

Tees CCPP Project

The Tees Combined Cycle Power Plant Project

Land at the Wilton International Site, Teesside

Proposed Non-Material Change - Schedule of Application Documents and Plans to be Amended

The Planning Act 2008 (as amended)

The Infrastructure Planning (Examination Procedure) Rules 2010 (as amended) - Rule 17



Applicant: Sembcorp Utilities (UK)
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GLOSSARY

Abbreviation	Description
Applicant	Sembcorp Utilities (UK) Limited
CCGT	combined cycle gas turbine
CCS	carbon capture and storage
CHP	combined heat and power
DCO	Development Consent Order
EIA	Environmental Impact Assessment
ES	Environmental Statement
HRSG	heat recovery steam generator
MW	megawatts
NSIP	Nationally Significant Infrastructure Project
Order	Tees Combined Cycle Power Plant Order
PA 2008	The Planning Act 2008
PINS	Planning Inspectorate
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 schedule 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.
- 1.8 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;

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- 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 I (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 I (Application Document Ref. 6.2.5).

The purpose and structure of this document

1.16 This document forms part of a package of documents that together comprise a request for a non-material change to the Proposed Development submitted under provision of the Planning Act 2008 and Rule 17 of the Infrastructure Planning (Examination Procedure) Rules 2010.

1.17 The purpose of this document is to provide a full schedule of all application documents and plans, along with any consequential revisions to each document that are required as a result of the proposed non-material change and plan or a 'no change' annotation. This document has been prepared in accordance with the guidance set out in Figure 3 of Planning Inspectorate ('PINS') Advice Note 16.

1.18 The schedule is set out in Table 2.1 in Section 2 of this document.

The proposed non-material change

1.19 The following non-material change is proposed:

- an increase in the maximum height of the turbine hall buildings from 25 metres ('m') to 32m; and
- an increase in the maximum height of the heat recovery steam generator ('HRSG') buildings from 44m to 45m.

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- 1.20 The turbine hall and HRSG buildings comprise Work No.1A (a) and Work No. 1A (b) of the draft DCO (Application Document Ref: 2.1). The current maximum heights (25m and 44m respectively) are set out in Schedule 2, Requirement 4 of the draft DCO.

The rationale and need for the non-material change

- 1.21 The Applicant is currently engaged in a tendering process with a number of contractors, with one to be selected once the Proposed Development is consented and prior to construction. Since submission of the Application in November 2017, one of the contractors has identified that it might be necessary to increase the maximum height of the turbine hall and HRSG building. This has necessitated the need to request a change to the maximum heights set out within the draft DCO.

2 THE SCHEDULE

- 2.1 The schedule of all application documents and plans, along with any consequential revisions to each document that are required as a result of the proposed non-material change and plan or a 'no change' annotation is set out in Table 2.1 on the following page.
- 2.2 The documents that are subject to consequential revisions are highlighted yellow in the table.

Table 2.1 - The Schedule

Application document reference (ref.)	Application document name	Change required?	Detail of revision(s)	Current revision number	New revision number
Category 1.0	Application Form and related documents				
1.1	Application Cover Letter	NO		n/a	
1.2	Application Guide	YES	Update document version numbers and new section for 'Examination documents', including the non-material change documents.	2.0	3.0
1.3	Application Form	NO		1.0	
1.4	Notices for Statutory Publicity	NO		1.0	
Category 2.0	Draft Development Consent Order				
2.1	Draft Development Consent Order (DCO)	YES	Schedule 2, Requirement 4 amended to included increased maximum building heights.	1.0	2.0
2.2	Explanatory Memorandum	NO		1.0	
Category 3.0	Land Information				
3.1	Schedule of Land Ownership and Interests	NO		1.0	
Category 4.0	Plans, Drawings and Sections				
4.1	Location Plan (Sheets 1-3)	NO		1.0	
4.2	Land Plan	NO		1.0	
4.3	Works Plan Sheet 1	NO		2.0	
	Works Plan Sheet 2	NO		1.0	
4.4	Existing Access Plan	NO		1.0	
4.5	Indicative Generating Station Plan Sheet 1	YES	To indicate increased building heights – turbine hall and HRSG building.	1.0	2.0
	Indicative Generating Station Plan Sheet 2	NO		1.0	
	Indicative Generating Station Plan Sheet 3	YES	To indicate increased building heights – turbine hall and HRSG building.	2.0	3.0
4.6	Indicative Electrical Connection	NO		1.0	

