

VPI Immingham OCGT Project

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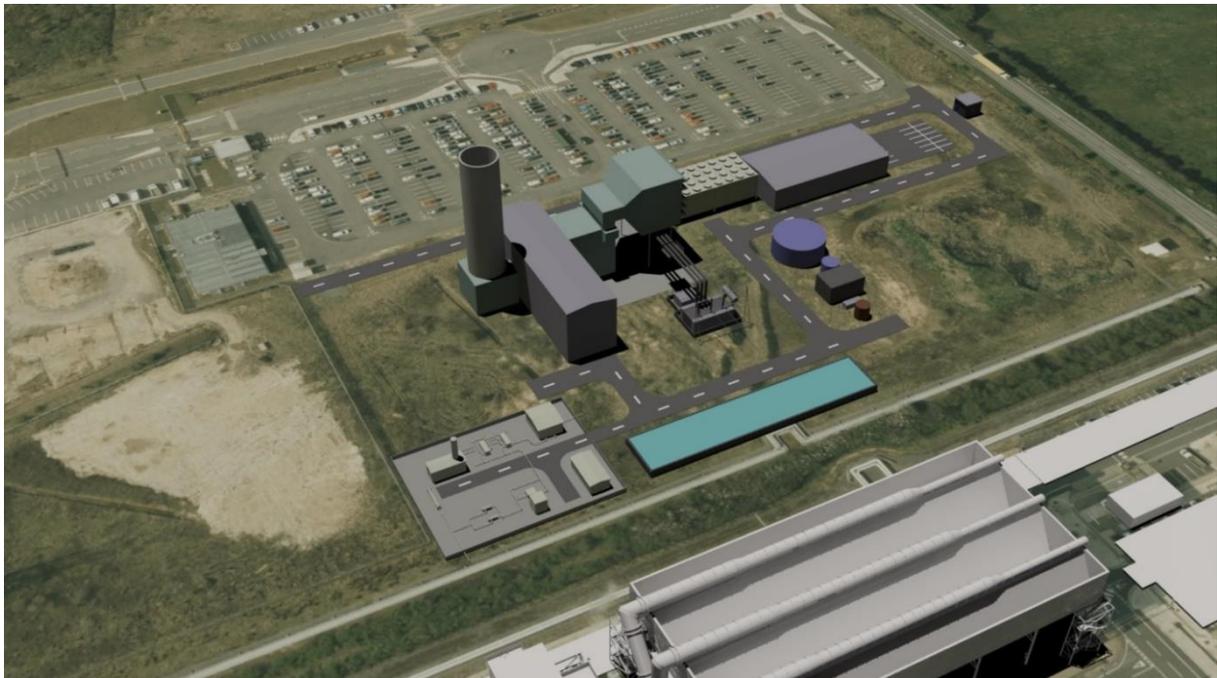
The Immingham Open Cycle Gas Turbine Order

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)



Applicant: VPI Immingham B Ltd

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GLOSSARY

Abbreviation	Description
Access	Work No. 2 – access works comprising access to the OCGT Power Station Site and access to Work Nos. 3, 4, 5 and 6;
AIL	Abnormal indivisible load – a road vehicle that has any of the following: a gross vehicle weight of more than 44,000 kilograms; an axle load of more than 10,000 kilograms for a single non-driving axle and 11,500 kilograms for a single driving axle; a width of more than 2.9 metres; and a rigid length of more than 18.65 metres and cannot, without undue expense or risk of damage, be divided into two or more loads for the purpose of being carried on a road.
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 in respect of the Proposed Development, required pursuant to Section 31 of the Planning Act 2008 because the Proposed Development 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 of more than 50 Megawatts electrical capacity.
CHP	Combined Heat and Power – A technology that puts to use the residual heat of the combustion process after generation of electricity that would otherwise be lost to the environment.
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 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.
EA	Environment Agency – a non-departmental public body sponsored by the United Kingdom government's Department for Environment, Food and Rural Affairs (DEFRA), with responsibilities relating to the protection and enhancement of the environment in England.
EIA	Environmental Impact Assessment – a term used for the assessment of environmental consequences (positive or negative) of a plan, policy, program or project prior to the decision to move forward with the proposed action.
Electrical Connection	Work No. 5 – an electrical connection of up to 400 kilovolts and controls systems.

