



# DSC Change Proposal Document

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Xoserve to fill out all of the information in the sections coloured ■

## General Details

Change Reference:	XRN6066		
Change Title:	Facilitating Biomethane entry into the GDN by exporting methane from the GDN into the NTS via Compression (Modification 0894A)		
Date Raised:	19/03/2026		
Sponsor Representative Details:	Organisation:	National Gas Transmission	
	Name:	Gavin Williams	
	Email:	gavin.williams@nationalgas.com	
	Telephone:	n/a	
	Name:	Simon Harris	
	Email:	uklink@xoserve.com	
	Telephone:	n/a	
	Business Owner:	TBC	
Change Status:	<input checked="" type="checkbox"/> Proposal	<input type="checkbox"/> With DSG	<input type="checkbox"/> Out for Review
	<input type="checkbox"/> Voting	<input type="checkbox"/> Approved	<input type="checkbox"/> Rejected

## Impacted Parties

Change Reference:	<input checked="" type="checkbox"/> Shipper	<input checked="" type="checkbox"/> Distribution Network Operator
	<input checked="" type="checkbox"/> NG Transmission	<input type="checkbox"/> IGT

	<input type="checkbox"/> All	<input type="checkbox"/> Other <Please provide details here>
Justification for Customer Class(es) selection:	<p>This change is seeking to enable the flow of gas from a downstream LDZ to the NTS which in turn would provide LDZ capability that would facilitate Biomethane entry into the GDN.</p> <p>DNOs and NTS are considered impacted parties due to changes involving the creation of a new LDZ/NTS Delivery Point enabling gas flow from an LDZ into the NTS to support additional LDZ Entry capability will have impacts for both DNOs and the NTS.</p> <p>DNOs are further considered as impacted due to the impacts to FWACV calculation and associated processes.</p> <p>Shippers have been identified.</p>	

## Proposer Requirements / Final (redlined) Change

Problem Statement:	<p>Extract from Modification 0894A – ‘Why Change’</p> <p><i>Within TPD, the concept of gas flows between the NTS and LDZs are already considered at NTS/LDZ Offtakes, and at these points, certain provisions for DNO Users apply. Such principles can be applied for gas entering the NTS from an LDZ at a new LDZ/NTS Delivery Point by a DNO User, requiring necessary changes to TPD and central systems.</i></p> <p><i>Certain areas of the GB Gas Network (such as East Anglia) are in the position where the supply of greener gas in the form of bio-methane, at times outstrips the demand in the local system. Where this occurs, the GDN will explore suitable reinforcement options. The most efficient option can be to transport flows via the use of compression to GDN higher-pressure tiers, or in some cases, to the NTS through reverse flow compression.</i></p>
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	<p><i>Introducing the provisions within this Modification would allow for greater quantities of greener gas to enter the GB gas network, furthering Relevant Objectives and facilitating Net Zero targets.'</i></p>
<p>Change Description:</p>	<p>This Change Proposal has been raised to deliver the Central System changes required as set out within <a href="#">UNC Modification 0894A</a></p> <p>This Modification 0894A seeks to introduce a new type of NTS entry point: an LDZ/NTS Delivery Point connection that enables gas to flow from a Local Distribution Zone (LDZ) into the National Transmission System (NTS). The primary purpose of this connection is to support reverse flow compression and facilitate the creation of additional LDZ Entry capacity for the purpose of facilitating biomethane entry onto the LDZ that would otherwise be constrained.</p> <p>This proposal introduces a new connection type LDZ/NTS Delivery Point to enable gas to flow from a LDZ into the NTS. The purpose is to support the creation of additional LDZ Entry capacity. Capacity charges and other downstream processes are to apply at this new LDZ-NTS transfer point.</p> <p>Through initial high-level assessment (ROM), the following areas have been reviewed in order to identify impacts as a result of this change. These will be assessed at a detailed level under the Change Proposal.</p> <p><b>UK Link impacts:</b></p> <p><b>FWACV Impacts:</b></p> <p>A new site type will be introduced for each LDZ, which means updates are needed to how site data is set up and how gas quality information is managed.</p> <p>The system will be updated to recognise and process this new site type for incoming flows, while outbound flows will remain unchanged.</p> <p>FWACV calculations will be adjusted to ensure volume and energy linked to the new site type are excluded from LDZ totals.</p>

