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Tees CCPP Project

The Tees Combined Cycle Power Plant Project Land at the Wilton International Site, Teesside

Application Guide – Final (Rev 3.0)

The Planning Act 2008 (as amended)

The Infrastructure Planning (Applications: Prescribed Forms and Procedure) Regulations 2009

Regulation 5(2)(q)



Applicant: Sembcorp Utilities (UK) Limited

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DOCUMENT HISTORY

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GLOSSARY

Abbreviation	Description
2009 EIA Regulations	The Infrastructure Planning (Environmental Impact Assessment)
	Regulations 2009
2017 EIA Regulations	The Infrastructure Planning (Environmental Impact Assessment)
	Regulations 2017
APFP Regulations	The Infrastructure Planning (Applications: Prescribed Forms and
	Procedures) Regulation 2009
Applicant	Sembcorp Utilities (UK) Limited
DCO	Development Consent Order
EIA	Environmental Impact Assessment
ES	Environmental Statement
MW	megawatts
NSIP	Nationally Significant Infrastructure Project
Order	Tees Combined Cycle Power Plant (Generating Station) Order
PA 2008	The Planning Act 2008
RCBC	Redcar and Cleveland Borough Council
SCU	Sembcorp Utilities (UK) Limited
SoS	Secretary of State



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1 INTRODUCTION

Overview

- 1.1 This document has been prepared on behalf of Sembcorp Utilities (UK) Limited ('SCU' or the 'Applicant') in respect of its application (the 'Application') for a Development Consent Order (a 'DCO'). The Application was accepted for examination by the Secretary of State (the 'SoS') for Business, Energy and Industrial Strategy on 18 December 2017. The 'Examination' began on 10 April 2018.
- 1.2 SCU is seeking a DCO for the construction, operation and maintenance of a new gas-fired electricity generating station with a nominal net electrical output capacity of up to 1,700 megawatts ('MW') at ISO conditions (the 'Project' or 'Proposed Development'), on the site of the former Teesside Power Station, which forms part of the Wilton International Site, Teesside.
- 1.3 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 and 15(2) of the Planning Act 2008 ('PA 2008').
- 1.4 The DCO, if made by the SoS, would be known as the 'Tees Combined Cycle Power Plant Order' (the 'Order').

SCU

- 1.5 SCU provides vital utilities and services to major international process industry customers on the Wilton International site on Teesside. Part of Sembcorp Industries, a Singapore-based group providing energy, water and marine services globally, Sembcorp Utilities UK also owns some of the industrial development land on the near 810 hectares (2,000 acre) site which is marketed to energy intensive industries worldwide.
- 1.6 SCU owns the land required for the Proposed Development.

The Project Site

- 1.7 The Project Site (the 'Site') is on the south west side of the Wilton International Site, adjacent to the A1053. The Site lies entirely within the administrative area of Redcar and Cleveland Borough Council ('RCBC') which is a unitary authority.
- Historically the Site accommodated a 1,875 MW Combined Cycle Gas Turbine power station (the former Teesside Power Station) with the ability to generate steam for utilisation within the wider Wilton International site. The Teesside Power Station ceased generation in 2013 and was demolished between 2013 and 2015.
- 1.9 SCU has identified the Site, based on its historical land use and the availability of natural gas supply and electricity grid connections and utilities as a suitable location for the Project. In summary, the benefits of the Site include:
 - brownfield land that has previously been used for power generation;
 - on-site gas connection, supplied from existing National Grid Gas Plc infrastructure;
 - on-site electrical connection, utilising existing National Grid Electricity Transmission infrastructure;
 - existing internal access roads connecting to a robust public road network;
 - availability of a cooling water supply using an existing contracted supply (from the Wilton Site mains) and existing permitted discharge consent for effluent to the site drainage system
 - screening provided by an existing southern noise control wall, approximately 6 m in height;
 - potential for future Combined Heat and Power ('CHP') and Carbon Capture and Storage ('CCS');
 and



- existing services, including drainage.
- 1.10 A more detailed description of the Site is provided at Chapter 3 'Description of the Site' of the Environmental Statement ('ES') Volume 1 (Application Document Ref. 6.2.3).