Abbreviation	Description
ES	Environmental Statement – a report in which the process and results of an Environmental Impact Assessment are documented.
Existing AGI Site	The land comprising the exiting 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	The existing VPI Immingham Power Station. This facility is a gas-fired combined heat and power ('CHP') plant near Immingham providing steam and electricity to the neighbouring refineries and electricity to the National Grid.
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.
Gas Connection	Work No. 4 – the new underground and overground gas pipeline
IDB	Internal Drainage Board – an authority with powers to undertake work to secure clean water drainage and water level management within drainage districts.
km	Kilometre – unit of distance.
SoS	The Secretary of State – the decision maker for DCO applications and head of a Government department. In this case the SoS for the Department for Business, Energy & Industrial Strategy (formerly the Department for Energy and Climate Change).
m	Metres – unit of distance.
MW	Megawatts – unit of energy.
NG	National Grid
NGET	National Grid Electricity Transmission plc
NGG	National Grid Gas plc
NELC	North East Lincolnshire Council
NLC	North Lincolnshire Council
NSIP	Nationally Significant Infrastructure Project – Defined by the Planning Act 2008 and including projects relating to energy (including generating stations, electric lines and pipelines); transport (including trunk roads and motorways, airports, harbour facilities, railways and rail freight interchanges); water (dams and reservoirs, and the transfer of water resources); waste water treatment plants and hazardous waste facilities. These projects are only defined as nationally significant if they satisfy a statutory threshold in terms of their scale or effect. The Proposed Development is a NSIP.
NTS	Non-Technical Summary – this document is a summary of the Environmental Statement written in non-technical language for ease of understanding.
OCGT Power Station	Work No. 1 – an OCGT power station with a gross capacity of up to 299MW.
Order	Immingham Open Cycle Gas Turbine Order
Order land	The area over which powers of compulsory acquisition or temporary possession are sought in the DCO, shown on the Land Plans. The Order land is the same area as the Project Land.

Abbreviation	Description
PA 2008	Planning Act 2008. An Act which provides the need for and the powers to apply for and grant development consent orders ('DCO') for nationally significant infrastructure projects ('NSIP').
PARCA	Planning and Advanced Reservation of Capacity Agreement
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).
Temporary Construction and Laydown	Work No. 3 – temporary construction and laydown areas 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. There are three construction and laydown areas included in the Application.
Utilities and Services Connections	Work No 6 – utilities and services connections to the OCGT Power Station.
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.

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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 'Site Description'.

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 'Site Description' (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: 6.2.4).

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
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 EA to advise on determination timescale
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	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	NGG to advise.

No.	Consent/licence	Relevant body	Comments/agreements	Application status/ action required	Anticipated submission date/ timescales
	reservation of gas from the National Transmission System ('NTS')			and NGG. Subject to discussion with NGG.	
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 being submitted in due course.	Application submission prior to start of construction
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

No.	Consent/licence	Relevant body	Comments/agreements	Application status/ action required	Anticipated submission date/ timescales
					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 Development if required
12.	Permit for Transport of Abnormal Loads -The Road Vehicles (Authorisation of Special Types) (General)	VCA (the Executive Agency of the Department for Transport), Highways England and relevant	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

No.	Consent/licence	Relevant body	Comments/agreements	Application status/ action required	Anticipated submission date/ timescales
	Order 2003 or The Road Traffic Act 1988	local highway authorities.			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
15.	European Protected Species Licence - The Conservation of Habitats and Species Regulations 2017	Natural England	Required for any components of the Proposed Development that affect protected species. 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	None required	Application submission prior to start of construction if required

No.	Consent/licence	Relevant body	Comments/agreements	Application status/ action required	Anticipated submission date/ timescales
			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.		