

Stage 01: Modification

0420:

New Connections Interruptible loads

At what stage is this document in the process?

- 01 Modification
- 02 Workgroup Report
- 03 Draft Modification Report
- 04 Final Modification Report

This modification proposes to allow New Connections the option to have a temporary interruptible gas supply on a DNO network while the DNO either goes out to the market place to agree a permanent interruptible contract, or uses the period of time that the temporary interruptible contract is in place to reinforce its network which subsequently allows the new connection to be made in a timely manner.



The Proposer recommends that this modification should be referred to a workgroup for assessment



High Impact:



Medium Impact: Distribution Networks



Low Impact:

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About this document:

This document is an amended modification, which will be assessed by the Workgroup.



3 **Any questions?**

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1 Summary

Is this a Self-Governance Modification?

SGN believes that this modification should be passed to a workgroup as it will impact on the following areas:

- Distribution Network Operators,
- Utility Infrastructure Providers,
- Independent Gas Transporters,
- Existing or future gas consumers,
- The Uniform Network Code governance procedures or modification procedures

Why Change?

The current governance for interruptible ~~contracts~~ supplies only allows established firm loads greater than 5,860,000kWh per annum to become ~~enter an~~ interruptible tender. Allowing Customers end users/shippers who want a new supply with an annual quantity greater than 5,860,000kWh the opportunity, where the need arises, to have a temporary interruptible contract supply will remove barriers and delays that may otherwise prevent new supplies being connected. This was included in the business rules for the original UNC Modification 0090 but was never implemented in the legal text.

Solution

This modification aims to allow new supply points sites that are potentially going to have a new gas supply the opportunity to apply for an interruptible contract supply from a DNO's system providing the new connection is going to have an Annual Quantity >5,860,000kWh. This modification excludes connections made onto the NTS and is not aimed at emergency interruption resulting from supply or system constraints on the NTS.

Impacts and Costs

To be confirmed No negative impacts have been identified in relation to the implementation of this proposal and there are no identified costs associated with implementation.

Implementation

To be confirmed Implementation could take place as soon as an Authority decision is received.

The Case for Change

The current governance in the UNC doesn't give DNOs the flexibility to allow new connections an interruptible contract supply if they have an AQ > 5,860,000kWh. As a result consumers end users / shippers are experiencing delays in being able to have their new supply connected which may result in them looking for alternative energy sources which will impact the growth of DNOs' networks, the wider gas industry and potentially UK Plc.

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Recommendations

SGN recommends that this modification proposal should proceed to a work group for assessment.

2 Why Change?

When a DNO receives an enquiry for a new supply network analysis is carried out to ensure the security of the network can be maintained once the new supply has been connected to the DNO's infrastructure. In a number of instances SGN has found that the infrastructure is unable to support the new load in times of 1 in 20 send out on the network, however the network maybe able to maintain the supply in times of e.g. 85% Peak Day Demand which would mean that there would be an opportunity to offer a Interruptible contract

This modification is proposing to amend the UNC so that it allows customers end users/shippers who wish to have a new supply point the facility to connect with as an interruptible contract customer this will allow them to benefit from the interruptible sites process. This change would allow customers end users/shippers to have their new supplies without the inconvenience of having to wait for reinforcement gas mains to be laid (depending on the network requirements for specific and general reinforcement), which may in some instances, depending on the size of the reinforcement project, take a number of years to complete. SGN feels that using the interruptible process would be a welcome alternative to customers end users/shippers having to wait for investment to be completed and would ultimately benefit customers and their businesses. Due to the benefits that this modification will bring to customers end users/shippers who want a new supply to be connected, we are proposing that the interruption contract will not have any monetary benefits attached to it-will have a zero option and exercise price attached to it. By proposing a zero charge we will not be discriminating against existing customers end users/shippers who haven't been offered an interruptible contract due to the tender process being bypassed to speed up the process.

MOD0090

The business rules in MOD0090 included a section that was developed to address Greenfield sites and new supply points (5.1.2 New Supply Points (Greenfield Sites)) however this was never implemented into the UNC code as the legal text omitted this section of the business rules.