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Application document reference (ref.)	Application document name	Change required?	Detail of revision(s)	Current revision number	New revision number
	Plan				
4.7	Indicative Demineralised Water Connection Plan	NO		1.0	
4.8	Indicative Potable Water Connection Plan	NO		1.0	
4.9	Indicative Gas Connection Plan	NO		1.0	
4.10	Indicative Drainage Plan (Sheets 1-3)	NO		1.0	
4.11	Indicative Landscaping Plan	NO		1.0	
4.12	Nationally Designated Sites Within 15km	NO		2.0	
4.13	Listed Buildings and Scheduled Ancient Monuments within 2km	NO		2.0	
Category 5.0	Reports and Statements				
5.1	Consultation Report	NO		1.0	
5.2	Electricity Grid Connection Statement	NO		1.0	
5.3	Gas Connection Statement	NO		1.0	
5.4	Other Consents and Licences	NO		1.0	
5.5	Planning Statement	NO		2.0	
5.6	Design and Access Statement	YES	Table 4.2 amended to include increased maximum heights for the turbine hall and HRSG buildings.	2.0	3.0
5.7	Combined Heat and Power Assessment	NO		1.0	
5.8	Capture and Storage ('CCS') & Carbon Capture Readiness ('CCR') Statement	NO		1.0	
5.9	Statutory Nuisance Statement	NO		1.0	

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Application document reference (ref.)	Application document name	Change required?	Detail of revision(s)	Current revision number	New revision number
Category 6.0	Environmental Impact Assessment Information				
6.1	Environmental Statement Non-Technical Summary	NO		1.0	
6.2	Environmental Statement – Volume 1 (Main Report)	YES	See details below.	1.0	
6.2.1	Environmental Statement – Chapter 1 Introduction	NO		1.0	
6.2.2	Environmental Statement – Chapter 2 Legislation, Policy and Guidance	NO		1.0	
6.2.3	Environmental Statement – Chapter 3 EIA Approach and Methodology	NO		1.0	
6.2.4	Environmental Statement – Chapter 4 Overview of Environmental and Socioeconomic Baseline	NO		1.0	
6.2.5	Environmental Statement – Chapter 5 Project Description and Alternatives	YES	Table 5.3 amended to include new maximum heights for the turbine hall and HRSG buildings.	1.0	2.0
6.2.6	Environmental Statement – Chapter 6 Geology, Hydrogeology and Contamination	NO		1.0	
6.2.7	Environmental Statement – Chapter 7 Air Quality	YES	Text amended to take account of requested non-material change at Paragraph 7.61 and Section 7.6.	1.0	2.0
6.2.8	Environmental Statement – Chapter 8 Noise and Vibration	NO		1.0	
6.2.9	Environmental Statement – Chapter 9 Ecology and Nature Conservation	NO		1.0	
6.2.10	Environmental Statement – Chapter	NO		1.0	

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Application document reference (ref.)	Application document name	Change required?	Detail of revision(s)	Current revision number	New revision number
	10 Traffic and Transport				
6.2.11	Environmental Statement – Chapter 11 Landscape and Visual Amenity	YES	Text amended to take account of requested non-material change at Paragraphs 11.3-11.4 and 11.47 and Table 11.6.	2.0	3.0
6.2.12	Environmental Statement – Chapter 12 Archaeology and Cultural Heritage	NO		1.0	
6.2.13	Environmental Statement – Chapter 13 Socio Economic Characteristics	NO		1.0	
6.2.14	Environmental Statement – Chapter 14 Health	NO		1.0	
6.2.15	Environmental Statement – Chapter 15 Major Accidents	NO		1.0	
6.2.16	Environmental Statement – Chapter 16 – Summary of Cumulative and Indirect Effects	NO		1.0	
6.2.17	Environmental Statement – Chapter 17 Mitigation Register	NO		1.0	
6.2.18	Environmental Statement – Chapter 18 Conclusions	NO		1.0	
6.3	Environmental Statement – Volume 2 (Annexes)			1.0	
6.3.1 Annex A	Scoping Report	NO		1.0	
6.3.2 Annex B	Scoping Opinion	NO		1.0	
6.3.3 Annex C	Flood Risk Assessment	NO		1.0	
6.3.4 Annex D1	Phase 1 Habitat Survey	NO		1.0	
6.3.5 Annex D2	Envirocheck	NO		1.0	
6.3.6 Annex D3	Site Condition Report	NO		1.0	
6.3.7 Annex D4	Framework Construction Site Waste Management Plan	NO		1.0	

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Application document reference (ref.)	Application document name	Change required?	Detail of revision(s)	Current revision number	New revision number
6.3.8 Annex E1	Stack Height Assessment	NO		1.0	
6.3.9 Annex E2	Green House Gas Assessment	NO		1.0	
6.3.10 Annex F1	Noise Baseline	NO		1.0	
6.3.11 Annex F2	Noise Model Inputs and Results	NO		1.0	
6.3.12 Annex G1	Effects of Air Quality on Nationally and Locally Designated Sites	NO		1.0	
6.3.13 Annex G2	Preliminary Ecological Appraisal	NO		1.0	
6.3.14 Annex G3	Breeding Bird Survey	NO		1.0	
6.3.15 Annex H	Habitats Regulations Assessment	NO		1.0	
6.3.17 Annex I1	Transport Assessment	NO		1.0	
6.3.18 Annex I2	Draft Construction Traffic Management Plan	NO		1.0	
6.3.19 Annex J	Gazetteer of Non- Designated Heritage Assets	NO		1.0	
6.3.20 Annex K	Landscape and Visual Amenity	YES	New photomontages have been produced to show the increased maximum building heights.	1.0	2.0
6.3.21 Annex L	Draft Construction Environmental Management Plan	NO		1.0	