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Dear Mr Williams

THE PLANNING ACT 2008 – SECTION 37 ‘APPLICATIONS FOR ORDERS GRANTING DEVELOPMENT CONSENT’

THE WHITE ROSE CCS (GENERATING STATION) ORDER, LAND WITHIN AND ADJACENT TO THE DRAX POWER STATION SITE, DRAX, NEAR SELBY, NORTH YORKSHIRE, YO8 8PH

On behalf of Capture Power Limited ('CPL') I am pleased to enclose an application (the 'Application') for a Development Consent Order (a 'DCO') under Section 37 of The Planning Act 2008 (the '2008 Act') in respect of the White Rose CCS Project.

CPL is seeking a DCO to authorise the construction, operation and maintenance of a new thermal generating station (an ultra-supercritical oxy-fuel coal-fired power plant of up to 448 megawatts 'MWe' gross with the ability to co-fire biomass) that will be fitted with carbon capture and storage ('CCS') technology and associated development (together the 'Project') on land within and adjacent to the existing Drax Power Station site, Drax, near Selby, North Yorkshire, YO8 8PH, within the administrative areas of Selby District Council and North Yorkshire County Council.

The Project falls within the definition and thresholds for a 'Nationally Significant Infrastructure Project' (a 'NSIP') under Sections 14 and 15(2) of the 2008 Act. It is therefore necessary for CPL to apply to the Secretary of State ('SoS') for the Department of Energy and Climate Change for 'Development Consent' for the Project under Section 31 of the 2008 Act.

The Project is being supported by the UK Government as part of its £1 billion CCS Commercialisation Programme, a key component of the 2012 'UK CCS Roadmap', which sets out the Government's strategy for developing the CCS industry. The Project is intended to demonstrate the viability of new fossil fuel electricity generating plant incorporating CCS technology on a commercial scale. This forms an important part of the Government's objective of enhancing energy security and diversity (recognising that fossil fuels will continue to form a major part of the UK energy mix for the foreseeable future), while allowing new clean fossil fuel plant to be developed as part of a low carbon energy mix, ensuring that the UK meets its CO₂ reduction commitments.

In addition, the Project would support the National Grid Carbon Limited ('NGCL') Yorkshire and Humber CCS cross-country pipeline, which would transport CO₂ captured from the combustion process for permanent storage beneath the North Sea in geological structures. It is understood that the NGCL CCS pipeline would also be used by other power generators and industrial operators in the region. The CCS pipeline and associated storage proposals are being advanced separately by NGCL (who submitted their own application for a DCO to the SoS earlier in 2014) and they do not form part of the White Rose CCS Project.

The Project Site (the 'Order Limits') comprises land within and adjacent to the boundary of the existing Drax Power Station site (the 'existing Power Station site'). The entire Project site covers an area of approximately 116 hectares. The permanent operational land area for the Project would be approximately 29 hectares. The remaining areas of the Project site would be used for various connections to infrastructure within the existing Power Station site and for temporary laydown and construction purposes.

The Application Index document (Document Ref. 1.3) lists the documents that form the Application and their compliance with relevant legislative and policy requirements.

Schedule 1 of the draft Order (Document Ref. 2.1) provides the formal description of the Project and the components for which Development Consent is sought, and identifies the individual 'Works Numbers (Works Nos.)' for these components. A detailed description of the Project is provided at Chapter 5 of the Environmental Statement (Document Ref. 6.2).

The Works Plans (Document Ref. 4.3) identify the location of the components of the Project within the Project site by reference to the Works Nos. set out in Schedule 1 of the draft Order.

The main components of the Project (with reference to the relevant Works Nos.) can be summarised as follows:

- **Work No. 1A and 1B** - site raising and preparation works to create a development platform for the generating station to an appropriate level to mitigate flood risk, and for the creation of bridges and crossings over an existing drainage ditch known as the Carr Dyke and for site access works, site raising and hardstandings for the laydown and construction areas;
- **Work No. 1A** - a generating station (the 'coal-fired power plant') located in the northern part of the Project site, to the north of the existing Power Station site, primarily fuelled by coal, but with the ability to co-fire biomass, that would be capable of generating up to 448 MWe gross of electricity, including a boiler house, steam turbine, cooling water towers, flue gas treatment systems, a flue gas emissions stack, air separation units and CO₂ processing and compression facilities;
- **Work No. 1B** - laydown and construction areas for construction and maintenance;
- **Work No. 2** - fuel intake, limestone and gypsum and fuel ash handling and transportation infrastructure, including connections with the existing Power Station site (located broadly along the western side of the Project site and existing Power Station site) for the delivery of fuel and limestone for the combustion and flue gas desulphurisation processes and the export of fuel ash for storage at the existing Barlow Mound (used for the long-term storage of fuel ash from Drax Power Station) and for the transport of gypsum;
- **Work No. 3** - fuel ash storage on part of the existing Barlow Mound forming the north-western part of the Project site and located to the north-west of the existing Power Station site;
- **Work No. 4** - a primarily underground connection to the electricity grid which would comprise one of three options. The first two are either a 132kV or 400kV cable and associated infrastructure running along the eastern side of the Project site to the existing substations located in the south-eastern part of the existing Power Station site. The third option is a 132kV cable and associated infrastructure which links to an existing overhead cable in the northern part of the existing Power Station site;
- **Work No. 5** - connections for cooling water, potable water and sewerage and related facilities between the Project site and the northern part of the existing Power Station site;
- **Work No. 6** - vegetation clearance and the creation of a new hardstanding area immediately adjacent to the existing jetty on the River Ouse, located to the east of the main Project site and the existing Power Station site, for the unloading and storage of equipment and materials delivered by barge and parking and circulation space for vehicles transporting items from the jetty to the Project site;

