

## VPI Immingham OCGT Project

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### The Immingham Open Cycle Gas Turbine Order

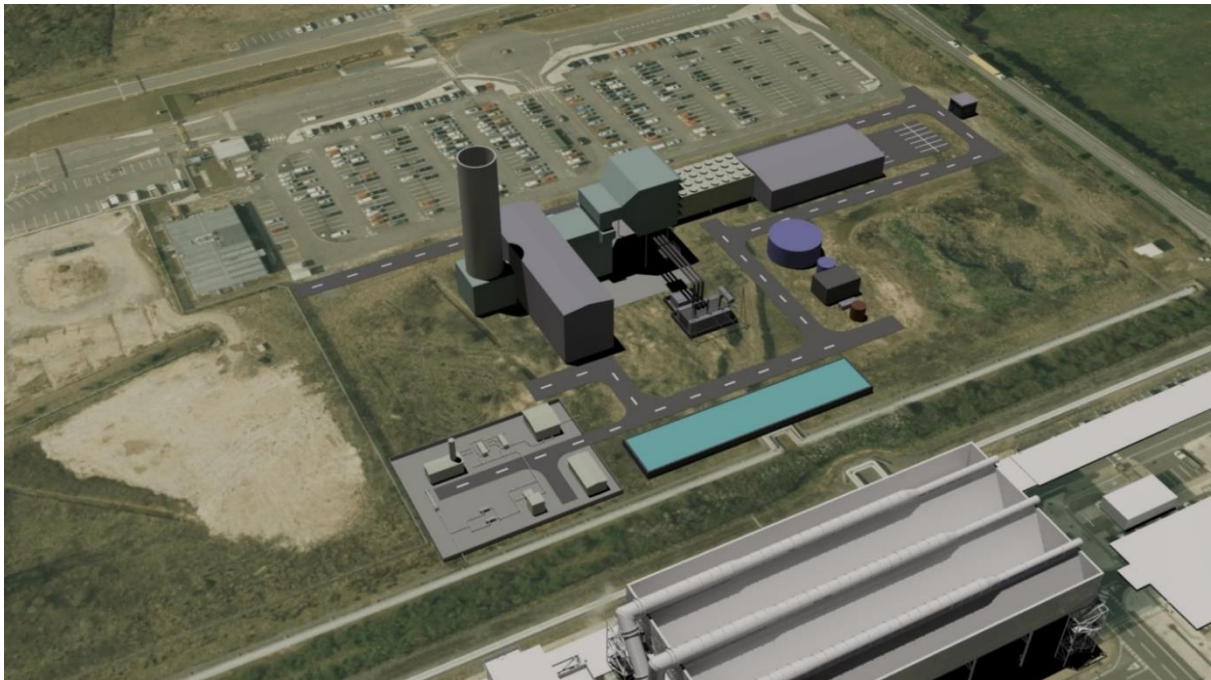
Land to the north of and in the vicinity of the VPI Immingham Power Station, Rosper Road, South Killingholme, Lincolnshire, DN40 3DZ

## Other Consents and Licences

The Planning Act 2008

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

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Applicant: VPI Immingham B Ltd

Date: September 2019

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## DOCUMENT HISTORY

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## GLOSSARY

<b>Abbreviation</b>	<b>Description</b>
Access	Work No. 2 – access works comprising access to the OCGT Power Station Site and access to Work Nos. 3, 4, 5 and 6;
Access Site	The land required for Work No.2.
AGI	Above Ground Installation
Applicant	VPI Immingham B Ltd
Application	The Application for a Development Consent Order made to the Secretary of State under Section 37 of the Planning Act 2008.
CEMP	Construction Environmental Management Plan
CHP	Combined Heat and Power
DCO	Development Consent Order
EA	Environment Agency protection and enhancement of the environment in England.
EIA	Environmental Impact Assessment
Electrical Connection	Work No. 5 – an electrical connection of up to 400 kilovolts and controls systems.
Electrical Connection Site	The land required for Work No.5.
ES	Environmental Statement – a report in which the process and results of an Environmental Impact Assessment are documented.
Existing AGI	The exiting AGI within the Existing VPI CHP Site.
Existing AGI Site	The land comprising the existing AGI within the Existing VPI CHP Site.
Existing Gas Pipeline	An existing underground gas pipeline owned by VPI LLP connecting the Existing AGI Site to an existing tie in the National Grid (NG) Feeder No.9 located to the west of South Killingholme.
Existing Gas Pipeline Site	The land comprising the Existing Gas Pipeline and a stand-off either side of it.
Existing VPI CHP Plant	Existing VPI Immingham Power Station
Existing VPI CHP Plant Site	The land comprising the Existing VPI CHP Plant, located immediately to the south of the Main OCGT Power Station Site.
FRA	Flood Risk Assessment
Gas Connection	Work No. 4 – the new underground and overground gas pipeline
Gas Connection Site	The land required for Work No.4.
km	Kilometre – unit of distance.