The Proposed Development

- 1.11 The main components of the 'Proposed Development are summarised below:
 - Work No. 1 a natural gas fired electricity generating station located on land within the Wilton International site, Teesside, which includes the site of a former CCGT power station, with a nominal net electrical output capacity of up to 1,700 MWe at ISO Conditions; and
 - Work No. 2 associated development comprising within the meaning of section 115(2) of the 2008 Act in connection with the nationally significant infrastructure project referred to in Work No. 1.
- 1.12 Please refer to Schedule 1 of the Draft DCO (Application Document Ref. 2.1) for more detail.
- 1.13 It is anticipated that subject to the DCO having been made by the SoS (and a final investment decision by SCU), construction work on the Project would commence in around the second half of 2019. The construction of the Project could proceed under one of two scenarios, based on SCU's financial modelling, as follows.
 - **'Scenario One'**: two CCGT 'trains' of up to 850 MW are built in a single phase of construction to give a total capacity of up to 1,700 MW.
 - **'Scenario Two'**: one CCGT train of up to 850 MW is built and commissioned. Within an estimated five years of its commercial operation the construction of a further CCGT train of up to 850 MWe commences.
- 1.14 The above scenarios have been fully assessed within the ES.
- 1.15 A more detailed description of the Project is provided at Schedule 1 'Authorised Development' of the draft DCO (Application Document Ref. 2.1) and Chapter 5 'Project Description' of the ES Volume 1 (Application Document Ref. 6.2.5).

The purpose and structure of this document

1.16 The purpose of this Application Guide is to list the documents (the 'Application Documents') that make up the Application submitted to the SoS, in addition to the documents submitted during the Examination of the Application.



2 DOCUMENTS

- The Application Documents have been grouped into appropriate categories in **Table 2.1** (on the following pages) and each has been given its own document reference number.
- 2.2 **Table 2.1** details the submission version (i.e. the version submitted as part of the Application on 22 November 2017), where relevant, in addition to the current version of the document along with the date that the current version was submitted.

Table 2.1 – Application Documents

Document	Document Name	Submission	Current Version	Date / Deadline Current
Reference (Ref.)		version		Version Submitted
Category 1.0	Application Form and related documents			
1.1	Application Cover Letter	-	-	22.11.17 – Original Submission
1.2	Application Guide (this document)	2.0	3.0	03.10.18 – Deadline 8
1.3	Application Form	1.0	1.0	22.11.17 – Original Submission
1.4	Notices for Statutory Publicity	1.0	1.0	22.11.17 – Original Submission
Category 2.0	Draft Development Consent Order			
2.1	Draft Development Consent Order – Final Version (Version 7) in Statutory Instrument Template	2.0	7.0	03.10.18 – Deadline 8
2.2	Explanatory Memorandum – Final Version (Version 4)	1.0	4.0	22.11.17 – Original Submission
Category 3.0	Land Information			
3.1	Schedule of Land Ownership and Interests	1.0	1.0	22.11.17 – Original Submission
Category 4.0	Plans, Drawings and Sections			
4.1	Location Plan (Sheets 1-3)	2.0	2.0	22.11.17 – Original Submission
4.2	Land Plan	2.0	2.0	22.11.17 – Original Submission
4.3	Works Plan (Sheets 1-5)	4.0	1.0	16.05.18 – Deadline 2
4.4	Existing Access Plan	2.0	2.0	22.11.17 – Original Submission
4.5	Indicative Generating Station Plan (Sheet 1)	1.0	2.0	22.11.17 – Original Submission
4.5	Indicative Generating Station Plan (Sheet 2)	1.0	1.0	22.11.17 – Original Submission
4.5	Indicative Generating Station Plan (Sheet 3)	3.0	4.0	16.05.18 – Deadline 2
4.6	Indicative Electrical Connection Plan	2.0	2.0	22.11.17 – Original Submission
4.7	Indicative Demineralised Water Connection Plan	4.0	4.0	22.11.17 – Original Submission
4.8	Indicative Potable Water Connection Plan	3.0	3.0	22.11.17 – Original Submission
4.9	Indicative Gas Connection Plan	3.0	3.0	22.11.17 – Original Submission
4.10	Indicative Drainage Plan (Sheets 1-3)	3.0	3.0	22.11.17 – Original Submission
4.11	Indicative Landscaping Plan	4.0	4.0	22.11.17 – Original Submission
4.12	Nationally Designated Sites Within 15km	1.0	1.0	22.11.17 – Original Submission
4.13	Listed Buildings and Scheduled Ancient Monuments within 2km	1.0	100	22.11.17 – Original Submission
Category 5.0	Reports and Statements			

