

The Eggborough CCGT Project

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The Eggborough CCGT (Generating Station) Order

Land at and in the vicinity the Eggborough Power Station site,
near Selby, North Yorkshire, DN14 0BS

**Applicant's Statement of Common Ground with National Grid Gas
Plc (NGG) & National Grid Electricity Transmission Plc (NGET) -
Rev. 3.0**

The Planning Act 2008



Applicant: Eggborough Power Limited
Date: March 2018

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GLOSSARY

Abbreviation	Description
AGI	Above Ground Installation
CEC	Connection Entry Capacity
DCO	Development Consent Order
EPL	Eggborough Power Limited
kV	kilovolt
m	metres
MW	megawatts
NGET	National Grid Electricity Transmission Plc
NGG	National Grid Gas Plc
NTS	National Transmission System
NYCC	North Yorkshire County Council
Order limits	The Proposed Development Site
SDC	Selby District Council
SoS	Secretary of State
TEC	Transmission Entry Capacity
the Applicant	Eggborough Power Limited
the Site	The Proposed Development Site

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1.0 INTRODUCTION

Overview

- 1.1 This Statement of Common Ground has been prepared on behalf of Eggborough Power Limited ('EPL' or the 'Applicant'). It forms part of the documentation submitted in support of the examination of the application (the 'Application') for a Development Consent Order (a 'DCO'), that has been submitted to the Secretary of State (the 'SoS') for Business, Energy and Industrial Strategy, under section 37 of 'The Planning Act 2008' (the 'PA 2008').
- 1.2 EPL is seeking development consent for the construction, operation and maintenance of a new gas-fired electricity generating station with an output capacity of up to 2,500 megawatts ('MW'), including electrical and water connections, a new gas supply pipeline and other associated works (the 'Project' or 'Proposed Development') on land within and to the north of the existing Eggborough coal-fired power station, near Selby, North Yorkshire.

The Site

- 1.3 The Proposed Development Site (the 'Site' or the 'Order limits') is located at and within the vicinity of Eggborough coal-fired power station south of Selby. The River Aire is located just to the north of the Site. The A19 road is immediately to the west. Eggborough Village situated to the south-west.
- 1.4 The entire Site lies within the administrative boundaries of Selby District Council ('SDC') and North Yorkshire County Council ('NYCC').
- 1.5 The coal-fired power station was officially opened in 1970 and comprises four coal-fired boiler units, which together are capable of generating up to 2,000 MW of electricity. The coal-fired power station also includes a turbine hall and boiler house, an emissions stack (chimney) of approximately 198 metres ('m') in height, eight concrete cooling towers of approximately 113 m in height, an administration and control block, coal stock yards and a dedicated rail line for the delivery of coal, in addition to ancillary buildings, structures and infrastructure and utility connections.
- 1.6 The Site itself extends to approximately 102.5 hectares and comprises land within the operational area of the existing coal-fired power station for the new generating station and electrical connection, in addition to corridors of land outside this area for the water connections and gas supply pipeline.
- 1.7 The land required for the generating station and electrical connection is owned by EPL, as well as the majority of the land for water connections, although it should be noted that the sub station is in the leasehold ownership of National Grid Electricity Plc. The land required for the gas supply pipeline is not owned by EPL.
- 1.8 The area surrounding the Site is predominantly flat and for the most part comprises agricultural land interspersed with small settlements and farmsteads. The area is however crossed by transport infrastructure, notably the A19 and railway lines, including the East Coast Mainline, in addition to overhead electricity lines associated with the coal-fired power station and other power stations within the wider area.

The Proposed Development

1.9 The main components of the Proposed Development are summarised below:

- an electricity generating station fuelled by natural gas with an electrical output capacity of up to 2,500 MW located on the main coal stock yard area of the coal-fired power station, comprising:
 - a combined cycle gas turbine ('CCGT') plant, comprising up to three CCGT units, including turbine and heat recovery steam generator buildings, emissions stacks, cooling towers and cooling water treatment plant, administration/control building, ancillary buildings, plant and equipment;
 - a peaking plant and black start plant fuelled by natural gas with a combined electrical output of up to 299 MW, emissions stacks and ancillary buildings, plant and equipment; and
 - other ancillary buildings, enclosures, plant, equipment and infrastructure connections and works;
- electrical connection works, comprising up to 400 kilovolt ('kV') underground cables to the existing National Grid 400 kV substation and works within the substation;
- cooling water connection works, comprising works to the existing cooling water supply and discharge pipelines and intake and outfall structures within the River Aire;
- raw and towns water supply connection works, comprising works to the existing towns water pipelines and ground water boreholes and pipelines;
- an underground gas supply pipeline connecting to the National Transmission System ('NTS') for gas of up to 1,000 millimetres (nominal bore) in diameter and approximately 4.7 km in length running north, under the River Aire, to a connection point with the NTS to the south-west of Burn Village; and
- an 'Above Ground Installation' ('AGI') to the south-west of Burn Village for the connection of the gas supply pipeline to the NTS.

1.10 The Proposed Development also includes a temporary construction laydown area for the accommodation of plant and materials and contractors compounds and facilities during the construction phase, which would last for approximately three years. This would be provided on land within the operational area of the coal-fired power station, north of the main coal stock yard.

