

# White Rose Carbon Capture and Storage (CCS) Project

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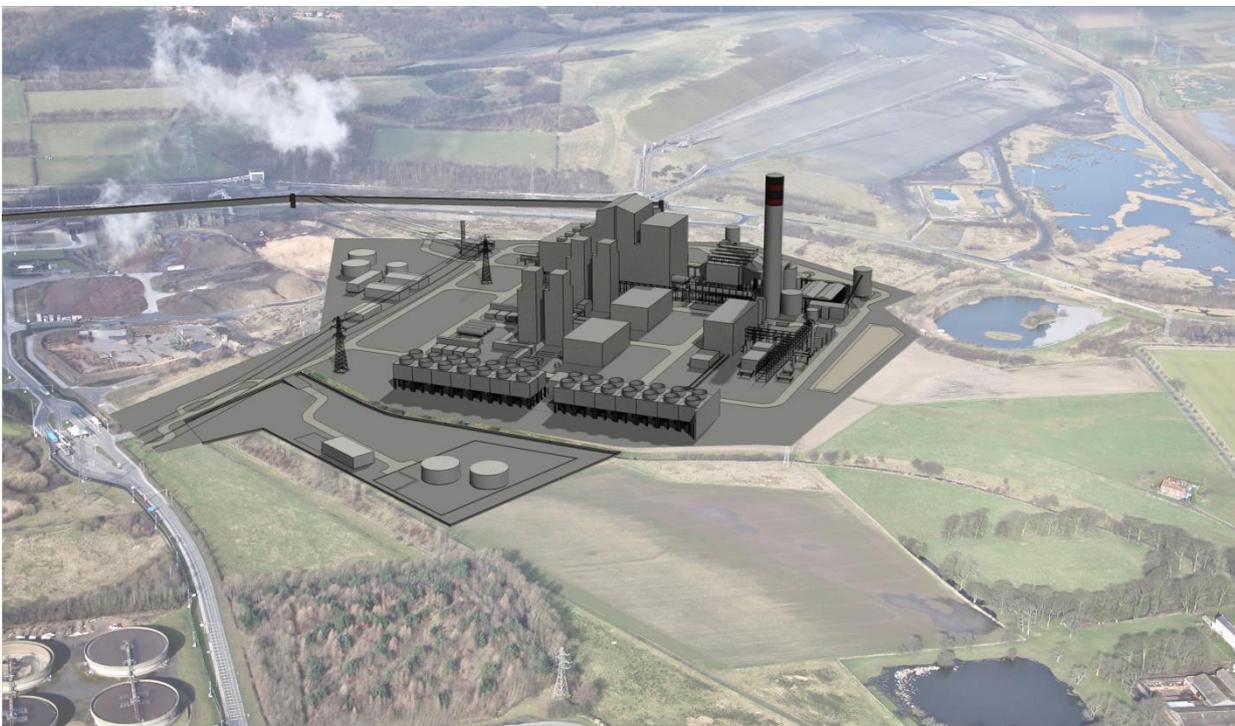
## The White Rose CCS (Generating Station) Order

Land adjacent to and within the Drax Power Station, Drax,  
near Selby, North Yorkshire

## Applicant's Statement of Common Ground with Historic England - **DRAFT**

The Planning Act 2008

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



Applicant: Capture Power Limited  
Date: May 2015

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## Document History

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<b>Glossary</b>	
CPL	Capture Power Limited.
CCS	Carbon Capture and Storage.
CO <sub>2</sub>	Carbon Dioxide.
DCO	Development Consent Order.
ES	Environmental Statement.
HE	Historic England.
LVIA	Landscape and Visual Impact Assessment.
NYCC	North Yorkshire County Council.
SM	Scheduled Monument.
SoCG	Statement of Common Ground.
SoS	Secretary of State.
the Power Station site	The existing Drax Power Station site.
the 2008 Act	The Planning Act 2008.

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## 1.0 INTRODUCTION

### OVERVIEW

- 1.1 This is the Statement of Common Ground ('SoCG') between Capture Power Limited (the 'Applicant') and Historic England ('HE') relating to the application (the 'Application') that has been made to the Secretary of State ('SoS') for a Development Consent Order ('DCO') under Section 37 of the Planning Act 2008 (the '2008 Act').
- 1.2 The Application seeks development consent for the construction, operation and maintenance of the White Rose Carbon Capture and Storage (CCS) project (the 'Project'). The Application was submitted in November 2014 and accepted for Examination on 17 December 2014.
- 1.3 The Project would be located on land within and adjacent to the operational boundary of the existing Drax Power Station site (the 'Power Station site'), near Selby, North Yorkshire.

### THE BACKGROUND TO THE PROJECT

- 1.4 The Project comprises a new thermal generating station (an ultra-supercritical oxy-fuel coal-fired power plant of up to 448 MWe gross with the ability to co-fire biomass) that will be fitted with carbon capture and storage ('CCS') technology and associated development.
- 1.5 The CCS technology would capture up 90% of the carbon dioxide emissions from the new power plant. The carbon dioxide would be transported via the National Grid Carbon Limited Yorkshire and Humber CO<sub>2</sub> Pipeline (a separate project) for permanent storage beneath the North Sea.
- 1.6 The Project forms part of the UK Government's CCS Commercialisation Programme and would assist in demonstrating new coal-fired power plant fitted with CCS at a commercial scale. The Project would make an important contribution toward the delivery of national energy policy, which is aimed at ensuring the security of energy supplies while moving toward a low carbon electricity generation mix.