Document	Document Name	Submission	Current Version	Date / Deadline Current
Reference (Ref.)		version		Version Submitted
5.1	Consultation Report	7.0	7.0	22.11.17 – Original Submission
5.2	Electricity Grid Connection Statement	1.0	1.0	22.11.17 – Original Submission
5.3	Gas Connection Statement	1.0	1.0	22.11.17 – Original Submission
5.4	Other Consents and Licences	1.0	3.0	03.10.18 – Deadline 8
5.5	Planning Statement	2.0	2.0	22.11.17 – Original Submission
5.6	Design and Access Statement	3.0	4.0	16.05.18 – Deadline 2
5.7	Combined Heat and Power Assessment	1.0	1.0	22.11.17 – Original Submission
5.8	Capture and Storage & Carbon Capture Readiness Statement	1.0	2.0	16.05.18 – Deadline 2
5.9	Statutory Nuisance Statement	1.0	1.0	22.11.17 – Original Submission
Category 6.0	Environmental Impact Assessment Information			
6.1	Environmental Statement Non-Technical Summary	1.0	1.0	22.11.17 – Original Submission
6.2	Environmental Statement – Volume 1 (Main Report)	1.0	1.0	22.11.17 – Original Submission
6.2.1	Environmental Statement – Chapter 1 Introduction	1.0	1.0	22.11.17 – Original Submission
6.2.2	Environmental Statement – Chapter 2 Legislation, Policy and Guidance	1.0	1.0	22.11.17 – Original Submission
6.2.3	Environmental Statement – Chapter 3 EIA Approach and Methodology	1.0	1.0	22.11.17 – Original Submission
6.2.4	Environmental Statement – Chapter 4 Overview of Environmental and Socioeconomic Baseline	1.0	1.0	22.11.17 – Original Submission
6.2.5	Environmental Statement – Chapter 5 Project Description and Alternatives	2.0	3.0	16.05.18 – Deadline 2
6.2.6	Environmental Statement – Chapter 6 Ground Conditions, Water Resources and Flooding	1.0	1.0	22.11.17 – Original Submission
6.2.7	Environmental Statement – Chapter 7 Air Quality	2.0	3.0	16.05.18 – Deadline 2
6.2.8	Environmental Statement – Chapter 8 Noise and Vibration	1.0	1.0	22.11.17 – Original Submission
6.2.9	Environmental Statement – Chapter 9 Ecology and Nature Conservation	1.0	1.0	22.11.17 – Original Submission
6.2.10	Environmental Statement – Chapter 10 Traffic and Transport	1.0	1.0	22.11.17 – Original Submission
6.2.11	Environmental Statement – Chapter 11 Landscape and Visual	3.0	3.0	16.05.18 – Deadline 2