<b>Abbreviation</b>	<b>Description</b>
m	Metres – unit of distance.
MW	Megawatts – unit of energy.
NELC	North East Lincolnshire Council
NG	National Grid
NLC	North Lincolnshire Council
NSIP	Nationally Significant Infrastructure Project
OCGT	Open Cycle Gas Turbine
OCGT Power Station	Work No. 1 – an OCGT power station with a gross capacity of up to 299MW.
OCGT Power Station Site	The land required for Work No.1.
PA 2008	Planning Act 2008
PINS	Planning Inspectorate
Project Land	The land required for the Proposed Development (the Site) and the land comprising the Existing Gas Pipeline Site. The Project Land is the same as the 'Order land' (in the DCO).
Proposed Development	The construction, operation and maintenance of a new gas-fired electricity generating station with a gross output capacity of up to 299 MW, including electrical and gas supply connections, and other associated development.
Site	The land required for the Proposed Development, and which is the same as the 'Order limits' (in the DCO).
SoS	The Secretary of State
Temporary Construction and Laydown	Work No. 3
Temporary Construction and Laydown Site	Land Required for Work No. 3.
Utilities and Services Connections	Work No 6
Vitol	Vitol Group – the owner of VPI LLP and VPIB.
VPIB	VPI Immingham B Limited – the Applicant
VPI LLP	VPI Immingham LLP – the owner and operator of the Existing VPI CHP Plant.
Work No.1	An OCGT power station (the 'OCGT Power Station') with a gross capacity of up to 299MW.
Work No.2	Access works (the 'Access Site'), comprising access to the Main OCGT Power Station Site and access to Work Nos. 3, 4, 5 and 6.
Work No.3	Temporary construction and laydown area
Work No.4	An underground and overground gas pipeline
Work No.5	An electrical connection (the 'Electrical Connection') of up to 400 kilovolts and control systems.
Work No.6	Utilities and services connections (the 'Utilities and Services Connections').

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## 1. INTRODUCTION

### 1.1 Overview

- 1.1.1 This Other Consent and Licences document (Application Document Ref: 5.2) has been prepared on behalf of VPI Immingham B Ltd ('VPIB' or the 'Applicant'). It forms part of the application (the 'Application') for a Development Consent Order (a 'DCO') 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').
- 1.1.2 VPIB is seeking development consent for the construction, operation and maintenance of a new gas-fired electricity generating station with a gross output capacity of up to 299 megawatts ('MW'), including electrical and gas supply connections, and other associated development (the 'Proposed Development'). The Proposed Development is located primarily on land (the 'Site') to the north of the existing VPI Immingham Power Station, Rosper Road, South Killingholme, North Lincolnshire, DN40 3DZ.
- 1.1.3 A DCO is required for the Proposed Development as it falls within the definition and thresholds for a 'Nationally Significant Infrastructure Project' (a 'NSIP') under section 14(1)(a) and sections 15(1) and 15(2) of the PA 2008. The DCO, if made by the SoS, would be known as the 'Immingham Open Cycle Gas Turbine Order' (the 'Order').

