



# **THE INFRASTRUCTURE PLANNING (APPLICATIONS: PRESCRIBED FORMS AND PROCEDURE) REGULATIONS 2009**

Preesall Underground Gas Storage Facility, Lancashire

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## Pipeline Statement

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## Summary

As part of the current planning application for development of an Underground Gas Storage Facility (UGS) in salt caverns at Preesall, Lancashire, Halite Energy Group Ltd (Halite) propose to construct 3 pipelines. This Pipeline Statement defines the application process which will be to the Infrastructure Planning Commission (IPC). It also describes the pipelines which are to be constructed as part of the development.

Two pipelines are required for the water washing process employed for creating the caverns. The first will be used to supply seawater from Fleetwood Fish Dock to the cavern storage development at Preesall. The second pipeline will be used to discharge the salt saturated seawater from the development at Preesall back into the sea, 2.3 km offshore at Rossall.

A third pipeline will connect the Gas Compressor Compound (GCC) at Preesall to the National Transmission System (NTS) at Nateby.

# 1 Introduction

- 1.1 This statement has been prepared by Halite Energy Group Limited (Halite). Halite are making an application to the Infrastructure Planning Commission (IPC) for a Development Consent Order (DCO) to construct and operate an Underground Gas Storage Facility (UGS) and associated infrastructure at Preesall, Lancashire (Project). This Pipeline Statement is submitted in accordance with Regulation 6(4) of the Infrastructure Planning (Applications: prescribed Forms and Procedure) Regulations 2009 and provides details of the pipelines which form part of the Project.
- 1.2 The following three pipelines form part of the Project:
  - 1.2.1 A wash water pipeline approximately 1.8 km long, 900 mm external diameter between a proposed Seawater Pump Station at the Fleetwood Fish Dock and a proposed Booster Pump Station at Preesall. Drawing ref A-9000-001 shows the proposed alignment of the pipeline corridor. The pipeline will be used to convey seawater. This pipeline is named as the Wash Water Pipeline.
  - 1.2.2 A brine discharge pipeline approximately 8.1 km long, 900 mm external diameter between the proposed booster pump station at Preesall and the discharge into the sea 2.3 km offshore at Rossall, Fleetwood. The pipeline will be used to convey seawater saturated with brine from the cavern washing process. This pipeline is named as the Brine Discharge Pipeline.
  - 1.2.3 A gas interconnector pipeline approximately 12.4 km long, 1200 mm external diameter between the proposed GCC at Preesall and the National Transmission System (NTS) feeders No.15 and No.21 at Nateby via a proposed metering station also at Nateby. This pipeline will be used for the transportation of gas to and from the NTS to the UGS facility at Preesall. This pipeline is named as the Gas Interconnector Pipeline.
- 1.3 Once constructed as part of the Project, Halite will be the owner and operator of the Wash Water Pipeline, the Brine Discharge Pipeline and the Gas Interconnector Pipeline.
- 1.4 Halite is seeking powers in the DCO as follows:
  - (i) Temporary use powers to enter on to land for the purpose of constructing the Wash Water Pipeline, the Brine Discharge Pipeline and the Gas Interconnector Pipeline.
  - (ii) Compulsory acquisition of land and rights for the purpose of operating and maintaining the Wash Water Pipeline, the Brine Discharge Pipeline and the Gas Interconnector Pipeline.

- 1.4 Further information on the three pipelines is also contained in the Project Overview (document reference 9.1.3), the Construction Report (document reference 9.1.6) and in relation to the Gas Interconnector Pipeline, the Gas Interconnector Report (document reference 9.2.6).
- 1.5 Further details of the temporary use and compulsory purchase powers required in relation to the Seawater Pipeline, the Brine Discharge Pipeline and the Gas Interconnector Pipeline are contained in the Book of Reference (document reference 7.3) and the Statement of Reasons (document reference 7.1). Halite is seeking to secure the necessary rights by agreement in parallel with its application for the DCO.
- 1.6 The routes for Washwater and Brine Discharge pipelines require two crossings of the Wyre estuary, crossing the A585 and A587 national roads, 1 minor road crossing and the crossing of the tramway between Fleetwood and Blackpool as shown on drawing reference A-9000-001. Drawing reference 4726/05 shows the brine discharge crossing of the sea defences at Rossall. The road and tram crossings will be carried out by trenchless means. The detailed design and construction of all crossings will be by agreement with the Local Planning Authorities (LPA's) and Tram Company.

The route of the Gas Interconnector to Nateby will cross the A588 national road, and 6 minor roads. It will also cross 9 tracks and 4 rivers or water courses. The national road and certain of the minor roads and rivers will be crossed by trenchless means. All other crossings will be trenched with temporary access or diversions provided. The detailed design and construction of all crossings will be by agreement with the LPA's.