

North Lincolnshire Council  
 Development  
 Management  
 Operations  
 Church Square House  
 30-40 High Street  
 Scunthorpe  
 DN15 6NL

Development Management  
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## Application for Planning Permission

### Town and Country Planning Act 1990 (as amended)

#### Publication of applications on planning authority websites

Please note that the information provided on this application form and in supporting documents may be published on the Authority's website. If you require any further clarification, please contact the Authority's planning department.

### Site Location

**Disclaimer:** We can only make recommendations based on the answers given in the questions.

If you cannot provide a postcode, the description of site location must be completed. Please provide the most accurate site description you can, to help locate the site - for example "field to the North of the Post Office".

Number

Suffix

Property Name

Address Line 1

Address Line 2

Address Line 3

Town/city

Postcode

Description of site location must be completed if postcode is not known:

Easting (x)  Northing (y)

Description

Land at VPI Immingham CHP Plant, Rosper Road, DN40 3DZ

## Applicant Details

### Name/Company

Title

First name

Surname

Company Name

### Address

Address line 1

Address line 2

Address line 3

Town/City

County

Country

Postcode

Are you an agent acting on behalf of the applicant?

Yes

No

## Contact Details

Primary number

Secondary number

Fax number

Email address

## Agent Details

Name/Company

Title

First name

Surname

Company Name

## Address

Address line 1

Address line 2

Address line 3

Town/City

County

Country

Postcode

EC4V 6AB

## Contact Details

Primary number

\*\*\*\*\* REDACTED \*\*\*\*\*

Secondary number

\*\*\*\*\* REDACTED \*\*\*\*\*

Fax number

Email address

\*\*\*\*\* REDACTED \*\*\*\*\*

## Site Area

What is the measurement of the site area? (numeric characters only).

28.51

Unit

Hectares

## Description of the Proposal

Please note in regard to:

- **Fire Statements** - From 1 August 2021, planning applications for buildings of over 18 metres (or 7 stories) tall containing more than one dwelling will require a 'Fire Statement' for the application to be considered valid. There are some exemptions. [View government planning guidance on fire statements](#) or [access the fire statement template and guidance](#).
- **Permission In Principle** - If you are applying for Technical Details Consent on a site that has been granted Permission In Principle, please include the relevant details in the description below.
- **Public Service Infrastructure** - From 1 August 2021, applications for certain public service infrastructure developments will be eligible for faster determination timeframes. See help for further details or [view government planning guidance on determination periods](#).

### Description

Please describe details of the proposed development or works including any change of use

Construction and operation of a Post-Combustion Carbon Capture Plant at the existing VPI Immingham Combined Heat and Power Plant connecting to the two existing gas turbines (GT 1 and GT2) and auxiliary boiler, including carbon dioxide compression and metering, cooling equipment, stacks, substations, internal roads, partial ditch realignment, and new and modified services, connections, internal roads, accesses, and maintenance and laydown areas

Has the work or change of use already started?

- Yes  
 No

## Existing Use

Please describe the current use of the site

The Site includes the operational VPI Immingham Combined Heat and Power (CHP) Plant and land to the south comprising vacant grassland with an open ditch, areas of hardstanding and existing below ground utilities.

Is the site currently vacant?

- Yes  
 No

**Does the proposal involve any of the following? If Yes, you will need to submit an appropriate contamination assessment with your application.**

Land which is known to be contaminated

- Yes  
 No

Land where contamination is suspected for all or part of the site

- Yes  
 No

A proposed use that would be particularly vulnerable to the presence of contamination

- Yes  
 No

## Materials

Does the proposed development require any materials to be used externally?

- Yes  
 No

Please provide a description of existing and proposed materials and finishes to be used externally (including type, colour and name for each material)

**Type:**

Roof

**Existing materials and finishes:**

N/A

**Proposed materials and finishes:**

To be confirmed / Secured by planning condition

**Type:**

Other

**Other (please specify):**

Plant, machinery and storage tanks

**Existing materials and finishes:**

N/A

**Proposed materials and finishes:**

To be confirmed / Secured by planning condition

**Type:**

Vehicle access and hard standing

**Existing materials and finishes:**

N/A

**Proposed materials and finishes:**

To be confirmed / Secured by planning condition

**Type:**

Boundary treatments (e.g. fences, walls)

**Existing materials and finishes:**

N/A

**Proposed materials and finishes:**

To be confirmed / Secured by planning condition

Are you supplying additional information on submitted plans, drawings or a design and access statement?