Document	Document Name	Submission	Current Version	Date / Deadline Current
Reference (Ref.)		version		Version Submitted
	Amenity			
6.2.12	Environmental Statement – Chapter 12 Cultural Heritage	1.0	1.0	22.11.17 – Original Submission
6.2.13	Environmental Statement – Chapter 13 Socio Economic	1.0	1.0	22.11.17 – Original Submission
	Characteristics			
6.2.14	Environmental Statement – Chapter 14 Human Health	1.0	1.0	22.11.17 – Original Submission
6.2.15	Environmental Statement – Chapter 15 Major Accidents	1.0	1.0	22.11.17 – Original Submission
6.2.16	Environmental Statement – Chapter 16 – Summary of Cumulative and Indirect Effects	1.0	1.0	22.11.17 – Original Submission
6.2.17	Environmental Statement – Chapter 17 Mitigation Register	1.0	1.0	22.11.17 – Original Submission
6.2.18	Environmental Statement – Chapter 18 Conclusions	1.0	1.0	22.11.17 – Original Submission
6.3	Environmental Statement – Volume 2 (Annexes)	1.0	1.0	22.11.17 – Original Submission
6.3.1 Annex A	Scoping Report	1.0	1.0	22.11.17 – Original Submission
6.3.2 Annex B	Scoping Opinion	1.0	1.0	22.11.17 – Original Submission
6.3.3 Annex C	Flood Risk Assessment	1.0	1.0	22.11.17 – Original Submission
6.3.4 Annex D1	Phase 1 Habitat Survey	1.0	1.0	22.11.17 – Original Submission
6.3.5 Annex D2	Envirocheck	1.0	1.0	22.11.17 – Original Submission
6.3.6 Annex D3	Site Condition Report	1.0	1.0	22.11.17 – Original Submission
6.3.7 Annex D4	Waste Management Plan	1.0	1.0	22.11.17 – Original Submission
6.3.8 Annex E1	Stack Height Assessment	1.0	1.0	22.11.17 – Original Submission
6.3.9 Annex E2	Green House Gas Assessment	1.0	1.0	22.11.17 – Original Submission
6.3.10 Annex F1	Noise Baseline	1.0	1.0	22.11.17 – Original Submission
6.3.11 Annex F2	Noise Model Inputs and Results	1.0	1.0	22.11.17 – Original Submission
6.3.12 Annex G1	Effects of Air Quality on Nationally and Locally Designated Sites	1.0	1.0	22.11.17 – Original Submission
6.3.13 Annex G2	Preliminary Ecological Appraisal	1.0	1.0	22.11.17 – Original Submission
6.3.14 Annex G3	Breeding Bird Survey	1.0	1.0	22.11.17 – Original Submission
6.3.15 Annex H	Habitats Regulations Assessment	1.0	2.0	24.04.18 – Deadline 1
6.3.16 Annex I1	Transport Assessment	1.0	1.0	22.11.17 – Original Submission
6.3.17 Annex I2	Draft Construction Transport Management Plan	1.0	2.0	16.05.18 – Deadline 2
6.3.18 Annex J	Gazetteer of Non- Designated Heritage Assets	1.0	1.0	22.11.17 – Original Submission
6.3.19 Annex K	Landscape and Visual Amenity	2.0	3.0	16.05.18 – Deadline 2

Document	Document Name	Submission	Current Version	Date / Deadline Current
Reference (Ref.)		version		Version Submitted
6.3.20 Annex L	Draft Construction Environmental Management Plan	1.0	5.0	26.09.18 – Deadline 7
Category 7.0	Statement of Common Ground ('SoCGs')			
7.1	Tees Valley Wildlife Trust SoCG	1.0	2.0	16.05.18 – Deadline 2
7.2	Natural England SoCG	1.0	2.0	16.05.18 – Deadline 2
7.3	Redcar and Cleveland Borough Council SoCG	1.0	4.0	06.07.18 – Deadline 4
7.4	Environment Agency SoCG	1.0	5.0	27.09.18 – Deadline 7
7.5	National Grid SoCG	1.0	2.0	16.05.18 – Deadline 2
7.6	Civil Aviation Authority SoCG	1.0	2.0	16.05.18 – Deadline 2
7.9	Statement of Commonality for SoCG	1.0	1.0	16.05.18 – Deadline 2
Category 8.0	Examination Documents			
-	Deadline 1 cover letter	-	-	24.04.18 – Deadline 1
8.1	Non-material change cover letter	-	1.0	02.05.18 – Deadline 2
8.2	Implications of Requested Change on EIA note	-	1.0	02.05.18 – Deadline 2
8.3	Schedule of Application Documents and Plans to be Amended	-	1.0	02.05.18 – Deadline 2
8.4	Deadline 2 cover letter	-	-	16.05.18 – Deadline 2
8.5	Applicant's Comments on Relevant Representations	-	1.0	16.05.18 – Deadline 2
8.6	Applicant's Responses to the ExA's Written Questions	-	1.0	16.05.18 – Deadline 2
8.7	Applicant's Written Summary of Oral Case	-	1.0	16.05.18 – Deadline 2
5.8	Capture and Storage & Carbon Capture Readiness Statement	1.0	2.0	16.05.18 – Deadline 2
6.3.17	ES Annex I2 Draft CTMP	1.0	2.0	16.05.18 – Deadline 2
6.3.19	ES Annex L CEMP	1.0	2.0	16.05.18 – Deadline 2
8.8	Figure 9.1	-	1.0	16.05.18 – Deadline 2
8.9	Abbreviation List	-	1.0	16.05.18 – Deadline 2
8.10	Updated Mitigation Table	-	1.0	16.05.18 – Deadline 2
8.11	Figure 11.3	-	1.0	16.05.18 – Deadline 2
8.12	Figure 11.4	-	1.0	16.05.18 – Deadline 2
8.13	Figure C3.1	-	1.0	16.05.18 – Deadline 2
8.14	Table 3.2 update	-	1.0	16.05.18 – Deadline 2
8.15	Register and Title Plan CE115855	-	1.0	16.05.18 – Deadline 2
8.16	Drawing GIS-00-L-02801	-	0	16.05.18 – Deadline 2

