



NORTH LINCOLNSHIRE GREEN ENERGY PARK

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North Lincolnshire Green Energy Park

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8.2.7 Draft Statement of Common
Ground with National Grid Carbon
Ltd

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Disclaimer

A Draft SoCG relates to a SoCG that has mainly been agreed between both parties, but there are a number of issues still outstanding, and it is yet to be signed off.

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GLOSSARY

Acronym	Full term / Description
2008 Act	Planning Act 2008
AGI	Above Ground Installations
CBMF	Concrete Block Manufacturing Facility
CCUS	Carbon Capture, Utilisation and Storage
CO2	Carbon Dioxide
DCO	Development Consent Order
DHPWN	District Heating and Private Wire Network
EV	Electric Vehicle
ERF	Energy Recovery Facility
ES	Environmental Statement
H2	Hydrogen
HLCP	Humber Low Carbon Pipelines
NGV	National Grid Ventures
NLGEP	North Lincolnshire Green Energy Park
NSIP	Nationally Significant Infrastructure Project
PRF	Plastic Recycling Facility
RHTF	Residue Handling and Treatment Facility
S21	Solar 21
SoS	Secretary of State
SoCG	Statement of Common Ground
SuDS	Sustainable Drainage Systems

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1.0 INTRODUCTION

1.1 Overview

- 1.1.1 This Statement of Common Ground ('SoCG') has been prepared on behalf of North Lincolnshire Green Energy Park Limited ('the Applicant'). It forms part of the application (the 'Application') for a DCO, that has been submitted to the SoS for Business, Energy and Industrial Strategy, under Section 37 of the 2008 Act.
- 1.1.2 The Proposed Development is an ERF capable of converting up to 760,000 tonnes of non-recyclable waste into 95 MW of electricity and a CCUS facility which will treat a proportion of the excess gasses released from the ERF to remove and store carbon dioxide (CO₂) prior to emission into the atmosphere. It is described in Chapter 3: Project Description and Alternatives of the ES.
- 1.1.3 The Proposed Development meets the criteria to be considered as an NSIP under the 2008 Act, as it is a 'generating station' under section 15(2). Section 15(2) defines an NSIP as a proposed generating station which would be located within England, would not be offshore, and would have a total generating capacity of more than 50MW.

1.2 The Proposed Development

- 1.2.1 The NLGEP, located at Flixborough, North Lincolnshire, comprises an ERF capable of converting up to 760,000 tonnes of non-recyclable waste into 95 MW of electricity and a CCUS facility which will treat a proportion of the excess gasses released from the ERF to remove and store CO₂ prior to emission into the atmosphere. The design of the ERF and CCUS does not preclude future connection to the Zero Carbon Humber pipeline, when this is consented and operational, to enable the possibility of full carbon capture in the future.
- 1.2.2 The NSIP incorporates a switchyard, to ensure that the power created can be exported to the National Grid or to local businesses, and a water treatment facility, to take water from the mains supply or recycled process water to remove impurities and make it suitable for use in the boilers, the CCUS facility, concrete block manufacture, hydrogen production and the maintenance of the water levels in the wetland area.
- 1.2.3 The Project includes the following Associated Development to support the operation of the NSIP:
- a bottom ash and flue gas RHTF;
 - a CBMF;
 - a PRF;
 - a hydrogen production and storage facility;

- an EV and H2 refuelling station;
- battery storage;
- a H2 and natural gas AGI;
- a new access road and parking;
- a gatehouse and visitor centre with elevated walkway;
- railway reinstatement works including sidings at Dragonby, reinstatement and safety improvements to the 6km private railway spur, and the construction of a new railhead with sidings south of Flixborough Wharf;
- a northern and southern DHPWN;
- habitat creation, landscaping and ecological mitigation, including green infrastructure and 65 acre wetland area;
- new public rights of way and cycle ways including footbridges;
- SuDS and flood defence; and
- utility constructions and diversions.

1.2.4 The Project will also include development in connection with the above works such as security gates, fencing, boundary treatment, lighting, hard and soft landscaping, surface and foul water treatment and drainage systems and CCTV.

1.2.5 The Project also includes temporary facilities required during the course of construction including site establishment and preparation works, temporary construction laydown areas, contractor facilities, materials and plant storage, generators, concrete batching facilities, vehicle and cycle parking facilities, offices, staff welfare facilities, security fencing and gates, external lighting, roadways and haul routes, wheel wash facilities, and signage.

1.2.6 The overarching aim of the Project is to support the UK's transition to a low carbon economy as outlined in the Sixth Carbon Budget (December 2020), the national Ten Point Plan for a Green Industrial Revolution (November 2020) and the North Lincolnshire prospectus for a Green Future which is currently being developed. It will do this by enabling circular resource strategies and low-carbon infrastructure to be deployed as an integral part of the design (for example by re-processing ash, wastewater and carbon dioxide to manufacture concrete blocks) and capturing waste-heat to supply local homes and businesses with heat via a district heating network.

1.3 Parties to this Statement of Common Ground

1.3.1 This Statement of Common Ground is between the North Lincolnshire Green Energy Park and National Grid Carbon Ltd (NGCL).

