

# Access to Breagh Infrastructure (updated September 2021)

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 process treatment, fiscal metering and sale. An onshore compression facility is scheduled to be on-stream at TGPP in 2023; thus reducing the entry pressure significantly.

Operator: INEOS UK SNS Limited  
Working Interest: 70.00%

## Entry Specification

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Gross Calorific Value (Min/max)	37.5 / 42.3 MJ/m <sup>3</sup>
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 <sup>3</sup>

## Exit Specification

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Gas redelivered to meet National Grid transmission inlet specification at TGPP, with a discharge pressure of 70barg

## Primary Separation Processing Facilities

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There are no on-board separation facilities at Breagh. Separation is provided at the TGPP terminal. Compression is planned to be on-stream at the TGPP terminal in 2023. 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 NGT.

## Gas Treatment Facilities

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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 separate out in the Dewpoint Separator.

## Capacity Information

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Available capacities ■ >25% ■ 5% to 25% ■ <5%

Breagh A Platform Facility	2022	2023	2024	2025	2026
Export system capacity 225MMscf/d*	<span style="color: green;">■</span>	<span style="color: green;">■</span>	<span style="color: green;">■</span>	<span style="color: green;">■</span>	<span style="color: green;">■</span>

\*The system is designed for a theoretical maximum of 400MMscf/d, but would require debottlenecking at TGPP to achieve; Onshore Compression is designed for 110 MMscfd, with bypass facilities to access system design capacity.

## Contact Information

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