

Access to Breagh Infrastructure (updated November 2024)

The Breagh field is tied back to a normally unmanned installation (NUI) on the western area of the field. The Breagh A offshore platform transports the produced fluids through the Breagh 20" export pipeline to the onshore Teesside Gas Processing Plant (TGPP), for compression, process treatment, fiscal metering and sale.

Operator: INEOS E&P (UK) Limited
Working Interest: 70.00%

Entry Specification

Gross Calorific Value (Min/max)	37.5 / 42.3 MJ/m ³
Oxygen (Max)	9 ppm
Carbon Dioxide (Max)	2.8% mol
Hydrogen Sulphide (Max)	3 ppm
Total Sulphur (Max)	14.4 ppm
Wobbe Index	47.5 / 51.2 MJ/m ³

Exit Specification

Gas is redelivered to meet the National Transmission System (NTS) inlet specification at TGPP, with a discharge pressure of 70barg

Primary Separation Processing Facilities

There are no on-board separation facilities at Breagh A. Compression and separation is provided at TGPP. Liquid handling at TGPP is provided by a slug catcher with a 5,000 bbls capacity. Condensate and MEG separation/dedicated MEG regeneration facilities are provided, prior to gas export to the NTS.

Gas Treatment Facilities

Gas treatment facilities at TGPP enable gas conditioning to NTS export specification. This is achieved using the following: gas-gas interchange, propane refrigeration, and Joule-Thomson expansion cooling. These are used in combination to reduce the temperature of the gas sufficiently for the heavier hydrocarbons and water to coalesce and be separated out in the Dew Point Separator.

Capacity Information

The Breagh Platform is designed for 225 MMscf/d. The export system is designed for 400 MMscf/d but is limited to 110 MMscf/d following commencement of compression at TGPP. De-bottlenecking would be required to increase capacity above 110 MMscf/d.



Contact Information

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