES Addendum and provides a summary of the key findings from the ES Addendum in non-technical language.

## 2. Proposed Development Change

### 2.1 Introduction

2.1.1 This section of the NTS presents a brief description of the Proposed Development Change and evaluates how the change in area of the affected Work Number modifies the description of the Proposed Development and the assessment outcomes as presented in the Original ES, the First ES Addendum and the Second ES Addendum.

### 2.2 Evaluation of Proposed Development Changes

2.2.1 Since the submission of the DCO Application, First ES Addendum and the Second ES Addendum, one change to the Order Limits has been developed. The change has resulted in changes in the area of the Work Numbers for the Proposed Development, which are presented in Schedule 1 of the draft DCO.

2.2.2 The Proposed Development Change is explained below. Where necessary, Section 3 of the ES Addendum provides an explanation of how chapters of the Original ES, the First ES Addendum or the Second ES Addendum would change as a result of the Proposed Development Change if the description of the Proposed Development has changed as a result.

2.2.3 The Order Limits are presented in Figure 3.1 (Ref. 6.3.2 Rev 4) and Figure 3.2 (Ref. 6.3.3 Rev 4) of the ES Addendum Volume II (Application Document Ref. 7.15.2). An updated Site Location Plan is presented as Figure 1.1 of ES Addendum Volume II (Application Document Ref 6.3.1 Rev 4).

2.2.4 Table 2-1 provides a summary of the proposed change and the effect of the change.

**Table 2-1 : Summary of the changes proposed and the effect of the change on Work No. areas.**

Change	Description	Summary of the effect of the Change in comparison to Original ES assessment
18	Removal of optionality for the disposal of wastewater to Tees Bay by removal of Work No. 5A, resulting in a reduction in the Order Limits <b>(Work Nos. 5A &amp;10)</b> .	The effect of Change 18 is a reduction in the order limits by the removal of the existing wastewater outfall. The new effluent outfall construction has been assessed as part of the Original ES. The change will not have any change in the previously predicted effects during the operation or decommissioning phases.

## 3. Changes to the Original Environmental Statement

### 3.1 Introduction

3.1.1 The Third ES Addendum has been split into changes from Chapters 1 to 7 of the Original ES, the First Change ES Addendum and the Second ES Addendum which are discussed in this Section of the NTS. Changes to the remaining technical chapters (Chapters 8- 23) of the Original ES are discussed in Chapter 4 of the Third ES Addendum.

### 3.2 Changes to Chapters 1-7 and Chapter 22 of the Original ES, the First ES Addendum and Second ES Addendum

#### Chapter 1 – Introduction

3.2.1 The following table summarises the changes made as a result of the changes to the Original ES, First Change ES Addendum and Second ES Addendum.

**Table 3-1 : Summary of the Extent of Changes to Chapter 1- 7 and Chapter 22 of the Original ES**

Chapter Number and title	Extent of Change
1 – Introduction	The proposed change to the work numbers and associated changes to the Order Limits do not change the text of the Original ES, the First ES Addendum or Second ES Addendum.
2 – Methodology	The proposed changes to the work numbers and associated changes to the Order Limits do not change the text of the Original ES or the First ES Addendum
3 – Description of the Existing Environment	The Proposed Development Changes have resulted in a reduction in the stated area of the Order Limits from 267 ha to 246 ha. The overall description of the Proposed Development site set out in Chapter 3: Site Description of the Existing Environment [APP-085] and there is a minor change to remove a reference to the existing Steelworks outfall located between the former blast furnace and coke works.

Chapter Number and title	Extent of Change
4 – Proposed Development	The description of the wastewater outfall has been updated to reflect the Proposed Development Change 18 (and the removal of <b>Work No. 5A</b> ).
5 – Construction Programme and Management	The description of the water discharge connection is updated as a result of Change 18 ( <b>Work No. 5A</b> ).
6 – Alternatives and Design Evolution	The ES Addendum included an additional entry to Table 6-1: Proposed Development Changes between DCO Submission and the Change Notification to describe the change made and the associated effects.
7 - Legislation and Policy	There have been no changes to Chapter 7.

### 3.3 Environmental Assessment of Proposed Development Changes

- 3.3.1 The Third ES Addendum identifies where the Proposed Development Changes have the potential to modify the assessment of impacts and effects reported in the technical chapters of the original ES or the appendices of the First and Second ES Addendums.
- 3.3.2 The Third ES Addendum presents a preliminary environmental assessment (screening) of whether the proposed change would change the baseline or alter the outcomes of previous assessments presented in the Original ES, the First ES Addendum or Second ES Addendum.

The screening assessment has identified that the Proposed Changes will not affect the significance of effects predicted for Air Quality, Surface Water, Flood Risk and Water Resources, Geology and Contaminated Land, Noise and Vibration, Terrestrial Ecology, Ornithology, Aquatic Ecology, Marine Ecology, Traffic, Landscape and Visual Amenity, Marine Heritage, Socio-Economic, Climate Change, Major Accidents and Natural Disasters, Public Health, Cumulative and Combined Effects and the Summary of Significant Effects chapters. No topics are therefore screened in for further consideration.