Mod 0090

What is Mod 0090? Mod 0090 allows DNO's to determine the quantity of interruption they require on their networks and allows users more flexibility to request their interruption terms.

<http://www.gasgovernance.CO.uk/0090>

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3 Solution

Following a connection request/enquiry from a customer which is requiring major reinforcement, the DNO approaches the customer wishing to have a new connection and offers them an interruptible contract for a specific period of time through the registered shipper. The customer enters into the interruption contract with the DNO for their new gas supply on a firm supply basis attracting standard transportation charges.

The DNO will use the period in which the interruptible contract has been agreed to deliver the Firm capacity by either initiating an Ad Hoc interruption tender and/or working to provide the necessary reinforcement, whichever is suitable for the network in question. If an Ad Hoc interruption tender is initiated those Customers who have a firm contract and are eligible for an interruptible contract will have the opportunity to enter into an agreement for an interruptible contract. This process will also include the new customer as they will then be registered on the system and eligible to nominate and tender for a full interruption contract should they wish to do so. If the DNO secures an interruptible contract, the temporary interruptible contract can be removed and the new customer has a fully firm supply unless they win the tender and enter into a standard interruptible contract.

If the DNO chooses not to seek Interruption in the area, the temporary interruption contract will be in place until such time as the necessary reinforcement can be completed.

Following a new connection request from an end user/shipper that has been identified as requiring major reinforcement, the DNO will explain to the end user/shipper the temporary interruptible process so that they have the option of initiating this process providing that their annual demand is >5,860,000kWh (UNC G 6.1.2.j)

1. This modification refers only to new sites and does not include sites already registered.
2. All interruptible loads will be required to be daily metered for the entire period of the interruptible contract. The site must be registered with a shipper as daily metered with DMSP equipment at the contract start date.
3. The shipper entering into a temporary interruption contract with the DNO for their new gas supply do so at a zero option and zero exercise price.
4. The DNO will stipulate the capacity at the new supply point that may be interrupted prior to the end user / shipper entering into the contract.
5. The DNO will agree a period of time that the interruptible contract will run for.
6. The contract period may start and end at any point in time but it is anticipated that this will be closely linked to the period of time that the reinforcement works are expected to take to complete to ensure that the temporary interruptible contract doesn't run for any greater period of time than is necessary.
7. The DNO will stipulate to the end user /shipper the number of days in a gas year the new supply point could be interrupted.
8. If a shipper fails to interrupt then the current failure to interrupt charges will apply.
9. Sites that are entering into a temporary interruptible contract will be subject to the existing UNC interruptible rules.

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10. DNO's may also use the period in which the temporary interruptible contract has been agreed to deliver the Firm capacity by initiating an Ad Hoc interruption tender. If an Ad Hoc interruption tender is initiated those end users/shippers who have a firm contract and are eligible for an interruptible contract will have the opportunity to enter into an agreement for an interruptible contract. This process will also include the new end user/shipper as they will then be registered on the system and eligible to nominate and tender for a full interruption contract should they wish to do so.
11. The temporary interruptible contract may be removed at any time.
12. This modification does not include sites that already have a gas supply that are wishing to have an increase in their load. End users/shippers who want to have an increase in their load are able to have an interruptible load through the existing adhoc interruptible processes that are already in place.
13. This modification excludes connections made onto the NTS and is not aimed at emergency interruption resulting from supply or system constraints on the NTS