### THE APPLICANT

- 1.7 The Applicant, CPL, is an English private limited company that was incorporated in December 2011 as a fully owned subsidiary of Drax CCS Limited (a company fully owned by Drax Group plc) to promote the Project.
- 1.8 In December 2013 ALSTOM UK Holdings Limited (an Alstom Group company) and The BOC Group Limited (a Linde Group company) each acquired a one-third interest in CPL. The Applicant (CPL) is therefore currently a joint venture company equally owned by Drax CCS Limited, ALSTOM UK Holdings Limited and The BOC Group Limited.

### HISTORIC ENGLAND

- 1.9 HE has a range of responsibilities in respect of England's heritage. This includes protecting heritage assets through the designation system and providing advice at national and local level.
- 1.10 HE is a statutory consultee in respect of all applications seeking a DCO that are likely to affect land in England.

### THE PURPOSE AND STRUCTURE OF THE SOCG

- 1.11 The purpose of this SoCG is to set out the agreement that has been reached between the Applicant and HE in respect of cultural heritage.
- 1.12 The SoCG also sets out any matters that are not agreed.

## 2.0 MATTERS AGREED

### IMPACT ON CULTURAL HERITAGE

- 2.1 The assessment of effects of the Project in relation to cultural heritage is set out in Environmental Statement ('ES') Volume 1, Chapters 6-8 (Document Ref. 6.2) and ES Volume 2, Chapter G Archaeology Technical Report (Document Ref. 6.3.9) and Chapter H LVIA Technical Report (Document Ref. 6.3.12).
- 2.2 During the construction phase of the Project there would be the potential for direct physical damage to known and unknown archaeology within the Project site.
- 2.3 It is agreed that potential impacts on archaeology within the Project site would be mitigated by a staged programme of archaeological work, informed by an agreed Written Scheme of Investigation ('WSI'). The Applicant has consulted on a draft WSI with the Archaeological Advisor at North Yorkshire County Council ('NYCC'). The Archaeological Advisor confirmed in September 2014 that the approach set out in the WSI to archaeological work was acceptable. The Applicant has subsequently (March 2015) agreed an updated WSI with NYCC and HE.
- 2.4 The archaeological mitigation works would be informed by the results of preliminary evaluation works carried out on the Project site in accordance with the agreed WSI. These works would focus upon areas considered to be of moderate to high archaeological potential. The works are scheduled to commence in June 2015. Following the evaluation works, it is planned that a scheme for the mitigation works would be prepared by the end of August 2015 in consultation with NYCC and HE. It is agreed that sufficient time would be left between the completion of evaluation works and the commencement of construction to permit the required mitigation to take place (an estimated minimum period of four months). It is agreed that these works be undertaken before a DCO is granted.
- 2.5 Notwithstanding the agreement of the WSI with NYCC's Archaeological Advisor, the draft DCO includes a requirement at Schedule 2 (requirement 15 'Archaeology') that would require the Applicant to obtain the approval of the relevant planning authority (following that authority having consulted with the relevant archaeological body) for a scheme of archaeological investigation at the Project site.
- 2.6 It is therefore agreed that the approach to be taken to archaeology is acceptable and that appropriate controls are in place to secure mitigation.
- 2.7 It is agreed that there would be no direct physical impact upon Drax Augustinian Priory Scheduled Monument ('SM') that is located adjacent to the Project site. However, it is agreed that there would be the potential for changes to the setting of the SM.
- 2.8 In relation to effects on views that contribute to the setting of the Drax Augustinian Priory SM and other heritage assets (e.g. Grade I and II listed buildings) it is agreed that:
  - The effects resulting from the visibility of the Project in views that contribute to the setting of heritage assets, notably the Drax Augustinian Priory SM, cannot be fully mitigated due to the Project's size and scale, which should in turn be viewed within the context of the much larger mass formed by the buildings and structures at the existing Drax Power Station site.
  - Due to the context within which the Project site sits, it is agreed that residual effects on all heritage assets are not expected to be significant. This is with the exception of the Drax Augustinian Priory SM, where moderate effects are expected while the construction laydown areas are active. Following the reinstatement of these areas to their former condition (this would be secured by requirement 22. 'Restoration of land used temporarily for construction' of the draft DCO), the effects would be of minor significance.
- 2.9 It is agreed that the introduction of landscaping between the Project site and Drax Augustinian Priory SM (along the south-west side of the SM, between Carr Dyke and the pond to the north-west - to be secured by requirement 5 'Provision of landscaping') would serve to mitigate the permanent effects on the setting of the SM. The proposed landscaping is shown upon the Indicative Landscaping and

Biodiversity Framework Plan (Document Ref. 4.9). The detail of the landscaping would be secured under requirement 5.

- 2.10 It is agreed that no further mitigation is required in respect of effects on archaeology (subject to the findings of the programme of archaeological works) or the setting of heritage assets.

### DCO REQUIREMENTS

- 2.11 It is agreed between the parties that the following requirements contained at Schedule 2 of the draft DCO provide an appropriate means by which to secure mitigation of the effects of the Project on archaeology and heritage assets:

- 5. Provision of landscaping - paragraph (2)(a) requires approval of a scheme of shrub and tree planting between Work No. 1A (the generating station site) and Drax Augustinian Priory SM.
- 15. Archaeology - requires approval (following consultation with the relevant archaeological body) of a scheme of archaeological investigation at the Project site.
- 22. Restoration of land used temporarily for construction - would secure the appropriate restoration of the construction laydown areas.

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### 3.0 MATTERS NOT AGREED

3.1 No matters have been identified that are the subject of disagreement between the Applicant and the Historic England.

Signed

Print name and position

**On behalf of Historic England**

Date . .....

Signed

Print name and position

**On behalf of the Capture Power Ltd**

Date . .....