Yes

No

If Yes, please state references for the plans, drawings and/or design and access statement

Design and Access Statement

Planning Statement

- 415000-00201-8230-01-0001 HZ-VPI-I PCC PROJECT PARAMETER / ZONING PLANNING DRAWING KEY PLAN
- 415000-00201-8230-01-0002 HZ-VPI-I PCC PROJECT PARAMETER / ZONING PLANNING DRAWING PLAN - SHEET 1
- 415000-00201-8230-01-0003 HZ-VPI-I PCC PROJECT PARAMETER / ZONING PLANNING DRAWING PLAN - SHEET 2
- 415000-00201-8230-01-0004 HZ-VPI-I PCC PROJECT INDICATIVE GENERAL ARRANGEMENT KEY PLAN
- 415000-00201-8230-01-0005 HZ-VPI-I PCC PROJECT INDICATIVE GENERAL ARRANGEMENT PLAN - SHEET 1
- 415000-00201-8230-01-0006 HZ-VPI-I PCC PROJECT INDICATIVE GENERAL ARRANGEMENT PLAN - SHEET 2
- 415000-00201-8230-01-0007 HZ-VPI-I PCC PROJECT INDICATIVE GENERAL ARRANGEMENT PLAN - SHEET 3
- 415000-00201-8230-01-0008 HZ-VPI-I PCC PROJECT INDICATIVE GENERAL ARRANGEMENT PLAN - SHEET 4
- 415000-00201-8230-01-0009 HZ-VPI-I PCC PROJECT INDICATIVE GENERAL ARRANGEMENT PLAN - SHEET 5
- 415000-00201-8230-01-0010 HZ-VPI-I PCC PROJECT INDICATIVE GENERAL ARRANGEMENT PLAN - SHEET 6
- 415000-00201-8230-01-0011 HZ-VPI-I PCC PROJECT INDICATIVE GENERAL ARRANGEMENT ELEVATIONS - SHEET 1
- 415000-00201-8230-01-0012 HZ-VPI-I PCC PROJECT INDICATIVE GENERAL ARRANGEMENT ELEVATIONS - SHEET 2
- 415000-00201-8230-01-0013 HZ-VPI-I PCC PROJECT INDICATIVE GENERAL ARRANGEMENT ISOMETRIC VIEW
- 415000-00201-8230-01-0014 HZ-VPI-I PCC PROJECT VERTICAL PARAMETER / ZONING PLANNING DRAWING SECTIONS - SHEET 1
- 415000-00201-8230-01-0015 HZ-VPI-I PCC PROJECT VERTICAL PARAMETER / ZONING PLANNING DRAWING SECTIONS - SHEET 2
- 415000-00201-8230-01-0016 HZ-VPI-I PCC PROJECT VERTICAL PARAMETER / ZONING PLANNING DRAWING SECTIONS - SHEET 3
- 415000-00201-8230-01-0017 HZ-VPI-I PCC PROJECT VERTICAL PARAMETER / ZONING PLANNING DRAWING SECTIONS - SHEET 4
- 415000-00201-8230-01-0018 HZ-VPI-I PCC PROJECT VERTICAL PARAMETER / ZONING PLANNING DRAWING SECTIONS - SHEET 5
- 415000-00201-8330-47-0003 SUBSTATION 04 (30-BD-0701) EQUIPMENT LAYOUT & CABLE GALLERY PLAN
- 415000-00201-8330-47-0004 SUBSTATION 04 (30-BD-0701) ARCHITECTURAL ROOF LEVEL PLAN & SECTION
- 415000-00201-8330-47-0005 CO2 COMPRESSOR HOUSE HOUSE (30-BD-1709/2710) ARCHITECTURAL GROUND FLOOR PLAN
- 415000-00201-8330-47-0006 MVR COMPRESSOR HOUSE (30-BD-1711/1712) ARCHITECTURAL PLANS & SECTION
- 415000-00201-8330-47-0007 CO2 COMPRESSOR HOUSE (30-BD-1709/2710) ARCHITECTURAL ROOF LEVEL PLAN
- 415000-00201-8330-47-0012 SUBSTATION 05 (30-BD-0702) EQUIPMENT LAYOUT & CABLE GALLERY PLAN
- 415000-00201-8330-47-0013 SUBSTATION 05 (30-BD-0702) ROOF LEVEL PLAN & SECTION - S1, S2

