DSC Change Proposal Document

Customers to fill out all of the information in the sections coloured ■
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General Details

Change Reference:	XRN 5937.3		
Change Title:	Facilitating Bi-Directional Connections Between IGT pipelines and the NTS (Modification 0887)		
Date Raised:	26/09/2025		
Sponsor Representative Details:	Organisation:	National Gas Transmission	
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	Name:	Josie Lewis	
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	Telephone:	n/a	
	Business Owner:	TBC	
Change Status:	☒ Proposal	☐ With DSG	☐ Out for Review
	☐ Voting	☐ Approved	☐ Rejected

Impacted Parties

Change Reference:	☒ Shipper	☐ Distribution Network Operator
	☒ NG Transmission	☒ IGT
	☐ All	☐ Other <Please provide details here>

Justification for Customer Class(es) selection:	This change facilitates Bi-Directional Connections Between IGT Pipelines and the National Transmission System (NTS). Shippers are considered impacted parties as they will be incentivised to obtain Capacity at the IGT NTS Connection Point (which will be unmetered) and will be required to submit Nominations in both instances where they intend to bring in and/or offtake gas from the NTS at this point. IGTs are also identified as being impacted as this change requires an IGT to set up a connection from their IGT network to the NTS which will include the creation of a Network Entry Agreement and Network Exit Provisions. NG Transmission (NGT) are identified as being impacted as there will be changes to the Gemini system which is owned by NGT.

Proposer Requirements / Final (redlined) Change

Problem Statement:	Extract from Modification 0887 – 'Why Change' 'A number of developers, due to their geographical location, are looking at injecting new biomethane gas from anaerobic digester (AD) plants to potential IGT networks that would be connected to the NTS, potentially creating the requirement to flow from an IGT to the NTS. If there are additional connections to the IGT network that offtake gas, there is a potential for the connection to the NTS to be bi-directional in a scenario whereby demand from the IGT is greater than the supply of biomethane from the AD'
Change Description:	This Change Proposal has been raised to deliver the requirements outlined in Modification 0887. Modification 0887 has been raised to establish the commercial transportation arrangements applicable at bi-directional unmetered connections between IGT Pipelines and the NTS.

At a high-level Modification 0887 is seeking to introduce A new bi-directional unmetered point type.

- This will be an Unmetered IGT NTS Connection point and will compromise of an NTS system Entry and Exit point on the NTS boundary.
- There will be corresponding Metered Entry and Exit Point/s on the IGT pipeline. The arrangement between the IGT and NTS will be covered within a Network Entry (Tri-partite) Agreement and the iGT Arrangements Document (iGTAD) of the UNC.

As a result of the changes required pursuant to Modification 0887 there will be Impacts to the following areas:

NTS access capacity:
The following will apply at each NTS connection point:

- Shippers will physically deliver or offtake gas into the IGT pipeline rather than the NTS directly. There will be limits on how much gas can be injected/entered or taken out at certain points.
- Shippers will be incentivised to purchase Capacity (Entry and/or Exit) in line with what they expect to input to/offtake from the IGT, Capacity Overrun charges will be applied if the agreed limits are exceeded capacity thereby acting as the incentive.
- In instances where the total gas delivered into the IGT is greater than the total gas off taken from the IGT then the excess gas will be delivered into the NTS from the IGT. Vice versa, if the total gas delivered into the IGT is less than the total gas off taken from the IGT then additional gas will be delivered from the NTS into the IGT.
- Regardless of the net physical flow at the NTS/iGT interface described above, the measured individual flows input to/off taken from the IGT will constitute commercial flows

assumed to be delivered to/off taken from the NTS (therefore the Total System) at the NTS/iGT interface and individually accounted for within Energy Balancing.

Gemini:

Entry and Exit Capacity

- A new Aggregated System Entry Point (ASEP) and Exit point will be created for the Unmetered IGT NTS Connection Point and will be link to the GB auction framework.
- By creating the new ASEP this will permit the loading of the actual prices for the new NTS Entry and Exit Point.
- Multiple shippers will be able to transact at (respectively) the ASEP and the Exit Point.
- Capacity Overrun charges will be applicable at the ASEP and the Exit Point in line with the existing distinct rules at Entry (TPD section B2.13) and Exit (TPD Section B3.13).