- 1.3.2 NGCL, as part of National Grid Ventures, is a division of National Grid plc, responsible for both developing and operating businesses in its UK and US territories, and is proposing to develop Humber Low Carbon Pipelines (HLCP).
- 1.3.3 The HLCP project intends to establish a terrestrial pipeline network in the region in order to:
- transport captured CO₂ emissions from major industrial emitters in the Humber region; and
 - transport low carbon H₂ for use as a more environmentally friendly alternative to fossil fuels
- (the HLCP Project).
- 1.3.4 The HLCP Project forms the backbone of Zero Carbon Humber (ZCH), which is part of the East Coast Cluster (ECC), one of two clusters chosen by Government for deployment by the mid-2020s. The ECC unites ZCH and Net Zero Teesside with shared offshore infrastructure that will be developed by the Northern Endurance Partnership
- 1.3.5 The HLCP Project is in the pre-application stage, with stakeholder engagement underway. This includes dialogue with the Planning Inspectorate over the potential form and content of its associated future DCO application, which will be inclusive of the terrestrial environment only to Mean Low Water Springs (PINs ref: EN070006).
- 1.3.6 In Autumn 2021, NGCL held a non-statutory consultation seeking feedback on a number of potential network configurations in respect of the proposed CO₂ and H₂ pipelines. This formed the basis of a preferred route corridor announcement by NGCL in Spring 2022.
- 1.3.7 From 31 October to 5 December 2022, NGCL held a statutory consultation seeking feedback on the preferred route alignment for the new pipelines, the above ground installations, the potential impacts of the HLCP Project during construction, operation and decommissioning, the Preliminary Environmental Information Report and the proposals for the HLCP Project as a whole. NGCL is now in the process of recording and considering the feedback received in response to the consultation, with a DCO application proposed for early / mid 2023.

1.4 The Purpose and Structure of this Document

- 1.4.1 The purpose of this document is to summarise clearly the agreements reached between the parties on matters relevant to the examination of the Application and to assist the Examining Authority in their determination of the Application. It has been prepared with regard to the guidance in 'Planning Act 2008: examination of application for development consent' (Department for Communities and Local Government, March 2015).

1.4.2 The document is structured as follows:

- Section 2 – sets out the key correspondence and engagement between the parties up until the submission of the Application; and,
- Section 3 – sets out the matters agreed and matters outstanding between the parties during the pre-application stage in respect of the Application.

2.0 SUMMARY OF ENGAGEMENT

2.1.1 The below Table 2.1 contains a record of key correspondence and engagement between the Applicant and National Grid Carbon Ltd pertinent to this SoCG.

Table 2.1: Summary of Correspondence and Engagement

Date	Attendance	Topics Covered
10/06/2021	National Grid Ventures (NGV), Solar21 (S21) Applicant,	Introducing NLGEP
09/09/2021	National Grid Ventures (NGV), Solar21 (S21) Applicant,	Connection to carbon pipeline
03/10/2022	National Grid Ventures (NGV), Solar21 (S21) Applicant,	Connection options
02/12/2022	-	Submitted response to Humber Low Carbon Pipelines project Statutory Consultation.

3.0 MATTERS

3.1.1 The matters below are correct at the date of 15 December 2022.

3.2 Applicant's Position

3.2.1 The Applicant has been carrying out engagement with NGCL since June 2021 regarding future connection into the HLCP Project. Most recently, the Applicant has submitted a response to NGCL's statutory consultation.

3.2.2 The Applicant acknowledges that the proposed HLCP Project route does not connect directly with the NLGEP pipelines but have proposed within its consultation response options that would achieve this connection point between the two projects. A connection route could not be included in

NLGEP's DCO application as HLCP hadn't chosen their preferred route at the time of making the application.

- 3.2.3 NLGEPs position, as set out in the consultation response, is that HLCP gives this due consideration and that they engage in further discussion regarding this proposed change. It is noted that to secure full connection to the HLCP project, an additional consent, separate to the DCO will be required.

3.3 National Grid Carbon Limited's Position

- 3.3.1 The HLCP Project has been designed around those projects which formed part of the ZCH consortium bid for funding through the Industrial Strategy Challenge Fund. NLGEP is not part of that consortium, nor is it listed amongst the individual projects (industry, power, hydrogen) announced by the Government on 12 August 2022 as proceeding to the evaluation stage of the Phase-2 cluster sequencing process for connection to the ECC. For these reasons, the HLCP Project has not been designed with an initial connection to NLGEP in mind. The HLCP Project is, however, being designed to seek to facilitate potential connections to the network from emitters at a later date.
- 3.3.2 NGCL notes the Applicant's response to the HLCP Project statutory consultation dated 2 December 2022 and is considering the matters raised in that response. NGCL would also welcome further discussion with the Applicant regarding its proposed routeing solutions, including the feasibility work undertaken, engineering constraints considered and technical assumptions applied (e.g., the assumed operating pressure of the pipelines) in developing those solutions.

4.0 SIGNATURES

4.1.1 This Statement of Common Ground is agreed:

On behalf of National Grid Carbon Ltd:

Name: XXXX

Signature: XXXX

Date: XX

On behalf of the Applicant:

Name: XXXXX

Signature: XXXX

Date: XXXXX

DRAFT