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4 Relevant Objectives

Impact of the modification on the Relevant Objectives: a and b	
Relevant Objective	Identified impact
a) Efficient and economic operation of the pipe-line system.	Yes
b) Coordinated, efficient and economic operation of (i) the combined pipe-line system, and/ or (ii) the pipe-line system of one or more other relevant gas transporters.	None <u>Yes</u>
c) Efficient discharge of the licensee's obligations.	None
d) Securing of effective competition: (i) between relevant shippers; (ii) between relevant suppliers; and/or (iii) between DN operators (who have entered into transportation arrangements with other relevant gas transporters) and relevant shippers.	None
e) Provision of reasonable economic incentives for relevant suppliers to secure that the domestic customer supply security standards... are satisfied as respects the availability of gas to their domestic customers.	None
f) Promotion of efficiency in the implementation and administration of the Code.	None
g) Compliance with the Regulation and any relevant legally binding decisions of the European Commission and/or the Agency for the Co-operation of Energy Regulators.	None

Maintaining the current UNC obligations on interruptible sites in its current state imposes ~~restrictions unnecessary costs on DNOs~~ and delays for new gas connections so by amending the UNC to allow new connections interruptible loads will better facilitate relevant objectives **a and b**.

5 Impacts and Costs

Consideration of Wider Industry Impacts

No wider industry impact anticipated.

Costs

No costs have been identified or are anticipated in relation to this modification.

Indicative industry costs – User Pays
Classification of the modification as User Pays or not and justification for classification
Not User Pays
Identification of Users, proposed split of the recovery between Gas Transporters and Users for User Pays costs and justification
Proposed charge(s) for application of Users Pays charges to Shippers
Proposed charge for inclusion in ACS – to be completed upon receipt of cost estimate from Xoserve

Impacts

Impact on Transporters' Systems and Process	
Transporters' System/Process	Potential impact
UK Link	Potential Impact None
Operational Processes	Yes
User Pays implications	None

Impact on Users	
Area of Users' business	Potential impact
Administrative and operational	Yes
Development, capital and operating costs	TBC
Contractual risks	TBC
Legislative, regulatory and contractual obligations and relationships	TBC

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Impact on Transporters	
Area of Transporters' business	Potential impact
System operation	Yes
Development, capital and operating costs	TBC
Recovery of costs	TBC
Price regulation	TBC
Contractual risks	Yes
Legislative, regulatory and contractual obligations and relationships	Yes
Standards of service	Yes

Impact on Code Administration	
Area of Code Administration	Potential impact
Modification Rules	<ul style="list-style-type: none"> • None
UNC Committees	<ul style="list-style-type: none"> • None
General administration	<ul style="list-style-type: none"> • None

Impact on Code	
Code section	Potential impact
	<ul style="list-style-type: none"> • TPD Section G
	<ul style="list-style-type: none"> •

Impact on UNC Related Documents and Other Referenced Documents	
Related Document	Potential impact
Network Entry Agreement (TPD I1.3)	<ul style="list-style-type: none"> •
Network Exit Agreement (Including Connected System Exit Points) (TPD J1.5.4)	<ul style="list-style-type: none"> • TBC
Storage Connection Agreement (TPD R1.3.1)	<ul style="list-style-type: none"> •
UK Link Manual (TPD U1.4)	<ul style="list-style-type: none"> •
Network Code Operations Reporting Manual (TPD V12)	<ul style="list-style-type: none"> •
Network Code Validation Rules (TPD V12)	<ul style="list-style-type: none"> •

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Impact on UNC Related Documents and Other Referenced Documents	
ECQ Methodology (TPD V12)	•
Measurement Error Notification Guidelines (TPD V12)	•
Energy Balancing Credit Rules (TPD X2.1)	•
Uniform Network Code Standards of Service (Various)	•

Impact on Core Industry Documents and other documents	
Document	Potential impact
Safety Case or other document under Gas Safety (Management) Regulations	•
Gas Transporter Licence	•

Other Impacts	
Item impacted	Potential impact
Security of Supply	•
Operation of the Total System	•
Industry fragmentation	•
Terminal operators, consumers, connected system operators, suppliers, producers and other non code parties	•

6 Implementation

No suggested implementation timescales are proposed. [This modification could be implemented as soon as possible following an Authority decision.](#)

7 The Case for Change

None in addition to that identified above.

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8 Legal Text

Suggested Text

To be provided.

9 Recommendation

The Proposer invites the Workgroup to assess the amended modification.