## Pedestrian and Vehicle Access, Roads and Rights of Way

Is a new or altered vehicular access proposed to or from the public highway?

- Yes
- No

Is a new or altered pedestrian access proposed to or from the public highway?

- Yes
- No

Are there any new public roads to be provided within the site?

- Yes
- No

Are there any new public rights of way to be provided within or adjacent to the site?

- Yes
- No

Do the proposals require any diversions/extinguishments and/or creation of rights of way?

- Yes
- No

If you answered Yes to any of the above questions, please show details on your plans/drawings and state their reference numbers

Plans showing the proposed new vehicular access:  
60668866-ACM-XX-XX-DR-CE-0001-P03 General Arrangement  
60668866-ACM-XX-XX-DR-CE-0002-P03 Visibility Splays  
60668866-ACM-XX-XX-DR-CE-0003-P03 Vehicle Tracking  
60668866-ACM-XX-XX-DR-CE-0004-P03 Surfacing Plan  
60668866-ACM-XX-XX-DR-CE-0005-P02 Underground Utilities

There is a redundant section of Footpath 91 which runs from Rosper Road to the railway line where it terminates, bisecting the planning application site. The footpath does not exist on the ground. North Lincolnshire Council (Principal Access and Commons Officer) is progressing a stopping up order for this at present, and therefore the planning application does not itself seek to extinguish the footpath.

## Vehicle Parking

Does the site have any existing vehicle/cycle parking spaces or will the proposed development add/remove any parking spaces?

- Yes  
 No

Please provide information on the existing and proposed number of on-site parking spaces

**Vehicle Type:**

Cars

**Existing number of spaces:**

250

**Total proposed (including spaces retained):**

250

**Difference in spaces:**

0

## Trees and Hedges

Are there trees or hedges on the proposed development site?

- Yes  
 No

And/or: Are there trees or hedges on land adjacent to the proposed development site that could influence the development or might be important as part of the local landscape character?

- Yes  
 No

**If Yes to either or both of the above, you may need to provide a full tree survey, at the discretion of the local planning authority. If a tree survey is required, this and the accompanying plan should be submitted alongside the application. The local planning authority should make clear on its website what the survey should contain, in accordance with the current 'BS5837: Trees in relation to design, demolition and construction - Recommendations'.**



## Assessment of Flood Risk

Is the site within an area at risk of flooding? (Check the location on the Government's [Flood map for planning](#). You should also refer to national [standing advice](#) and your local planning authority requirements for information as necessary.)

- Yes  
 No

Is your proposal within 20 metres of a watercourse (e.g. river, stream or beck)?

- Yes  
 No

Will the proposal increase the flood risk elsewhere?

- Yes  
 No

How will surface water be disposed of?

- Sustainable drainage system  
 Existing water course  
 Soakaway  
 Main sewer  
 Pond/lake

## Biodiversity and Geological Conservation

Is there a reasonable likelihood of the following being affected adversely or conserved and enhanced within the application site, or on land adjacent to or near the application site?

