

White Rose Carbon Capture and Storage (CCS) Project

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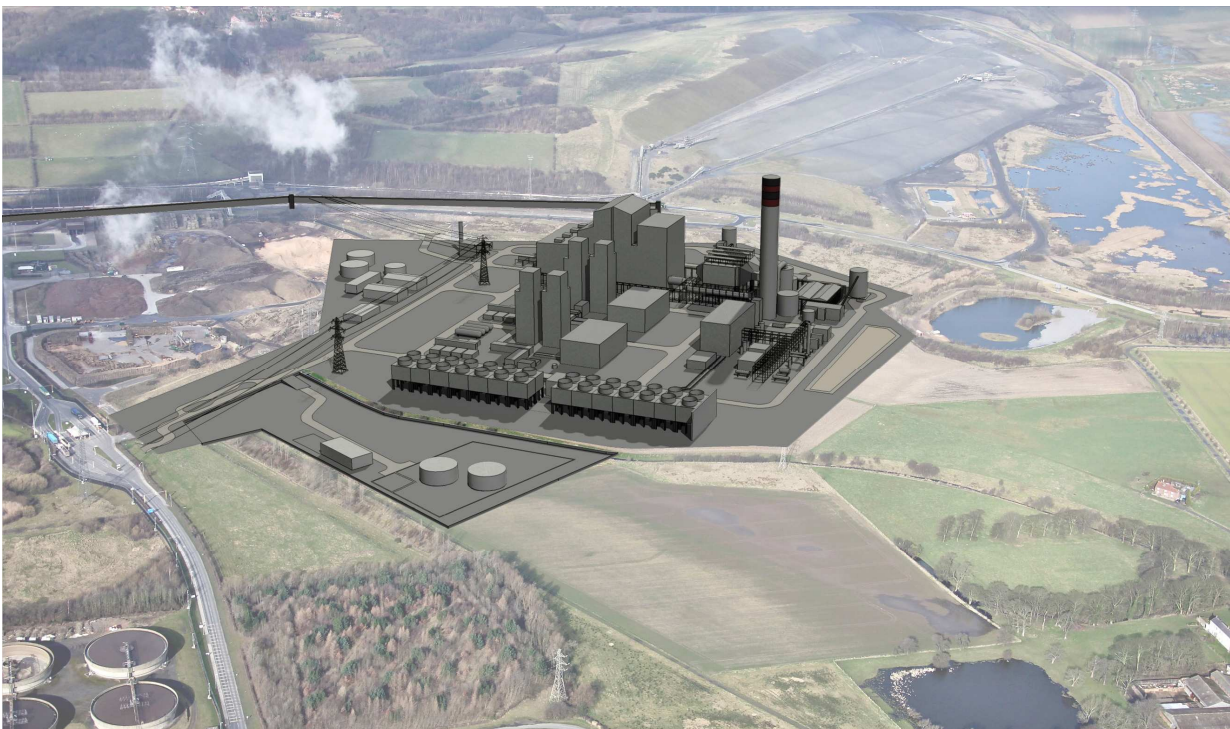
The White Rose CCS (Generating Station) Order

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

Master Glossary

The Planning Act 2008

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



Applicant: Capture Power Limited
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Document History

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Glossary of Abbreviations and Definitions	
Air mode	The mode of operation when the power plant is operating in a “conventional” air fired mode. The downstream capture of CO ₂ is not possible in this mode.
ALA	Acquisition of Land Act 1981.
AOD	Above Ordnance Datum.
AONB	Area of Outstanding Natural Beauty.
APFP Regulations	The Infrastructure Planning (Applications: Prescribed Forms and Procedure) Regulations 2009. Sets out detailed procedures that must be followed for submitting and publicising applications for Nationally Significant Infrastructure Projects.
Applicant	Capture Power Limited, or CPL. A joint venture comprised of Drax CCS Limited, ALSTOM UK Holdings Limited and The BOC Group Limited.
Application	The Application for a Development Consent Order made to the Secretary of State under Section 37 of the Planning Act 2008 in respect of the Project, required pursuant to Section 31 of The Planning Act 2008 because the Project is a Nationally Significant Infrastructure Project under Section 14(1)(a) and Section 15 of the Planning Act 2008 by virtue of being an onshore generating station in England or Wales of 50 Megawatts electrical capacity of more.
Appropriate Assessment	An assessment carried out under the Habitats Directive where a plan or project will or may have significant effects upon a European site designated for its nature conservation value.
AQCS	Air Quality Control System.
AQMA	Air Quality Management Area.
AQMAU	Air Quality Modelling and Assessment Unit.
ARoW	Access and Rights of Way Plan.
Associated Development	Defined under Section 115(2) of the Planning Act 2008 as development which is associated with the principal development i.e. the coal-fired power plant. Associated development should either support the construction or operation of the principal development, or help address its impacts. It should not be an aim in itself but should be subordinate to the principal development.
ASU	Air Separation Unit.
BAT	Best Available Technology.
Book of Reference	A reference document providing details of all land ownership interests within the Order Limits and linked to the Land Plan.
BS	British Standard.
CAA	Civil Aviation Authority.
Capture Power Limited	The Applicant. A joint venture comprised of Drax CCS Limited, ALSTOM UK Holdings Limited and The BOC Group Limited.
CCGT	Combined Cycle Gas Turbine.
CCR	Carbon Capture Ready/Carbon Capture Readiness.
CCS	Carbon Capture and Storage.
CCSA	Carbon Capture and Storage Association.
CCTV	Closed circuit television.
CDM	Construction Design and Management Regulations 2007.
CEMP	Construction Environmental Management Plan.
CHP	Combined Heat and Power.

