

PUBLIC CONSULTATION NOTICE

CARBON STORAGE PROJECT

THE OFFSHORE OIL AND GAS EXPLORATION, PRODUCTION, UNLOADING AND STORAGE (ENVIRONMENTAL IMPACT ASSESSMENT) REGULATIONS 2020

The Northern Endurance Partnership Development

BP Exploration Operating Company Limited (“BPEOC”) has made an application for consent to the Oil and Gas Authority (“OGA”) in relation to the above project. The OGA now operates under the business name of the North Sea Transition Authority.

Summary of Project

The developer of the Northern Endurance Partnership (“NEP”) Development (the “Development”) is BPEOC, as operator on behalf of itself, Equinor New Energy Limited and TotalEnergies CCS UK Limited. The environmental statement for the Development is dated September 2023 (reference no. D/4271/2021). The essential nature of the Development is the drilling of the NEP wells, the installation and commissioning of the required subsea infrastructure and the operation and maintenance of the wells and infrastructure for the injection and storage of carbon dioxide (“CO₂”) at the Endurance Store (Carbon Dioxide Appraisal and Storage Licence CS001), a geological storage site under the Southern North Sea (“SNS”). The Development covers United Kingdom Continental Shelf Blocks 41/11, 41/12, 41/13, 41/14, 41/19, 41/20, 42/16, 42/17, 42/18, 42/23, 42/24, 42/25, 42/28, 42/27, 47/2, 47/7, 47/6 located in the SNS. The water depth across the Development area is highly variable but the maximum depth at the Endurance Store is 63.8 m below Lowest Astronomical Tide. The Endurance Store is located approximately 63 km east of the North Yorkshire (England) coast and approximately 105 km from the Dutch median line. BPEOC proposes to develop the Endurance Store for the injection and storage of CO₂. This is a new project under Schedule 1 of the Regulations, that will involve the capture of CO₂ from onshore industrial clusters at Teesside and Humber. CO₂ will be transported offshore to the Endurance Store via two 28” pipelines, one originating at Teesside (c. 142 km in length from Mean Low Water Spring (“MLWS”)), and the other at Humber (c. 100 km in length from MLWS). An electric power and fibre-optic communications control cable will run from Teesside to the subsea infrastructure at the Endurance Store. At the Endurance Store, all installed infrastructure will be subsea. The subsea facilities will consist of two manifolds which combine, distribute, control, and monitor flow of CO₂ to five injection wells. One monitoring well will be used to monitor CO₂ within the Endurance Store. Infield flowlines will connect the five injection wells to the manifolds and power and communication cables will connect all six wells to the manifolds. The proposed Development can be summarised as follows: (a) installation, connection to subsea infrastructure and commissioning of two CO₂ export pipelines from Teesside and Humber industrial clusters (MLWS) to the Endurance Store; (b) installation of subsea infrastructure at the Endurance Store including two manifolds, infield flowlines and an infield pipeline: (i) one crossover comingling manifold to combine the flows from the Teesside and Humber Pipelines and distribute for injection into two wells and to the manifold; (ii) the other manifold is connected to the other three injection wells; (iii) the manifolds connect to the five injection wells via 8” flowlines, up to 3 km in length; and (iv) the two manifolds will be connected by an infield pipeline, up to 28” in diameter and c. 6 km in length; (c) drilling of five CO₂ injection wells, one monitoring well and installation of six subsea trees; (d) operations and maintenance (“O&M”) of subsea infrastructure and pipelines; (e) monitoring and management of the Endurance Store during and after CO₂ injection in accordance with relevant regulatory consents; and (f) installation, commissioning and O&M of cables, including: (i) one electric power and fibre-optic communications control cable running from Teesside to the subsea infrastructure at the Endurance Store; and (ii) one electric power and fibre-optic communications control cable between the two manifolds and six cables from the manifolds to each of the wells. The Development design base case does not currently include a subsea safety isolation valve nearshore Teesside or an associated power, control and hydraulics umbilical. This infrastructure has been assessed in the Environmental Statement should a change in approach be required. The planned schedule of activities is as follows: (a) landfall construction Q3 – Q4 2025; (b) offshore installation Q1 – Q3 2026; (c) drilling of wells Q1 – Q4 2026; (d) commissioning Q2 – Q3 2027; and (e) first CO₂ injection Q4 2027.