### 1.2 VPI Immingham LLP and VPIB

- 1.2.1 VPI Immingham LLP ('VPI LLP') owns and operates the existing VPI Immingham Power Station, one of the largest combined heat and power ('CHP') plants in Europe, capable of generating 1,240 MW (about 2.5% of UK peak electricity demand) and up to 930 tonnes of steam per hour (hereafter referred to as the 'Existing VPI CHP Plant'). The steam is used by nearby oil refineries to turn crude oil into products, such as gasoline. The land comprising the Existing VPI CHP Plant is hereafter referred to as the 'Existing VPI CHP Plant Site'.
- 1.2.2 VPI LLP is a wholly owned subsidiary of the Vitol Group ('Vitol'), founded in 1966 in Rotterdam, the Netherlands. Since then Vitol has grown significantly to become a major participant in world commodity markets and is now the world's largest independent energy trader. Its trading portfolio includes crude oil, oil products, liquid petroleum gas, liquid natural gas, natural gas, coal, electricity, agricultural products, metals and carbon emissions. Vitol trades with all the major national oil companies, the integrated oil majors and independent refiners and traders. For further information on VPI LLP and Vitol please visit:
- <https://www.vpi-i.com/>
- 1.2.3 VPIB has been formed as a separate entity for the purposes of developing and operating the Proposed Development.

### 1.3 The Site

- 1.3.1 The Site is primarily located on land immediately to the north of the Existing VPI CHP Plant Site, as previously stated. Immingham Dock is located approximately 1.5 kilometres ('km') to the south east of the Site at its closest point. The Humber ports facility is located approximately 500 metres ('m') north and the Humber Refinery is located approximately 500m to the south.

- 1.3.2 The villages of South Killingholme and North Killingholme are located approximately 1.4 km and 1.6 km to the west of the Site respectively, and the town of Immingham is located approximately 1.8 km to the south east. The nearest residential property comprises a single house off Marsh Lane, located approximately 325 m to the east of the Site.
- 1.3.3 The Site comprises the following main parts:
- OCGT Power Station Site;
  - Access Site;
  - Temporary Construction and Laydown Site;
  - Gas Connection Site;
  - Electrical Connection Site; and
  - Utilities and Services Connections Site.
- 1.3.4 The Site is located entirely within the boundary of the administrative area of North Lincolnshire Council ('NLC'), a unitary authority. The different parts of the Site are illustrated in the Works Plans (Application Document Ref: 4.3).
- 1.3.5 A more detailed description of the Site is provided in Environmental Statement ('ES') Volume I (Application Document Ref: 6.2). Chapter 3 'Description of the Site'.

## **1.4 The Existing Gas Pipeline**

- 1.4.1 In addition to the Site, the Application includes provision for the use of an existing gas pipeline (the 'Existing Gas Pipeline') to provide fuel to the Proposed Development. The Existing Gas Pipeline was originally constructed in 2003 to provide fuel to the Existing VPI CHP Plant. The route of the pipeline runs from a connection point at an above ground installation (the 'Existing AGI Site') within the Existing VPI CHP Plant Site to a tie in point at the existing National Grid ('NG') Feeder No.9 pipeline located to the west of South Killingholme.
- 1.4.2 A small part of the Existing Gas Pipeline Site lies within the administrative area of North East Lincolnshire District Council ('NELC'), the neighbouring local authority.
- 1.4.3 The Applicant is not seeking consent to carry out any works to the Existing Gas Pipeline and, as a result, it does not form part of the Site or Proposed Development. It is included in the Application on the basis that the Applicant is seeking rights to use and maintain the pipeline and it is therefore included within the DCO 'Order land' (the area over which powers of compulsory acquisition or temporary possession are sought). The area of land covered by the Existing Gas Pipeline, including a 13 m stand-off either side of it to provide for access and any future maintenance requirements, is hereafter referred to as the 'Existing Gas Pipeline Site'.
- 1.4.4 The Site and the Existing Gas Pipeline Site are collectively referred to as the 'Project Land'. The area covered by the Project Land is illustrated in the Location Plan (Application Document Ref: 4.1).
- 1.4.5 The Existing Gas Pipeline has not been assessed as part of the Environmental Impact Assessment ('EIA') carried out in respect of the Application. This is on the

basis that it is a pre-existing pipeline and the Applicant is not seeking consent to carry out any works to it. Further explanation in respect of this matter is provided in ES Volume 1, Chapter 1 'Introduction' and Chapter 3 'Description of the Site' (Application Document Ref: 6.2.3).