Glossary of Abbreviations and Definitions	
CO ₂	Carbon Dioxide.
CO ₂ pipeline	The National Grid Carbon Limited CO ₂ pipelines that will be used for the onward transportation of CO ₂ captured from the combustion flows of the coal fired power plant for permanent storage beneath the North Sea.
Coal-fired power plant	The generating station forming part of the Project, primarily fuelled by coal, but with the ability to co-fire biomass, that will be capable of generating up to 448 megawatts, gross of electricity, including CO ₂ capture facilities.
COMAH Regulations	Control of Major Accident Hazards Regulations 1999.
Consents and Licences required under Other Legislation	A document setting out the other consents and licences that are required for the construction and operation of the Project and that are being advanced separately to the Development Consent Order application.
Construction Laydown Area	Land within the Project Site to be used for temporary laydown and construction areas.
Consultation Report	The report prepared by the Applicant documenting the consultation it has carried out including that required by The Planning Act 2008, and how responses to the consultation have been taken into account.
CoPA	Control of Pollution Act 1974.
CPL	Capture Power Ltd. The Applicant.
CTRTP	Construction Traffic Routing and Travel Plan.
DAS	Design and Access Statement.
dB	Decibel. Noise levels are measured using the decibel scale. This is not an additive system of units (as for example, metres or kilograms are) but a proportional system (a logarithmic progression). A change of 10 dB corresponds to a perceived doubling in loudness; changes in environmental noise of less than 3 dB are not normally regarded as noticeable.
DCC	Direct Contact Cooler.
DCLG	Department for Communities and Local Government.
DCO	A Development Consent Order made by the relevant Secretary of State pursuant to the Planning Act 2008 to authorise a Nationally Significant Infrastructure Project. A DCO does or can incorporate or remove the need for a range of consents which would otherwise be required for a development. A DCO can also include powers of compulsory acquisition.
DCS	Distributed Control System.
DECC	Department for Energy and Climate Change.
DEFRA	Department of Environment Food and Rural Affairs.
Development Consent Obligation	A legally enforceable obligation entered into under Section 106 of the Town and Country Planning Act 1990 (as amended by Section 74 of The Planning Act 2008) to mitigate the impacts of a development proposal.
DPD	Development Plan Document.
EA	Environment Agency.
EH	English Heritage.
EHS	Environment Health and Safety.
EIA	Environmental Impact Assessment. The assessment of the likely significant environmental effects of a project undertaken in accordance with the EIA Regulations.

