

Date: 3 March 2023
Our Ref: 15862

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Dear Ms Leggott,

TOWN AND COUNTRY PLANNING ACT 1990 (AS AMENDED)

TOWN AND COUNTRY PLANNING (ENVIRONMENTAL IMPACT ASSESSMENT) REGULATIONS 2017 (AS AMENDED)

APPLICATION FOR FULL PLANNING PERMISSION FOR THE CONSTRUCTION AND OPERATION OF A FULL POST COMBUSTION CARBON CAPTURE PLANT AT THE EXISTING VPI IMMINGHAM COMBINED HEAT AND POWER ('CHP') PLANT

I write on behalf of VPI Immingham LLP (the 'Applicant') to apply for full planning permission for construction and operation of a Post-Combustion Carbon Capture Plant at the existing VPI Immingham CHP 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 on land at VPI Immingham CHP Plant, Rosper Road, DN40 3DZ. The application is submitted to North Lincolnshire Council ('NLC') in its capacity as local planning authority under the Town and Country Planning Act 1990 (the 'TCPA 1990') (as amended).

Humber Zero is a large-scale decarbonisation programme, being advanced in partnership by the Applicant and Phillips 66 Limited, that aims to remove up to 8 million tonnes (MT) of atmospheric CO₂ emissions per annum from the Immingham industrial cluster by 2030 through the deployment of a number of technologies such as Carbon Capture, Utilisation and Storage (CCUS).

The first phase of Humber Zero could remove up to 3.8 Mt of CO₂ annually by capturing carbon from the Phillips 66 Limited Humber Refinery's FCC stack and two of the gas turbines and auxiliary boilers at the VPI Immingham CHP Plant.

The Proposed Development would connect into a CO₂ transport network which is under development by others. There are two potential networks that the Proposed Development could be connected to: the proposed Viking CCS (formerly V Net Zero) CO₂ transmission and storage network (promoted by Harbour Energy) which is anticipated to commence in the southern part of the VPI Site, or the East Coast Cluster Humber Low Carbon Pipelines Project (HLCPP) (promoted by National Grid Ventures). Both pipeline networks will run close to the Site and the decision as to which network will be connected in to initially will be made following Government funding announcements. It is likely that access to both transportation networks would be available in the long-term development of the networks.



Two planning applications would be separately consented under the Town and Country Planning Act 1990 - one for the VPI Immingham CHP Plant (this application) and one for Phillips 66 Limited Humber Refinery submitted by Phillips 66. In recognition of the interrelated nature of both developments, a joint Environmental Statement ('ES') documenting the findings of the EIA for both applications has been prepared by AECOM Limited (AECOM). The ES has been prepared in accordance with the Town and Country Planning (Environmental Impact Assessment) Regulations 2017 (the 'EIA Regulations') and based on the Scoping Opinion issued by NLC on 11 March 2022.

Documents

The application submission comprises the following documents which have been made electronically via the Planning Portal.

- Application Form and Certificates;
- Planning Statement;
- Design and Access Statement;
- Biodiversity Net Gain Report
- Biodiversity Net Gain Report to inform the HRA
- Plans and drawings (see Table 1 below);
- Consultation Report (including appendices 1 – 8)
- ES Non-Technical Summary
- ES Volume I (Main Report);
- ES Volume II (Appendices);
- ES Volume III (Figures);

And the following drawings:

Parameter plans and drawings (for approval):

- Site Location Plan, 1:2000 at A1
- Existing Site Plan, Sheets 1-6, 1:500 at A1
- Parameter / Zoning Plan Key Plan, Ref. 415000-00201-8820-01-0001, 1:2000 at A1
- Parameter / Zoning Plan Plan Sheet 1, Ref. 415000-00201-8820-01-0002, 1:1000 at A1
- Parameter / Zoning Plan Plan Sheet 2, Ref. 415000-00201-8820-01-0003, 1:1000 at A1
- Parameter / Zoning Plan Sections Sheet 1, Ref. 415000-00201-8820-01-0014, 1:500 at A1
- Parameter / Zoning Plan Sections Sheet 2, Ref. 415000-00201-8820-01-0015, 1:500 at A1
- Parameter / Zoning Plan Sections Sheet 3, Ref. 415000-00201-8820-01-0016, 1:500 at A1
- Parameter / Zoning Plan Sections Sheet 4, Ref. 415000-00201-8820-01-0017, 1:500
- Parameter / Zoning Plan Sections Sheet 5, Ref. 415000-00201-8820-01-0018, 1:500


Other Plans and drawings:

- Substation 04 Equipment Layout and Gallery Plan, Ref. 415000-00201-8330-47-0003, 1:100 at A1
- Substation 04 Roof Plan and Section, Ref. 415000-00201-8330-47-0004, 1:100 at A1
- CO2 Compressor House Ground Floor Plan, Ref. 415000-00201-8330-47-0005, 1:100 at A1
- MV Compressor House Plan and Section, Ref. 415000-00201-8330-47-0006, 1:100 at A1
- CO2 Compressor House Roof Floor Plan, Ref. 415000-00201-8330-47-0007, 1:100 at A1
- Substation 05 Equipment Layout and Gallery Plan, Ref. 415000-00201-8330-47-0012, 1:100 at A1
- Substation 05 Roof Plan and Section, Ref. 415000-00201-8330-47-0013, 1:100 at A1
- General Arrangement, 60668866-ACM-XX-XX-DR-CE-0001-PO3, 1:250 at A1
- Visibility Splays, 60668866-ACM-XX-XX-DR-CE-0002-PO3, 1:500 at A1
- Vehicle Tracking, 60668866-ACM-XX-XX-DR-CE-0003-PO3, 1:500 at A1
- Surfacing Plan, 60668866-ACM-XX-XX-DR-CE-0004-PO3. 1:250 at A1
- Underground Utilities, 60668866-ACM-XX-XX-DR-CE-0005-PO2, 1:250 at A1
- General Arrangement Key Plan, Ref. 415000-00201-8820-01-0004, 1:2000 at A1
- General Arrangement Sheet 1, Ref. 415000-00201-8820-01-0005, 1:500 at A1
- General Arrangement Sheet 2, Ref. 415000-00201-8820-01-0006, 1:500 at A1
- General Arrangement Sheet 3, Ref. 415000-00201-8820-01-0007, 1:500 at A1
- General Arrangement Sheet 4, Ref. 415000-00201-8820-01-0008, 1:500 at A1
- General Arrangement Sheet 5, Ref. 415000-00201-8820-01-0009, 1:500 at A1
- General Arrangement Sheet 6, Ref. 415000-00201-8820-01-0010, 1:500 at A1
- General Arrangement Elevations Sheet 1, Ref. 415000-00201-8820-01-0011, 1:1000 at A1
- General Arrangement Elevations Sheet 2, Ref. 415000-00201-8820-01-0012, 1:1000 at A1
- General Arrangement Isometric View, Ref. 415000-00201-8820-01-0013

The application is accompanied by the necessary fee of £55,459.20 payable to NLC. The scope and content of the above have been determined with reference to NLC's validation checklist along with pre-application advice received.

I trust that everything has been submitted to allow you to validate the application and look forward to receiving confirmation of this in due course.

Yours sincerely,



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