1.11 In addition, land would be set aside adjacent to the new generating station to accommodate any future carbon capture plant, should the deployment of such technology become viable in the future. It is proposed that this 'reserve' land would be provided on the area to be used for temporary construction and laydown area during construction of the Proposed Development.

The Purpose and Structure of this Document

1.12 The purpose of this SoCG is to set out the agreement that has been reached between EPL and both National Grid Gas Plc ('NGG') and National Grid Electricity Transmission Plc ('NGET') in respect of the following matters:

- Grid Connection;

- Gas Connection;
- Land matters and interference with assets owned by NGG and NGET;

1.13 Section 2 sets out the areas of agreement in relation to the above matters while Section 3 sets out the matters that are not agreed at this stage.

2.0 AGREED MATTERS

2.1 The parties are agreed on the following matters:

Grid Connection

- 2.2 EPL has an existing connection agreement with NGET in relation to the existing coal-fired power station.
- 2.3 Following discussions between EPL and NGET (during April and May 2017), EPL submitted an application to modify the existing connection agreement (known as a 'mod app') on 26 July 2017 and this was deemed competent by NGET on 24 August 2017 ("Mod App 1").
- 2.4 Mod App 1 does not relate directly to the Proposed Development, but seeks to maintain the current connection values of the existing coal-fired power station (known as the Connection Entry Capacity (CEC) and Transmission Entry Capacity (TEC)), carry out modifications to the 400kV substation connections so as to facilitate the repowering of the existing coal-fired power station site, and make provision for battery storage (a separate project which EPL is also progressing).
- 2.5 An offer from NGET in relation to Mod App 1 was agreed between both parties on 26 September 2017.
- 2.6 EPL has submitted a second mod app to permit the Proposed Development to connect to the National Grid ("Mod App 2"). This was deemed competent by NGET on 16 November 2017 and an offer from NGET in relation to Mod App 2 was received from NGET on 15 February 2018. EPL have up until 15 May 2018 to accept this offer.

Gas Connection

- 2.7 Meetings between EPL and NGG have been taking place since July 2016.
- 2.8 An application for a Planning and Advanced Reservation of Capacity Agreement (PARCA) was submitted to NGG on 19 April 2017 and was accepted and deemed technically competent on 26 April 2017. NGG issued a formal start date letter for the application on 30 May 2017.
- 2.9 A PARCA Phase One Output Report (National Grid Ref: Eggborough PARCA_TGC/10097_10) was issued to EPL by NGG on 30 November 2017. This output report and supporting analysis confirms that the required gas capacity is available at the chosen supply point (Feeder 29). EPL formally reserved this gas exit capacity and this was accepted by NGG on 3 January 2018 under the PARCA agreement between National Grid Gas (plc) and Eggborough Power Limited dated 30th November 2017.
- 2.10 This deals with reservation of Gas Transmission System Capacity only. The physical connection of the Authorised Development to the Gas Transmission Network will be authorised under a Gas Connection Agreement. The physical works to connect to the Gas Transmission Network (comprised within Work Number 7A of Schedule 1 of the DCO and Works Plans sheet 6) are proposed by EPL to be carried out by NGG under Article 6 of the DCO. The approval of the physical works of connection to the Gas Transmission Network will be agreed between EPL and NGG through the two stage Gas Connection Agreement process. A Gas Connection Application has been received

from EPL on 1st December 2017 and has been deemed competent by National Grid as a valid application.

- 2.11 The minimum timescale for a Gas Connection Agreement to be put in place from receipt of a competent application is 9 months, 3 months for initial design/feasibility studies, which will now be starting in due course and thereafter a 6 month period for conceptual detailed design/programming. EPL have two 3 month periods in which to make decisions on whether to proceed at the end of the first and second stage processes, potentially extending the timescales to between 9 and 15 months before a Gas Connection Agreement is put in place. Construction follows thereafter in accordance with the Connection Agreement.

Land matters and interference with assets owned by NGG and NGET

- 2.12 NGG and NGET submitted a Relevant Representation to the Secretary of State, which lists the apparatus that both entities have within and in the vicinity of the Order Limits. NGG and NGET consider the apparatus to be extensive.
- 2.13 The parties agree that apparatus which is owned and operated by NGG and NGET is located within, and in the vicinity of, the Order Limits adjoining the areas where construction of the Authorised Development will be carried out.
- 2.14 The parties agree that protective provisions are required in order to protect NGG and NGET's assets and the parties have agreed terms in order to address and secure the removal of National Grid's objection to the Order. The parties entered in to an Asset Protection Agreement, which includes the agreed form of protective provisions, on 28 February 2018. National Grid subsequently withdrew its objection to the Order by way of letter dated 10 March 2018, as issued to the Planning Inspectorate on 12 March 2018.
- 2.15 It is agreed that it is not required to include protective provisions on the face of the Order specifically for the benefit of National Grid. The parties will rely on the provisions contained in the Asset Protection Agreement and in Part 1 of Schedule 12 of the draft Order.

3.0 AREAS OF DISAGREEMENT

3.1 There are no areas of disagreement between the parties.

Signed 

Print name and position Geoff Bullock, Partner

On behalf of Eggborough Power Limited

Date 14/03/18

Signed 

Print name and position A. WALTERS

On behalf of National Grid Gas Plc

Date 14/03/18

Signed 

Print name and position A. WALTERS

On behalf of National Grid Electricity Transmission Plc

Date 14/03/18