- **Work No. 7** - the underground diversion of an existing 11kV overhead electrical cable on the north-eastern edge of the Project site; and
- **Work No. 8** - works to the existing substations located in the south-eastern part of the existing Power Station site to facilitate the 132/400kV grid connection.

The 'associated development', for the purposes of Section 115 of the 2008 Act comprises the new hardstanding area adjacent to the existing jetty.

As part of and related to the above components, the Project also includes:

- site clearance, vegetation removal, demolition of existing structures and buildings, soil stripping and storage, bunds, embankments and earthworks;
- drainage works, culverts and wing walls;
- temporary de-watering and drainage facilities;
- lighting;
- site fencing, gates, and CCTV;
- landscaping, habitat creation and ecological mitigation;
- site compounds;
- construction-related buildings, structures, laydown, storage, plant, machinery, utilities, welfare facilities and haulage roads;
- electricity, water, wastewater, waste, gas, telecommunications and other services;
- site roads and parking areas, site access works, new site access points, and works required for the strengthening, improvement, maintenance or reconstruction of any street; and
- temporary and permanent footpaths.

It is anticipated that subject to the Order having been made by the SoS, construction work on the Project would commence in Q2 2016. The first activity carried out would be the site raising works to create the development platform for the generating station. The overall construction programme is expected to last approximately 62 months. Commissioning would take place in Q2 2021 with the Project entering operation in Q4 2021.

Schedule 2 of the draft Order contains a number of draft 'requirements' that, should the Order be made by the SoS, are intended to control the detailed design of the Project in addition to its construction and operation to ensure that it complies with the EIA carried out and does not result in unacceptable impacts. These would require the submission to and approval by the relevant planning authority of further details of the Project before work could commence within the Order Limits.

The draft Order seeks powers of compulsory acquisition in interests and rights in land (including new rights) within the Order Limits. The provisions relating to compulsory acquisition are set out at Articles 20 - 34 of the draft Order. These and other provisions of the draft Order are explained in the Explanatory Memorandum (Document Ref. 2.2). Information on the interests and rights that exist in relation to the land within the Order Limits is provided by the Book of Reference (Document Ref. 3.1). The justification for the proposed compulsory acquisition of interests and rights in land is set out in the Statement of Reasons (Document Ref. 3.2), with the Applicant's ability to fund this confirmed by the Funding Statement (Document Ref. 3.3).

The Project represents an Environmental Impact Assessment ('EIA') development and therefore the Application includes an Environmental Statement ('ES') that reports the findings of the EIA. The ES comprises of a Non-Technical Summary (Document Ref. 6.1) and ES Volumes 1, 2 and 3 (Document Refs. 6.2 - 6.4). The EIA has assessed the components of the Project that it has not been possible to fix in advance of the submission of the Application by applying the 'Rochdale Envelope' principles.



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The Applicant has consulted extensively on the Project since early 2012. This has included a stage of non-statutory consultation, followed by two stages of statutory consultation of the local community in accordance with Section 47 of the 2008 Act, in addition to consultation of prescribed persons, relevant local authorities and affected and potentially affected landownership interests and persons pursuant to Section 42, as well as wider publicity in accordance with Section 48. The consultation undertaken and how responses received to the consultation have been taken into account is documented within the Consultation Report (Document Ref. 5.1).

I enclose with this letter:

- three copies of all the Application Documents (as listed in the Application Index) in hard copy form; and
- six CDs containing all of the Application Documents.

The Consultation Report (Document Ref. 5.1) contains 'signing-in' sheets (Consultation Report Appendices 4.7, 7.13 and 7.16) from the various public exhibitions that have been held by the Applicant as part of its pre-application consultation. As these sheets contain personal information of members of the public they have been provided separately from the main body of the Consultation Report.

In addition, ES Volume 2 includes a Badger Method Statement (Document Ref. 6.3.15) and a Badger Survey (Document Ref. 6.3.16). Due to the confidential nature of both these documents they have been provided separately from the main body of ES Volume 2.

A fee of £4,500.00 has already been paid to The Planning Inspectorate by BACS. The payment reference is 9000001642.

Please do not hesitate to contact me should you have any queries regarding the Application. In the meantime, I look forward to receiving acknowledgement of the Application and in due course confirmation of its acceptance.

Yours sincerely



Geoff Bullock
PARTNER
Dalton Warner Davis LLP

Cc. Jim Doyle - CPL
Enc. x 3 hard copies and x 6 CDs of the Application