<div data-bbox="580 192 1362 658" data-label="List-Group"> <ul style="list-style-type: none"> <li>• Manual data entry will be available to support any gaps in volume or gas quality data, and alerting processes will be updated to include the new site type, with Power Automate used to manage notifications.</li> <li>• Safeguards will be put in place to prevent the site type being used incorrectly in processes such as volume capping or LoR handling.</li> <li>• The new site type will be included in Ofgem reporting, but no changes are required to the NG Energy report, which continues to focus on LDZ-level data.</li> </ul> </div> <div data-bbox="580 698 1375 1128" data-label="Text"> <p><b>Gemini</b>  A new type of gas connection point is being created between the LDZ and the NTS which requires updates to the Gemini systems and processes. These include recognising a new meter type, adjusting Nomination and post-gas-day processes, updating balancing and calculation logic, and ensuring downstream systems and invoicing reflect the new setup. These changes will take into consideration the flow bi-directionally flowing Gas</p> </div> <div data-bbox="580 1209 1369 1402" data-label="Text"> <p>Please note, Modification 0894A is subject to Authority Decision which means the decision on approval or rejection is with Ofgem. The timescale for a final decision on Modification 0894A is currently unknown.</p> </div>		
Proposed Release:	TBC	
Proposed Consultation Period:	<input type="checkbox"/> 10 Working Days	<input type="checkbox"/> 15 Working Days
	<input type="checkbox"/> 20 Working Days	<input type="checkbox"/> Other [specify here]

## Benefits and Justification

Benefit Description:	<p>This DSC Change Proposal seeks to implement the CDSP related deliverables in line with those proposed under UNC Modification 0894A.</p> <p>Modification 0894A extract 'Why':</p>
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	<p><i>Moving methane from the GDN back to the NTS via reverse flow compression could free up the capability required to allow the biomethane plant to enter its 'green' gas into the lower pressure tier LDZ. As this change would result in greater volumes of greener gas entering the Total System, it would help facilitate net zero targets</i></p>
	<p><i>What, if any, are the tangible benefits of introducing this change? What, if any, are the intangible benefits of introducing this change?</i></p>
<p>Benefit Realisation:</p>	<p>The approval for implementation of Modification 0894A and, evidence that the proposed functionality is being utilised in accordance with the proposed UNC Business Rules.</p>
	<p><i>When are the benefits of the change likely to be realised?</i></p>
<p>Benefit Dependencies:</p>	<p>The approval of Modification 0894A</p>
	<p><i>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.</i></p>

## Service Lines and Funding

<p>Service Line(s) Impacted - New or existing:</p>	<p>From an initial consideration of the DSC Service Line impact, the Service Area which the potentially impacted processes currently come under is:</p> <ul style="list-style-type: none"> <li>• Service area 10 - Invoicing Customers (12% National Grid NTS and 88% DN Operators)</li> <li>•</li> <li>• Service area 17 - Distribution Network wholly funded activities (100% DN Operators)</li> <li>•</li> <li>• Service area 14 - Gemini Services (100% National Grid NTS)</li> </ul>
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	<p>Service area 17 is on the basis that FWACV impacts/changes identified are introduced but this would be determined through detailed design.</p> <p>The funding arrangements shown above are as per the Budget and Charging Methodology for the mentioned Service Area.</p>		
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
	<input type="checkbox"/> Shipper	XX %	XX %
	<input type="checkbox"/> National Gas Transmission	XX %	XX %
	<input type="checkbox"/> Distribution Network Operator	XX%	XX %
	<input type="checkbox"/> IGT	XX %	XX %
	<input type="checkbox"/> Other [please specify]	XX %	XX %
ROM or funding details:			
Funding Comments:	<p>A Rough Order of Magnitude (ROM) assessment has been completed, and initial high level indicative delivery costs are anticipated to be between £ £280,000 - £695.000.</p> <p>The range considers UK Link impacts that vary depending on the treatment of FWACV.</p>		

Please send the completed forms to: [pmo@xoserve.com](mailto:pmo@xoserve.com)