Glossary of Abbreviations and Definitions	
EIA Regulations	The Infrastructure Planning (Environmental Impact Assessment) Regulations 2009 setting out how the EIA of Nationally Significant Infrastructure Projects must be carried out and the procedures that must be followed.
EMF	Electro Magnetic Fields.
EMS	Environmental Management System.
EN-1	Overarching National Policy Statement (NPS) for Energy.
EN-2	National Policy Statement for Fossil Fuel Electricity Generating Infrastructure.
EN-5	National Policy Statement for Electricity Networks Infrastructure.
EOR	Enhanced Oil Recovery.
EP	Environmental Permit.
EPA	The Environmental Protection Act 1990.
EPC	Engineer Procure Construct contract.
EPS	Emissions Performance Standard.
ES	The Environmental Statement documenting the findings of the EIA.
ESP	Electrostatic Precipitator.
Essential Infrastructure	Defined in the Technical Guidance to the National Planning Policy Framework (2012) as: essential transport infrastructure (including mass evacuation routes) which has to cross the area at risk, essential utility infrastructure which has to be located in a flood risk area for operational reasons, including electricity generating power stations and grid and primary substations; and water treatment works that need to remain operational in times of flood, and wind turbines.
EU	European Union.
EU ETS	European Union Emissions Trading System.
European site	A term used to refer collectively to Special Areas of Conservation, Special Protection Areas or Ramsar Sites.
Exception Test	A planning principle that requires applicants for projects in Flood Zones 2 and 3 to demonstrate that it will be safe and have wider sustainability benefits for the community
existing Power Station site	All of the land comprised within the existing Drax Power Station site.
Explanatory Memorandum	A document that explains the intended purpose and effect of a DCO and the authorisations and powers that it seeks.
FBA	Furnace Bottom Ash.
FDO	Footpath Diversion Order.
FEED	Front End Engineering and Design.
FGD	Flue Gas Desulphurisation.
FGT	Flue Gas Treatment.
Formal Consultation	Statutory consultation in accordance with S.42, 46, 47 and 48 of the Planning Act 2008.
FRA	Flood Risk Assessment.
FTE	Full Time Equivalent.
Funding Statement	A statement setting out how the Applicant intends to fund any compulsory acquisition of land required or any compensation claims made by parties that may be affected by the Project.

Glossary of Abbreviations and Definitions	
GDP	Gross Domestic Product.
GPU	Gas Processing Unit.
GW	Gigawatts.
GWe	Gigawatts electrical. A measurement of power. A gigawatt equates to 1,000 megawatts.
ha	Hectares. A metric measurement of area.
HA	Highways Agency.
HGV	Heavy goods vehicle.
Host local authorities	The local authorities whose area the Project Site (Order Limits) lies within being Selby District Council and North Yorkshire County Council.
HRA	Habitats Regulations Assessment.
HRAR	Habitats Regulations Assessment Report.
HRSA	Habitats Regulations Screening Assessment.
HSC	Hazardous Substances Consent.
HSE	The Health and Safety Executive.
IDB	Internal Drainage Board
IED	Industrial Emissions Directive.
IGCC	Integrated Gasification and Combined Cycle.
Informal Consultation	Non-statutory consultation (i.e. not carried pursuant to S.42, 46, 47 and 48 of the Planning Act 2008).
Infrastructure Corridors	Land within the Project Site that will house new water intakes, pipes and discharges, fuel conveyors and associated facilities. Most of this land is within the existing Drax Power Station site.
Km	Kilometres.
kV	Kilovolts.
Land Plan	A plan showing all of the land that is required for the Project and/or over which rights are to be sought as part of the DCO.
LCA	Landscape Character Area.
LDA	Land Drainage Act 1991.
Limits of deviation	The lateral limits shown on the Works Plan(s) and the vertical limits (upwards and downwards) determined by reference to [the section plan(s) submitted as part of the Application] and within which the Project may occur.
Local Development Plan	A statutory document or a set of documents prepared and adopted by a planning authority which set out the local policies governing development within its administrative area. The local development plan document can be made up of a number of DPDs.
Local Impact Report	A report prepared by a local authority identifying the impacts of a Nationally Significant Infrastructure Project upon its area.
LPA	Local Planning Authority.
LVIA	Landscape and Visual Impact Assessment.
LWS	Local Wildlife Site.
m	Metres.
mAOD	Metres above ordnance datum.