Environmental Impact Assessment and Consent Process

In accordance with the above-mentioned Regulations, the project is subject to an environmental impact assessment procedure.

The OGA is responsible for deciding whether or not to grant consent for the project, but agreement to the grant of consent must be obtained from the Secretary of State for Energy Security and Net Zero (“the Secretary of State”) prior to consent being granted. The Secretary of State’s decision on whether to agree to the grant of consent is based on the environmental impact assessment for the project.

The range of possible decisions in response to the application of consent is:

- a) the Secretary of State agrees to the OGA’s grant of consent following the Secretary of State’s conclusion regarding the environmental effects of the project, and the OGA grants consent, so the project may proceed;
- b) the Secretary of State refuses to agree to the OGA’s grant of consent following the Secretary of State’s conclusion regarding the environmental effects of the project, so the project may not proceed; or
- c) the Secretary of State agrees to the OGA’s grant of consent following the Secretary of State’s conclusion regarding the environmental effects of the project, but the OGA does not grant consent, so the project may not proceed.

Where the Secretary of State agrees to the grant of consent, conditions that BPEOC must comply with may be attached to the agreement, including environmental conditions to avoid, prevent, reduce or offset any significant adverse effects on the environment, and measures to monitor such conditions.

Notice of the decisions of the Secretary of State and OGA decisions for the project will be published at: <https://www.gov.uk/guidance/the-2020-eia-regulations#environmental-impact-assessments-eia> where information on the Secretary of State’s decision to agree to or refuse to agree to the grant of consent will also be made available.

Access to Further Information

Copies of this notice, the summary of the project and the Environmental Statement can be viewed and downloaded at https://www.bp.com/en_gb/uk-ireland/home/where-we-operate/teesside-and-the-humber-nep-offshore.html and at <https://www.gov.uk/guidance/the-2020-eia-regulations#environmental-impact-assessments-eia>. Access shall remain at least three months after the date on which the Secretary of State publishes the notice under Regulation 16(1) (publication of consent decisions).

A copy of the Environmental Statement and summary of the project may also be obtained by post or email. Requests should be made by 06/11/2023 to:

FAO NZT and NEP HSE&C Team, BP Exploration Operating Company Limited, Building B, ICBT, Chertsey Road, Sunbury-on-Thames, TW16 7LN

By email: NEPconsultation@bp.com By phone: +44 (0)1932 762 000

Public Consultation

Representations, comments or questions relating to the project may be made to the Secretary of State by 06/11/2023. All representations should quote reference number DS/4271/2021 and may be made by letter or by email to:

Business Support Team, Offshore Petroleum Regulator for Environment & Decommissioning, Department for Energy Security and Net Zero, AB1 Building, Crimon Place, Aberdeen, AB10 1BJ

OPRED@Energysecurity.gov.uk

Judicial Review

A person aggrieved by the grant of consent for a project may apply to the Court for leave / permission to apply for judicial review of the relevant decision or decisions. The United Kingdom has three separate legal systems; one each for England and Wales, Scotland and Northern Ireland. The rules for any application for leave / permission to apply for judicial review may vary depending on where that application is made, but it is important to note that there are time limits for making any application and judicial review may only be available if the applicant has standing / a sufficient interest in the subject matter of the application. Further information about the process for seeking judicial review can be obtained from the Administrative Court (for England and Wales), the Court of Session (for Scotland) or the Judicial Review Office (Northern Ireland).