Document	Document Name	Submission	Current Version	Date / Deadline Current
Reference (Ref.)		version		Version Submitted
8.17	Register and Title Plan CE189675	-	1.0	16.05.18 – Deadline 2
8.18	Plan GIS-00-L-02691	-	0	16.05.18 – Deadline 2
8.19	Plan supplied by NPG	-	-	16.05.18 – Deadline 2
8.20	Natural England letter	-	-	16.05.18 – Deadline 2
8.21	GIS-00-L-02668	-	0	16.05.18 – Deadline 2
8.22	Figure 5.3	-	0	16.05.18 – Deadline 2
8.23	Figure 5.4	-	0	16.05.18 – Deadline 2
8.24	GIS-00-L-02754	-	2.0	16.05.18 – Deadline 2
8.25	NWL email	-	-	16.05.18 – Deadline 2
8.26	GIS-00-L-02693	-	0	16.05.18 – Deadline 2
8.27	Mike Gent email	-	-	16.05.18 – Deadline 2
4.5	Revised Indicative Generating Station Plan – Sheet 3	4.0	4.0	16.05.18 – Deadline 2
4.3	Works Plan 1	4.0	1.0	16.05.18 – Deadline 2
4.3	Works Plan 2	4.0	1.0	16.05.18 – Deadline 2
4.3	Works Plan 3	4.0	1.0	16.05.18 – Deadline 2
4.3	Works Plan 4	4.0	1.0	16.05.18 – Deadline 2
4.3	Works Plan 5	4.0	1.0	16.05.18 – Deadline 2
8.34	Deadline 3 cover letter	-	-	29.05.18 – Deadline 3
8.35	Applicant's Comments on the Environment Agency's Responses to the Examiner's Written Questions	-	-	29.05.18 – Deadline 3
8.36	Applicant's Comments on the Environment Agency's Written Representations	-	1.0	29.05.18 – Deadline 3
8.37	Applicant's Comments on Redcar and Cleveland Borough Council's Responses to the Examiner's Written Questions	-	1.0	29.05.18 – Deadline 3
8.39	Applicant's Comments on Redcar and Cleveland Borough Council's Responses to the Examiner's Written Questions – Additional Responses	-	1.0	29.05.18 – Deadline 3
8.40	Non-Material Change Consultation Report	-	1.0	27.06.18 – Deadline 4
8.41	Deadline 4 Submission 1 Cover Letter	-	-	06.07.18 – Deadline 4
8.42	Deadline 4 Submission 2 Cover Letter	-	-	06.07.18 – Deadline 4