Glossary of Abbreviations and Definitions	
MoD	Ministry of Defence.
MW	Megawatts.
MWe	Megawatts electrical. A measurement of power.
NE	Natural England.
NER	New Entrant Reserve.
NGCL	National Grid Carbon Ltd, the promoter of the CO ₂ pipelines project.
NGET	National Grid Electricity Transmission plc.
Non-prescribed consultees	A person who there is no statutory duty to consult but who the Applicant has consulted.
Non-statutory Consultation	Informal consultation (i.e. not carried pursuant to S.42, 46, 47 and 48 of the Planning Act 2008).
NPPF	National Planning Policy Framework.
NPS	National Policy Statement.
NSIP	A Nationally Significant Infrastructure Project that must be authorised by the making of a DCO under the Planning Act 2008.
NTS	National Transmission System.
NYCC	North Yorkshire County Council.
Ofgem	Office of Gas and Electricity Markets
Operational Area	The area of land required by the Project when operational.
OPP	Oxy-Power Plant.
Order	The White Rose CCS (Generating Station) Order, being the DCO that would be made by the Secretary of State authorising the Project, a draft of which has been submitted as part of the Application.
Order Land	The land to which the Order relates and comprising of all the land within the Order Limits that is required for the Project.
Order Limits	The limits of the land to which the Application for the DCO relates and shown on the Land Plan and Works Plans within which the Project must be carried out and which is required for its construction and operation.
Other Consents and Licences document	A document setting out the other consents and licences that are required for the construction and operation of the Project that are being advanced separately to the DCO Application.
OTRTP	Operational Traffic Routing and Travel Plan.
Oxy mode	The mode of operation when the power plant is operating on oxygen rather than air allowing the downstream capture of CO ₂ .
Oxy-Power Plant	The whole power plant comprising the boiler, turbine/generator, gas clean up, gas processing unit, air separation unit, cooling water system, materials handling systems and all other balance of plant items required to generate power and deliver CO ₂ to the transport and storage system.
PCP	Post Combustion Plant.
PEI	Preliminary Environmental Information.
PEIR	Preliminary Environmental Information Report.
PFA	Pulverised Fuel Ash.
PINS	The Planning Inspectorate. A Government agency responsible for receiving and administering the acceptance and examination of applications for NSIPs on behalf of

Glossary of Abbreviations and Definitions	
	the Secretary of State.
PPG	Planning Practice Guidance.
PPGN	Planning Policy Guidance Notes.
PPS	Planning Policy Statements.
Project	The development (the White Rose CCS Project) to which the Application relates and which requires a DCO the formal description of which is at Schedule 1 of the Order.
Project site	The land corresponding to the Order Limits that is required for the construction and/or operation of the Project. This area is also referred to as the Site.
PROW	Public right of way.
Q1-4	Quarters 1 - 4. 3 month periods of each calendar year, with Q1 equating to the months of January to March inclusive and so on.
Requirements	The 'requirements' at Schedule 2 of the draft Order that, amongst other matters, are intended to control the final details of the Project as to be constructed and also to control its operation, amongst other matters to ensure that it accords with the EIA and does not result in unacceptable impacts.
Rochdale Envelope	The approach applied to the EIA of a development whereby flexibility needs to be retained in the design of the development at the consenting stage. This involves defining the maximum parameters for the Project and assessing these to ensure that the environmental effects of the Project in its final built form have been adequately assessed.
S.106 planning obligation	A legally enforceable obligation entered into under Section 106 of the Town and Country Planning Act 1990 to mitigate the impacts of a development proposal.
S/S	Substation.
SAC	Special Area of Conservation.
SCI	Statement of Community Involvement.
SCR	Selective Catalytic Reduction.
Selby DC	Selby District Council.
Sequential Test	A planning principle that seeks to identify, allocate or develop areas of land in Flood Zone 1 before area in Flood Zones 2 and 3.
SINC	Sites of Importance for Nature Conservation.
SM	Scheduled monument.
SoCC	Statement of Community Consultation.
SoCG	Statement of Common Ground.
SoS	The Secretary of State. The decision maker for DCO applications and head of Government department. In this case the SoS for the Department of Energy and Climate Change.
SPA	Special Protection Area.
SPZ	Source Protection Zone.
SSSI	Site of Special Scientific Interest.
Statement of Reasons	A statement setting out the reasons and justification for the compulsory acquisition of land or rights in land within the Order Limits.
Statutory Consultation	Formal consultation in accordance with S.42, 46, 47 and 48 of the PA 2008.
SUDS	Sustainable Urban Drainage Systems.

Glossary of Abbreviations and Definitions

SWMP	Site Waste Management Plan.
TA	Transport Assessment.
TCE	The Crown Estate.
TCPA	Town and Country Planning Act 1990.
The 2008 Act	The Planning Act 2008 which is the legislation in relation to applications for NSIPs, including pre-application consultation and publicity, the examination of applications and decision making by the Secretary of State.
The Site	The Project Site or the Order limits.
WHO	World Health Organisation.
Works Plan	Plan(s) showing the Works Numbers referred to at Schedule 1 of the Order and submitted with the Application.
WSI	Written Scheme of Investigation.
VCA	Vehicle Certificate Agency, an Executive Agency of the Department for Transport.