

Department for Business Energy &  
Industrial Strategy  
1 Victoria Street  
London  
SW1H 0ET

**Our ref:** NA/2019/114459/01-L01  
**Your ref:** Tees CCPP  
**Date:** 18 February 2019

Dear Sir/Madam

**PLANNING ACT 2008 AND THE INFRASTRUCTURE PLANNING  
(EXAMINATION PROCEDURE) RULES 2010. APPLICATION BY SEMBCORP  
UTILITIES (UK) LIMITED (“THE APPLICANT”) FOR AN ORDER GRANTING  
DEVELOPMENT CONSENT FOR THE PROPOSED TEES COMBINED CYCLE  
POWER PLANT (“CCPP”) GENERATING STATION.**

**The Environment Agency is requested to confirm the basis for its  
assessment of CCR requirements to enable him to consider whether the  
draft Requirement 29 is appropriately drafted and suitable for inclusion in  
any DCO which may be granted.**

Thank you for your letter in respect to the Examining Authority’s request for  
further information, which we received on 4 February 2019.

The Department of Energy & Climate Change (DECC) Carbon Capture  
Readiness (CCR) guidance notes does not specially state that CCR assessments  
should be based on gross capacity. However, in order to determine the threshold  
for the requirement for CCR, it is considered that this should be based on gross  
capacity rather than net electrical capacity.

For an assessment purpose, DECC’s CCR guidance table 1 carbon capture plant  
footprint figures are based on net capacity. Therefore, the use of net electrical  
capacity is considered to be appropriate for assessing the land set aside for  
carbon capture.

In order to determine the CCR requirements, we based on our assessment on the  
report submitted by AECOM - Tees Carbon Capture Sizing Studies, Support to  
Carbon Capture Readiness Report, Sembcorp Utilities (UK) Limited, Project  
reference: PR-328273, Project number: 60580085, 60580085-501-000-ME-RP-

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00001, 18 June 2018. This report is based on net electrical output. Therefore, we consider it appropriate to use net electrical output in requirement 29 of the draft Development Consent Order.

Following discussions with the Applicant (Sembcorp Utilities) in a telecon on Friday 15 February, the Applicant confirmed that the inconsistencies with respect to the gross and net electrical outputs were drafting errors. The Applicant also stated that the CCR calculations are based on net electrical output, and the calculations of carbon dioxide emissions are based on the gross thermal input (i.e. the total fuel burnt) to the power plant. Therefore, the Applicant has calculated the size of the carbon capture plant correctly.

Please do not hesitate to contact me if you have any questions regarding this letter.

Yours faithfully

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