To assist in answering this question correctly, please refer to the help text which provides guidance on determining if any important biodiversity or geological conservation features may be present or nearby; and whether they are likely to be affected by the proposals.

a) Protected and priority species

- Yes, on the development site  
 Yes, on land adjacent to or near the proposed development  
 No

b) Designated sites, important habitats or other biodiversity features

- Yes, on the development site  
 Yes, on land adjacent to or near the proposed development  
 No

c) Features of geological conservation importance

- Yes, on the development site  
 Yes, on land adjacent to or near the proposed development  
 No

### Supporting information requirements

Where a development proposal is likely to affect features of biodiversity or geological conservation interest, you will need to submit, with the application, sufficient information and assessments to allow the local planning authority to determine the proposal.

Failure to submit all information required will result in your application being deemed invalid. It will not be considered valid until all information required by the local planning authority has been submitted.

Your local planning authority will be able to advise on the content of any assessments that may be required.

## Foul Sewage

Please state how foul sewage is to be disposed of:

- Mains sewer
- Septic tank
- Package treatment plant
- Cess pit
- Other
- Unknown

Other

Separation Pond

Are you proposing to connect to the existing drainage system?

- Yes
- No
- Unknown

If Yes, please include the details of the existing system on the application drawings and state the plan(s)/drawing(s) references

415000-00201-8820-01-0010 HZ-VPI-I PCC PROJECT INDICATIVE GENERAL ARRANGEMENT PLAN - SHEET 6

## Waste Storage and Collection

Do the plans incorporate areas to store and aid the collection of waste?

- Yes
- No

If Yes, please provide details:

Waste materials will be collected, stored and managed in accordance with best practice and current site waste management policies. Waste materials will include waste from site offices; and waste from the PCC plant.

Have arrangements been made for the separate storage and collection of recyclable waste?

- Yes
- No

If Yes, please provide details:

In accordance with existing waste management practices, separate storage and collection will be provided for recyclable for waste.

## Trade Effluent

Does the proposal involve the need to dispose of trade effluents or trade waste?

- Yes
- No

If Yes, please describe the nature, volume and means of disposal of trade effluents or waste

Solid or sludge waste potentially hazardous waste comprising O2 removal catalyst (14 m3 every 4-6 years), dehydration desiccant (24 tonnes every 4-6 years), Activated carbon (57m3 every 6-12 months), Filter elements, industrial wastes (paper, cardboard, plastic, wooden packaging material, worn and damaged metal items, gaskets etc; waste oil) (379 tonnes) disposed to a landfill.

Hazardous liquid wastes comprising solvent drain vessel solvent and reclaimer waste (degraded solvent) (2,760 tonnes per year) disposed at a hazardous waste management facility.

## Residential/Dwelling Units

Does your proposal include the gain, loss or change of use of residential units?

- Yes  
 No

## All Types of Development: Non-Residential Floorspace

Does your proposal involve the loss, gain or change of use of non-residential floorspace?

Note that 'non-residential' in this context covers all uses except Use Class C3 Dwellinghouses.

- Yes  
 No

Please add details of the Use Classes and floorspace.

Following changes to Use Classes on 1 September 2020: The list includes the now revoked Use Classes A1-5, B1, and D1-2 that should not be used in most cases. Also, the list does not include the newly introduced Use Classes E and F1-2. To provide details in relation to these or any 'Sui Generis' use, select 'Other' and specify the use where prompted. Multiple 'Other' options can be added to cover each individual use. [View further information on Use Classes.](#)

### Use Class:

B2 - General industrial

### Existing gross internal floorspace (square metres):

148771

### Gross internal floorspace to be lost by change of use or demolition (square metres):

0

### Total gross new internal floorspace proposed (including changes of use) (square metres):

279460

### Net additional gross internal floorspace following development (square metres):

130689

Totals	Existing gross internal floorspace (square metres)	Gross internal floorspace to be lost by change of use or demolition (square metres)	Total gross new internal floorspace proposed (including changes of use) (square metres)	Net additional gross internal floorspace following development (square metres)
	148771	0	279460	130689

### Loss or gain of rooms

For hotels, residential institutions and hostels please additionally indicate the loss or gain of rooms:

## Employment

Are there any existing employees on the site or will the proposed development increase or decrease the number of employees?