## **1.5 The Proposed Development**

1.5.1 The main components of the Proposed Development are summarised below, as set out in the draft DCO (Application Document Ref: 2.1):

- Work No. 1 – an OCGT power station (the 'OCGT Power Station') with a gross capacity of up to 299MW;
- Work No. 2 – access works (the 'Access'), comprising access to the OCGT Power Station Site and access to Work Nos. 3, 4, 5 and 6;
- Work No. 3 – temporary construction and laydown area ('Temporary Construction and Laydown') comprising hard standing, laydown and open storage areas, contractor compounds and staff welfare facilities, vehicle parking, roadways and haul routes, security fencing and gates, gatehouses, external lighting and lighting columns;
- Work No. 4 – gas supply connection works (the 'Gas Connection') comprising an underground and/or overground gas pipeline of up to 600 millimetres (nominal internal diameter) and approximately 800 m in length for the transport of natural gas from the Existing Gas Pipeline to Work No. 1;
- Work No. 5 – an electrical connection (the 'Electrical Connection') of up to 400 kilovolts and associated controls systems; and
- Work No 6 – utilities and services connections (the 'Utilities and Services Connections').

1.5.2 It is anticipated that subject to the DCO having been made by the SoS and a final investment decision by VPIB, construction work on the Proposed Development would commence in early 2021. The overall construction programme is expected to last approximately 21 months and is anticipated to be completed in late 2022, with the Proposed Development entering commercial operation later that year or early the following year

1.5.3 A more detailed description of the Proposed Development is provided at Schedule 1 'Authorised Development' of the draft DCO (Application Document Ref: 2.1) and ES Volume I, Chapter 4 'The Proposed Development' (Application Document Ref: 6.2).

1.5.4 The areas within which each of the main components of the Proposed Development are to be built are shown by the coloured and hatched areas on the Works Plans (Application Document Ref: 4.3).

## **1.6 The purpose and structure of this document**

1.6.1 The purpose of this document is to provide information on the other consents and licences that are or may be required under other legislation for the construction and operation of the Proposed Development.

- 1.6.2 The document lists the type of consent/licence required, the relevant consenting body, any agreement that has been reached with that body, actions to be undertaken and the status of the relevant application (e.g. whether the consent/licence has been granted or the anticipated application submission date).
- 1.6.3 This document will be updated by VPIB, as required, during the examination of the Application by the SoS and documents that have been superseded will be clearly identified as such.
- 1.6.4 The relevant consents and licences that are required are listed in Section 2 of this report.



## **2. OTHER CONSENTS AND LICENCES**

- 2.1.1 Information on the other consents that it is considered will be required under other legislation for the construction and operation of the Proposed Development is set out in Table 2.1 on the following pages.

Table 2.1: Other Consents and Licences

No.	Consent/licence	Relevant body	Comments/agreements	Application status/ action required	Anticipated submission date/ timescales
1.	Electricity Generation Licence - Section 6 of The Electricity Act 1989 (licences authorising supply, etc.).	Gas and Electricity Markets Authority (OFGEM)	Required for the generation of electricity by the OCGT Power Station (Work No. 1).	VPIB to apply for a licence	Application to be submitted Q3 2019  Draft application made on 6 <sup>th</sup> July 2019 however was deemed 'Not Duly Made' by Ofgem due to their Applications Regulations being revoked on 5 <sup>th</sup> July 2019 and replaced with new Regulations. A new Application will be submitted in Q3 2019.
2.	Greenhouse Gas Permit - Greenhouse Gas Emissions Trading Scheme Regulations 2012	Environment Agency ('EA')	Required for the emission of carbon dioxide from the OCGT Power Station (Work No. 1).	VPIB to apply for a Permit	Application to be submitted prior to commissioning of the Proposed Power Plant.
3.	Environmental Permit - The Environmental Permitting (England and Wales) Regulations 2016	EA	Required for the operation of the OCGT Power Station (Work No. 1).	VPIB to apply for a Permit	Application to be submitted Q2 2019

No.	Consent/licence	Relevant body	Comments/agreements	Application status/ action required	Anticipated submission date/ timescales
					<p>EA to advise on determination timescale</p> <p>The Environmental Permit application was submitted to the Environment Agency on 24th April 2019. On 26th June a letter was received from the EA to explain that they are experiencing a large backlog, and had yet to allocate the application to a determining officer. Further correspondence was promised when this had been done, with a view to "Duly Making" the application. No further correspondence has been received from the EA since this date.</p>