Invoicing:

- Changes will be made to invoicing to include the overrun charges for the new Unmetered IGT NTS Connection point meter type. This will ensure that Capacity and Neutrality, Entry Commodity, Entry and Exit scheduling, Eligible Quantity Calculation, Transmission Capacity, and NTS Entry and Exit Point overrun charges are all captured and reflected in the invoicing.

NB: Within Gemini the Capacity auctions will be run for the new Unmetered IGT NTS Connection Point. This will record Shippers Entitlement to flow into and/or out of the IGT.

NB: Overruns are related to Entitlement not any physical restrictions. Shippers purchase Capacity which gives them an Entitlement to flow that quantity of gas through that location. If their actual flow is greater than their Entitlement, then they can be subject to Overrun charges, following the existing rules that are applicable at Entry and Exit points.

	Measurement and Energy Balancing: For each unmetered IGT NTS connection point the following will occur: • The same volume of gas entering the IGT pipeline (this connection is metered) will be deemed to be delivered at the NTS system corresponding entry point (this connection is unmetered) and is tracked as UDQI (User Daily Quantity Input). • The same volume of gas exiting the IGT pipeline (this connection is metered) will be deemed to be off taken from the NTS system corresponding exit point (this connection is unmetered) and is tracked as UDQO (User Daily Quantity Output). • The gas will be and is measured daily at these points as per existing rules. • Shippers will use the existing mechanism to submit Input and Output Nominations at the Unmetered IGT NTS Connection Point daily in line with existing UNC TPD Section C rules. • For the avoidance of doubt, this Change Proposal also includes the creation of the relevant UK Link Business Processes which were identified during the ROM and any associated regression testing between central systems.
Proposed Release:	National Gas are seeking firm analysis and design costs and an estimated delivery cost through an initial EQR. There will then be a decision point once analysis and design phase has been completed and a full BER will be requested. It is vital that when the BER is produced that enough information is provided to confirm a baselined delivery plan and costs. Please can the costs provided be broken down by identified impacted system/delivery item. Please can this Change Proposal be classified as 'child' CP to the overarching XRN5937 Gemini Regulatory Change FY26 CP.
Proposed Consultation Period:	☒ 10 Working Days ☐ 15 Working Days ☐ 20 Working Days ☐ Other [specify here]

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Benefits and Justification

Benefit Description:	This DSC Change Proposal seeks to implement the CDSP related deliverables in line with those required pursuant to Ofgem's direction to implement UNC Modification 0887. Implementation is expected to facilitate deliveries of bio-methane to the GB gas networks.
	What, if any, are the tangible benefits of introducing this change? What, if any, are the intangible benefits of introducing this change?
Benefit Realisation:	As soon as the change is implemented, and developers are able to commit to plans for the Anaerobic Digester plants connected directly to IGT networks.
	When are the benefits of the change likely to be realised?
Benefit Dependencies:	Evidence that the proposed functionality is being utilised in accordance with the proposed UNC Business Rules.
	Please detail any dependencies that would be outside the scope of the change, this could be reliance on another delivery, reliance on some other event that the projects has not got direct control of.

Service Lines and Funding

Service Line(s) Impacted - New or existing:	From an initial consideration of the DSC Service Line impact, the Service Area which these processes currently come under is Change relates to **Service Area 14: Gemini Services** This Service Area is 100% National Grid NTS funded Whether a change to the Service Line is required as a result of this Change Proposal is currently unknown. This will be determined during the later stages of the project and taken through the appropriate DSC Change and Contract Management governance process as necessary.
Level of Impact:	TBC

If None please give justification:	n/a		
Impacts on UK Link Manual/ Data Permissions Matrix:	TBC		
Level of Impact:	TBC		
If None please give justification:	n/a		
Funding Classes:	Customer Classes/ Funding	Delivery of Change	On-going Budget Amendment
	☐ Shipper	XX %	XX %
	☒ National Gas Transmission	100 %	XX %
	☐ Distribution Network Operator	XX%	XX %
	☐ IGT	XX %	XX %
	☐ Other [please specify]	XX %	XX %
ROM or funding details:	A Rough Order of Magnitude (ROM) assessment has been completed, and initial high level indicative delivery costs are anticipated to be between £325,000and £415,000. Link for ROM for reference		
Funding Comments:			

Please send the completed forms to: pmo@xoserve.com

Version Control

Document

Version	Status	Date	Author(s)	Remarks
1.0	Draft	05/09/2025	Josie Lewis	
2.0	Final	26/09/2025	Bill Goode	