Yes

No

## Existing Employees

Please complete the following information regarding existing employees:

Full-time

70

Part-time

0

Total full-time equivalent

70.00

## Proposed Employees

If known, please complete the following information regarding proposed employees:

Full-time

Part-time

Total full-time equivalent

120.00

## Hours of Opening

Are Hours of Opening relevant to this proposal?

Yes

No

## Industrial or Commercial Processes and Machinery

Does this proposal involve the carrying out of industrial or commercial activities and processes?

Yes

No

Please describe the activities and processes which would be carried out on the site and the end products including plant, ventilation or air conditioning. Please include the type of machinery which may be installed on site:

The Proposed Development will capture Carbon Dioxide flue gas from two of the gas turbines (GT1 and GT2)1 and two auxiliary boilers at the VPI Immingham CHP Plant. The Flue gas will be cooled and treated before entering the absorption tower where it will come into contact with an amine solvent and be stripped of Carbon Dioxide.

The Carbon Dioxide rich solvent would be heated to remove Carbon Dioxide which will subsequently be transported via a pipeline to a third party geological storage facility.

The following machinery is expected:

- Ducting to connect GT1, GT2 and the auxiliary boilers to the VPI PCC plant;
- two PCC units (or 'trains'), each with associated blower, direct contact cooler, absorber, stack, stripper/ regenerator, thermal reclaimer unit and air-cooled heat exchangers;
- a CO2 vent stack for use during start up, shut down and emergencies only;
- CO2 compression facility with associated air-cooled heat exchangers;
- oxygen removal and dehydration facilities;
- CO2 metering and a pipeline connecting the PCC plant and compression facilities to the CO2 gathering network interface;
- up to four on-site electrical substations;
- caustic, solvent and other chemical offloading and storage facilities;
- utilities (including chillers, steam generator, hydrogen package and air compressors);

Is the proposal for a waste management development?

- Yes  
 No

## Hazardous Substances

Does the proposal involve the use or storage of Hazardous Substances?

- Yes  
 No

If Yes, please specify each hazardous substance and the amount involved:

**Hazardous substance :**

Other (please specify)

**Other (please specify):**

Caustic substance

**Amount - Tonne(s):**

10.0000

**Hazardous substance :**

Other (please specify)

**Other (please specify):**

Amine Solvent

**Amount - Tonne(s):**

74.0000

**Hazardous substance :**

Other (please specify)

**Other (please specify):**

Activated Carbon

**Amount - Tonne(s):**

0.1000

**Hazardous substance :**

Other (please specify)

**Other (please specify):**

Antifoam agent

**Amount - Tonne(s):**

1.0000

**Hazardous substance :**

Other (please specify)

**Other (please specify):**

Sodium Carbonate

**Amount - Tonne(s):**

0.1000

**Hazardous substance :**

Other (please specify)

**Other (please specify):**

Hydrogen

**Amount - Tonne(s):**

0.1000

**Hazardous substance :**

Other (please specify)

**Other (please specify):**

Silica Gel

**Amount - Tonne(s):**

0.1000

## Site Visit

Can the site be seen from a public road, public footpath, bridleway or other public land?

- Yes  
 No

If the planning authority needs to make an appointment to carry out a site visit, whom should they contact?

- The agent  
 The applicant  
 Other person

## Pre-application Advice

Has assistance or prior advice been sought from the local authority about this application?

- Yes  
 No

**If Yes, please complete the following information about the advice you were given (this will help the authority to deal with this application more efficiently):**

Officer name:

Title

\*\*\*\*\* REDACTED \*\*\*\*\*

First Name

\*\*\*\*\* REDACTED \*\*\*\*\*

Surname

\*\*\*\*\* REDACTED \*\*\*\*\*

Reference

Date (must be pre-application submission)

03/02/2023

Details of the pre-application advice received

-

## Authority Employee/Member

With respect to the Authority, is the applicant and/or agent one of the following:

- (a) a member of staff
- (b) an elected member
- (c) related to a member of staff
- (d) related to an elected member

It is an important principle of decision-making that the process is open and transparent.

For the purposes of this question, "related to" means related, by birth or otherwise, closely enough that a fair-minded and informed observer, having considered the facts, would conclude that there was bias on the part of the decision-maker in the Local Planning Authority.