No.	Consent/licence	Relevant body	Comments/agreements	Application status/ action required	Anticipated submission date/ timescales
4.	Bilateral Connection Agreement for connection to National Grid substation	National Grid Electricity Transmission Plc ('NGET')	Required for the Proposed Electrical Connection (Work No. 5) in respect of connection to NGET substation.	Grid Connection Application to be made	Application to be submitted Q2 2020
5.	Planning and Advanced Reservation of Capacity Agreement ('PARCA') for reservation of gas from the National Transmission System ('NTS')	National Grid Gas Plc ('NGG')	Required in connection with the Gas Connection (Work No.4).	A PARCA may be required dependent on commercial arrangement with VPI LLP and NGG. Subject to discussion with NGG.	NGG to advise.
6.	Environmental Permit (for discharge to surface water) - The Environmental Permitting (England and Wales) Regulations 2016	The Environment Agency ('EA')	May be required for discharge of uncontaminated surface water from the construction site if this lasts for more than 3 continuous months	No action required at present. This would be sought prior to construction if required by the contractor	The EA specify that the application should not be earlier than 3 months prior to when it is required during construction
7.	Land Drainage Consent - Sections 23 and 66 of The Land Drainage Act 1991 (prohibition on obstructions etc. in watercourses, known as land drainage consent)	Internal Drainage Board	Consents are required for crossing/working within minor water courses.	Discussions with IDB ongoing but surface water discharge at greenfield run off rates envisaged to be permitted subject to a consent application in accordance with Section 66 (Drainage Bylaws) of the Land Drainage Act 1991	Application submission prior to start of construction

No.	Consent/licence	Relevant body	Comments/agreements	Application status/ action required	Anticipated submission date/ timescales
				being submitted in due course.	
8.	Pipeline Safety Notification - The Pipeline Safety Regulations 1996 (Regulation 20)	The Health and Safety Executive ('HSE')	Required in connection with the Gas Connection (Work No.4).	None at this stage	HSE must be notified a minimum of 6 months prior to commencement of construction of the Gas Connection
9.	Gas Safety Case - The Gas Safety (Management) Regulations 1996 (Regulation 3)	HSE	Required in connection with the Gas Connection (Work No.4).	None at this stage	A safety case must be prepared and submitted to the HSE for approval prior to gas being conveyed.
10.	Notification of Construction Works - The Construction (Design and Management) Regulations 2015	HSE	HSE should be notified in writing prior to the start of construction work on the Proposed Development using the HSE F10 Form.	No action required at present. HSE will be notified prior to the commencement of the start of construction.	HSE will be notified prior to the commencement of the start of construction.
11.	Construction Noise Consent - Section 61 of The Control of Pollution Act 1974	North Lincolnshire Council	May be required during construction of the Proposed Development for certain activities.	No action required at present	Would be applied for during the construction phase for the Proposed

No.	Consent/licence	Relevant body	Comments/agreements	Application status/ action required	Anticipated submission date/ timescales
					Development if required
12.	Permit for Transport of Abnormal Loads -The Road Vehicles (Authorisation of Special Types) (General) Order 2003 or The Road Traffic Act 1988	VCA (the Executive Agency of the Department for Transport), Highways England and relevant local highway authorities.	Details for the management of Abnormal Loads and Abnormal Indivisible Loads ('AILs') would be detailed in the Construction Traffic Management Plan.	No action required at present	A permit(s) would be sought once the number and type of Abnormal Loads and AILs has been established following appointment of a contractor
13.	Fire Notice - The Regulatory Reform (Fire Safety) Order 2005	Local fire and rescue authority (the Health & Safety Executive has enforcement responsibility on construction sites).	Required in respect of work on construction sites.	No action required at present	Would be submitted prior to the start of construction
14.	Building Regulations Approval - The Building Regulations 2000 (as amended)	NLC	Required in respect of buildings and structures forming part of the Proposed Development.	No action required at present	Buildings Regulations Approval would be sought prior to and during the construction phase

No.	Consent/licence	Relevant body	Comments/agreements	Application status/ action required	Anticipated submission date/ timescales
15.	European Protected Species Licence - The Conservation of Habitats and Species Regulations 2017	Natural England	<p>Required for any components of the Proposed Development that affect protected species.</p> <p>It is anticipated that no protected species would be affected by the Proposed Development based on surveys undertaken to date. However, pre-construction surveys for water vole and otter would be undertaken to confirm the position (and the need for any licence(s)) prior to construction works. The pre-construction surveys will be detailed in the Biodiversity Enhancement Management Plan secured by a requirement within the DCO.</p>	None required	Application submission prior to start of construction if required