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# Tees CCPP Project



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

## Statement of Common Ground with the Civil Aviation Authority

The Planning Act 2008

**Applicant:** Sembcorp Utilities UK  
**Date:** April 2018

## DOCUMENT HISTORY

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## GLOSSARY

<b>Abbreviation</b>	<b>Description</b>
CAA	Civil Aviation Authority
DCO	Development Consent Order
EIA	Environmental Impact Assessment
ES	Environmental Statement
MoD	Ministry of Defence
MW	megawatts
NSIP	Nationally Significant Infrastructure Project
PA 2008	Planning Act 2008
PINS	Planning Inspectorate
RCBC	Redcar and Cleveland Borough Council
SCU	Sembcorp Utilities (UK) Limited
SoCG	Statement of Common Ground
SoS	Secretary of State
the Applicant	Sembcorp Utilities (UK) Limited
The Order	Tees Combined Cycle Power Plant Order

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# 1 INTRODUCTION

## OVERVIEW

- 1.1 This Statement of Common Ground ('SoCG') 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.
- 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;
- potential for future CHP and 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 The purpose of this SoCG (see Section 2 of this report) is to set out the agreement that has been reached between SCU and the Civil Aviation Authority ('CAA') in respect of the following matters relating to the Proposed Development:

- Consultation; and
- Air safety.

## 2 MATTERS AGREED

### CONSULTATION WITH THE CIVIL AVIATION AUTHORITY

- 2.1 The CAA was first consulted on the Proposed Development by the Planning Inspectorate ('PINS') in March 2017 in response to SCU's request for an Environmental Impact Assessment ('EIA') Scoping Opinion. SCU's request for an EIA Scoping Opinion sought for aviation to be scoped out of the EIA for the Proposed Development.
- 2.2 A response was not received with regard to the request for EIA scoping opinion.
- 2.3 The CAA was also consulted as part of SCU's Stage 2 Consultation (Section 42) in June 2017. This process included SCU liaising with the stakeholder through an email exchange which began on 28 July 2017. A copy of the email exchange is provided at Appendix 1.
- 2.4 The CAA's initial Stage 2 response email requested that SCU consult with Durham Tees Valley Airport due to its proximity, and also the Safeguarding Department within the Ministry of Defence ('MoD'). SCU responded to the CAA's email confirming that Durham Tees Valley Airport and the MOD had both been consulted as part of the Stage 2 Consultation.
- 2.5 It is agreed that that the CAA and other relevant stakeholders have been adequately consulted in respect of aviation.

### AIR SAFETY

- 2.6 The draft DCO (Application Document Ref. 2.1) includes Requirement 17 'Air safety', which states:

"17. (1) No part of the authorised development comprised in Work No. 1 may commence until the undertaker has notified the Ministry of Defence and Durham Tees Valley Airport of –

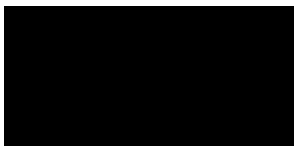
  - a. the precise location of the authorised development with grid coordinates;
  - b. the proposed date of commencement of construction;
  - c. the height above ground level in metres of the tallest structure; and
  - d. the maximum extension height in metres of any construction equipment.

(2) Within 28 days of completion of the construction of the generating unit in either phase of the authorised development the undertaker must notify the Ministry of Defence and Durham Tees Valley Airport of the date of such completion of construction."
- 2.7 It is agreed that the Requirement 17 is sufficient to deal with air safety and that there are no residual air safety issues of significance.

### 3 MATTERS TO RESOLVE

3.1 There are no matters left to resolve between the parties.

Signed:

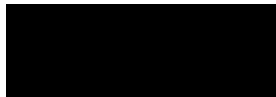


Print name and position: CRAIG JIGGINS, ATM Technical Specialist

**On behalf of the Civil Aviation Authority**

Date: 5th April 2018

Signed:



Print name and position: SCOTT TAYLOR, Business Development Manager

**On behalf of Sembcorp Utilities (UK) Limited:**

Date: 23rd April 2018

## APPENDIX 1 – EMAIL CORRESPONDENCE

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**From:** [REDACTED]  
**Sent:** 27 February 2018 10:44  
**To:** [REDACTED]  
**Subject:** CAA emails

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

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**From:** [REDACTED]  
**Sent:** 03 August 2017 07:02  
**To:** Teesside CAPP  
**Subject:** RE: ENO10082

Morning [REDACTED]

Thanks for letting me know regarding the MoD.

I have just got the following number from the Durham Tees Valley UK AIP entry, hopefully if they it is not the correct number then at least they should be able to point you to the correct place.

Duty Manager, Tel: [REDACTED]  
Or possibly [REDACTED] (but it not clear which office this number belongs to).

It may be that the Airport is already aware or may have no impact to them.

Regards

[REDACTED]

[REDACTED]  
ATM Technical Specialist  
Safety and Airspace Regulation Group (SARG) - Airspace Regulation  
Civil Aviation Authority

[REDACTED]

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**From:** [REDACTED]  
**Sent:** 31 July 2017 08:47  
**To:** [REDACTED]  
**Subject:** RE: ENO10082

Good Morning [REDACTED]



## APPENDIX 1 – EMAIL CORRESPONDENCE

I can confirm that we have brought the proposal to the attention of the Safeguarding Department within the MOD, email [REDACTED].

With reference to Durham Tees Valley Airport, we are happy to advise them of the proposal, and consider any comments, do you have a contact I can email?

Many thanks

Regards

[REDACTED]  
Tees CCPP Project Coordinator

**Sembcorp Utilities (UK) Limited**

Sembcorp UK Headquarters, Wilton International, Middlesbrough, TS90 8WS, United Kingdom


[REDACTED]  
[REDACTED]  
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**From:** [REDACTED]

**Sent:** 28 July 2017 09:04

**To:** [REDACTED]

**Subject:** Re: ENO10082

Dear Sir / Madam

I appreciate that this response is outside the date that comments were to be received, but your letter was mis-directed. Although the area is already industrialised guidance for the purposes of safety of aviation should be considered.

- Due to the proximity of Durham Tees Valley Airport, the Airport should be advised of the proposal;
- The proposal should be brought to the attention of the Safeguarding Department within the MOD's Defence Infrastructure Organisation, email: [REDACTED], to ensure that military aircraft safety is taken into consideration;

Regards

[REDACTED]

## APPENDIX 1 – EMAIL CORRESPONDENCE

██████████  
ATM Technical Specialist

Safety and Airspace Regulation Group (SARG) - Airspace Regulation  
Civil Aviation Authority

██████████  
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