Document	Document Name	Submission	Current Version	Date / Deadline Current
Reference (Ref.)		version		Version Submitted
6.3.19	Annex L CEMP – Tracked	1.0	3.0	06.07.18 – Deadline 4
6.3.19	Annex L CEMP – Clean	1.0	3.0	06.07.18 – Deadline 4
7.3	Redcar and Cleveland Borough Council SoCG	1.0	4.0	06.07.18 – Deadline 4
8.43	Written Summary of Oral Case – Env Matters	-	1.0	06.07.18 – Deadline 4
8.44	Written Summary of Oral Case – Draft DCO	-	1.0	06.07.18 – Deadline 4
8.45	Updated Draft DCO (Version 3)	-	3.0	06.07.18 – Deadline 4
8.46	DCO Changes Summary Table	-	-	06.07.18 – Deadline 4
8.47	Follow up items on Air Quality	-	1.0	06.07.18 – Deadline 4
8.48	Detailed Habitats Regulations Assessment data (Excel file)	-	-	06.07.18 – Deadline 4
8.45	Deadline 5 Cover Letter	-		
8.46	Applicant's Response to the FWQs	-	1.0	07.08.18 – Deadline 5
8.47	Updated DCO – Clean (Version 4)	1.0	4.0	07.08.18 – Deadline 5
8.48	Updated DCO – Tracked (Version 4)	1.0	4.0	07.08.18 – Deadline 5
8.49	Deadline 6 Cover Letter	-	-	22.08.18 – Deadline 6
8.50	Applicant's Comments on the Responses to Examining	-	1.0	22.08.18 – Deadline 6
	Authority's Second Written Questions			
8.51	Updated DCO – Clean (Version 5)	-	5.0	22.08.18 – Deadline 6
8.52	Updated DCO –Tracked(Version 5)	-	5.0	22.08.18 – Deadline 6
8.53	Explanatory Memorandum (Version 3) – Clean	-	3.0	22.08.18 – Deadline 6
8.54	Explanatory Memorandum (Version 3) – Tracked	-	3.0	22.08.18 – Deadline 6
8.55	Deadline 7 Submission 1 Cover Letter	-	-	06.09.18 – Deadline 7
8.56	Tees Carbon Capture Sizing Studies – Support to Carbon Capture	-	4.0	06.09.18 – Deadline 7
	Readiness Report			
8.57	Assessment of the CCR Compliance of the Tees Combined Cycle	-	-	06.09.18 – Deadline 7
	Power Plant Project			
8.58	Deadline 7 Submission 2 Cover Letter	-	-	26.09.18 – Deadline 7
8.59	Applicant's Comment on the Response to Examining Authority's	-	1.0	26.09.18 – Deadline 7
	Second Written Questions			
8.60	HRA Addendum	-	1.0	26.09.18 – Deadline 7
8.61	Stack Sensitivity Analysis	-	1.0	26.09.18 – Deadline 7

Document	Document Name	Submission	Current Version	Date / Deadline Current
Reference (Ref.)		version		Version Submitted
8.62	Updated Draft DCO – Clean (Version 6)	-	6.0	26.09.18 – Deadline 7
8.63	Updated Draft DCO – Tracked (Version 6)	-	6.0	26.09.18 – Deadline 7
8.64	AECOM memo dated 19 September 2018	-	-	26.09.18 – Deadline 7
8.65	Section 106 Agreement – Final – Unsigned	-	-	26.09.18 – Deadline 7
8.66	Deadline 7 Submission 3 Cover Letter	-	-	27.09.18 – Deadline 7
7.4	Environment Agency SoCG	1.0	5.0	27.09.18 – Deadline 7
8.67	Deadline 8 Cover Letter	-	-	03.10.18 – Deadline 8
2.1	Draft DCO – Final Version (Version 7) in Statutory Instrument	1.0	7.0	03.10.18 – Deadline 8
	Template			
8.69	Draft DCO – Tracked (Version 7)	1.0	7.0	03.10.18 – Deadline 8
2.2	Explanatory Memorandum – Final Version (Version 4)	1.0	4.0	03.10.18 – Deadline 8
8.71	Explanatory Memorandum – Tracked (Version 4)	1.0	4.0	03.10.18 – Deadline 8
5.4	Other Consents and Licenses Document (Version 3)	1.0	3.0	03.10.18 – Deadline 8