Do any of the above statements apply?

- Yes
- No

## Ownership Certificates and Agricultural Land Declaration

### Certificates under Article 14 - Town and Country Planning (Development Management Procedure) (England) Order 2015 (as amended)

Please answer the following questions to determine which Certificate of Ownership you need to complete: A, B, C or D.

Is the applicant the sole owner of all the land to which this application relates; and has the applicant been the sole owner for more than 21 days?

- Yes
- No

Can you give appropriate notice to all the other owners/agricultural tenants? (Select 'Yes' if there are no other owners/agricultural tenants)

- Yes
- No

### Certificate Of Ownership - Certificate B

I certify/ The applicant certifies that:

- I have/The applicant has given the requisite notice to everyone else (as listed below) who, on the day 21 days before the date of this application, was the owner\* and/or agricultural tenant\*\* of any part of the land or building to which this application relates; or
- The applicant is the sole owner of all the land or buildings to which this application relates and there are no other owners\* and/or agricultural tenants\*\*.

\* "owner" is a person with a freehold interest or leasehold interest with at least 7 years left to run.

\*\* "agricultural tenant" has the meaning given in section 65(8) of the Town and Country Planning Act 1990



**Name of Owner/Agricultural Tenant:**

\*\*\*\*\* REDACTED \*\*\*\*\*

**House name:**

**Number:**

**Suffix:**

**Address line 1:**

1-3 Strand

**Address Line 2:**

**Town/City:**

London

**Postcode:**

WC2N 5EH

**Date notice served (DD/MM/YYYY):**

06/03/2023

**Person Family Name:**

**Name of Owner/Agricultural Tenant:**

\*\*\*\*\* REDACTED \*\*\*\*\*

**House name:**

**Number:**

**Suffix:**

**Address line 1:**

1-3 Strand

**Address Line 2:**

**Town/City:**

London

**Postcode:**

WC2N 5EH

**Date notice served (DD/MM/YYYY):**

06/03/2023

**Person Family Name:**

**Name of Owner/Agricultural Tenant:**

\*\*\*\*\* REDACTED \*\*\*\*\*

**House name:**

**Number:**

**Suffix:**

**Address line 1:**

8-9 Billet Lane

**Address Line 2:**

Normanby Enterprise Park

**Town/City:**

Scunthorpe

**Postcode:**

DN15 9YH

**Date notice served (DD/MM/YYYY):**

06/03/2023

**Person Family Name:**

**Name of Owner/Agricultural Tenant:**

\*\*\*\*\* REDACTED \*\*\*\*\*

**House name:**

**Number:**

**Suffix:**

**Address line 1:**

7th Floor 200-202

**Address Line 2:**

Aldersgate Street

**Town/City:**

London

**Postcode:**

EC1A 4HD

**Date notice served (DD/MM/YYYY):**

06/03/2023

**Person Family Name:**

**Name of Owner/Agricultural Tenant:**

\*\*\*\*\* REDACTED \*\*\*\*\*

**House name:**

**Number:**

**Suffix:**

**Address line 1:**

4th Floor Nova South

**Address Line 2:**

160 Victoria Street

**Town/City:**

London

**Postcode:**

SW1E 5LB

**Date notice served (DD/MM/YYYY):**

06/03/2023

**Person Family Name:**

Person Role

- The Applicant  
 The Agent

Title

Mr

First Name

Colin

Surname

Turnbull

Declaration Date

06/03/2023

Declaration made

## Declaration

I / We hereby apply for Full planning permission as described in this form and accompanying plans/drawings and additional information. I / We confirm that, to the best of my/our knowledge, any facts stated are true and accurate and any opinions given are the genuine options of the persons giving them. I / We also accept that: Once submitted, this information will be transmitted to the Local Planning Authority and, once validated by them, be made available as part of a public register and on the authority's website; our system will automatically generate and send you emails in regard to the submission of this application.

I / We agree to the outlined declaration

Signed

Callum Cook

Date

08/03/2023