














Style Definition: TOC 1

UNC Modification		At what stage is this document in the process?
<h1>UNC 07XX:</h1> <h2>Changes to Offtake Profile Notice Submission Requirements</h2>		<div style="display: flex; flex-direction: column; gap: 5px;"> <div style="border: 1px solid green; background-color: #00a651; color: white; padding: 2px 5px; display: inline-block;">01 Modification</div> <div style="border: 1px solid #0070c0; background-color: #e6f2ff; padding: 2px 5px; display: inline-block;">02 Workgroup Report</div> <div style="border: 1px solid #9933cc; background-color: #f2e6ff; padding: 2px 5px; display: inline-block;">03 Draft Modification Report</div> <div style="border: 1px solid #ff9900; background-color: #fff9e6; padding: 2px 5px; display: inline-block;">04 Final Modification Report</div> </div>
<p><b>Purpose of Modification:</b></p> <p>To change the submission requirements for Offtake Profile Notices to allow values to be submitted in either volumes or energy, where currently only energy is specified in UNC.</p>		
	<p>The Proposer recommends that this modification should be:</p> <ul style="list-style-type: none"> <li>subject to self-governance</li> <li>assessed by a Workgroup</li> </ul> <p>This modification will be presented by the Proposer to the Panel on 18 Feb 2021. The Panel will consider the Proposer's recommendation and determine the appropriate route.</p>	
	<p>High Impact: None</p>	
	<p>Medium Impact: None</p>	
	<p>Low Impact: NTS, GDNs, Shippers</p>	

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			 <a href="mailto:UKLink@xoserve.com">UKLink@xoserve.com</a>
			Other: Insert name
			 email address
			 telephone

Timetable	
<b>The Proposer recommends the following timetable:</b>	
Initial consideration by Workgroup	04 February 2021
Initial consideration by Panel	18 February 2021
Workgroup Report presented to Panel	15 April 2021
Draft Modification Report issued for consultation	19 April 2021
Consultation Close-out for representations	07 May 2021
Final Modification Report available for Panel	14 May 2021
Modification Panel decision	20 May 2021

## 1 Summary

### What

The UNC currently provides for submission of Offtake Profile Notices (OPNs) to Transporters in only one format, an energy value provided in MW. The intent of this modification is to amend the text of UNC TPD Section J, Para 4.5.3, to enable future submissions to be provided in either energy or volume.

### Why

Some sites that are directly connected to the NTS have requested the ability to provide details of their offtake profile in volume values rather than in energy. National Grid NTS is already in a position to accept OPNs in a volume format but considers that a change to the UNC should be made to clarify this.

### How

Text will be inserted into UNC TPD Section J which expands the current means of submission to provide for OPN values to be submitted in either volume or energy units. National Grid NTS systems already allow for this so there are no system changes required for National Grid NTS, just an update to UNC text to enable a process that is already available for future use.

## 2 Governance

### Justification for Self-Governance

We do not believe that implementation of this Modification would have a material effect on any of the self-governance criteria. .

There is no cost to National Grid associated with the proposed changes and so no cost to be passed on to Users or sites.

The enhanced level of flexibility proposed by the Modification would not remove any existing functionality for Users or sites providing OPNs to National Grid and so there would be no requirement for Users or sites to make any system changes unless they chose to.

### Requested Next Steps

This modification should:

- be subject to self-governance
- be assessed by a Workgroup

## 3 Why Change?

The UNC currently provides that where an Offtake Profile Notice (OPN) is submitted to a Transporter, the values contained therein shall be energy values, but some parties that have sites directly connected to the NTS would prefer the unit of measurement to be the volume of gas taken from the NTS rather than the energy

it contains as a consequence of their sites being set up to record and monitor usage in volume rather than energy.

In such cases, conversion of a volume to energy using a Calorific Value (CV) is required to submit the notice. Conversion back to volume for the purposes of Network balancing is calculated by National Grid using a telemetered Calorific Value but if the initial submission was carried out using an averaged or approximate CV, the variation could lead to slight differences. The ability to select the more appropriate units, dependant on usage and the systems set-up at individual sites, could therefore give a more accurate picture when Offtake Profile Notices are submitted.

## 4 Code Specific Matters

### Reference Documents

[UNC Section J](#)

## 5 Solution

The Modification will amend TPD Section J, Para 4.5.3 to expand on the current requirement to provide the "rate of offtake" in MW by specifying a wider range of acceptable units, enabling either energy or volume submissions.

## 6 Impacts & Other Considerations

### Does this modification impact a Significant Code Review (SCR) or other significant industry change projects, if so, how?

There is no expected impact on any other industry change projects.

### Consumer Impacts

Directly connected NTS consumers will benefit from greater flexibility in how they submit their OPNs to National Grid NTS.

Initial discussion with GDNs has focused on the notices they send to National Grid, however, Section J 1.3.1 (c) defines "the Transporter" as the operator of the *upstream system* which in turn is defined in 1.3.1 (a) as *the NTS or (as the case may) the LDZ from which gas flows at such Inter-System Offtake*.

This definition could encompass GDNs, meaning that they may be in receipt of OPNs from industrial and commercial sites connected to their networks which currently would only be in energy (MW) and should this modification be approved, future OPNs could be submitted to GDNs in volumes. We feel it would be appropriate to give GDNs and other stakeholders the opportunity to discuss and input to the final wording of any changes to the legal text via workgroups to ensure the changes do not impact systems and processes where this may be unnecessary.

### Cross Code Impacts

There are no Cross-Code impacts.

### EU Code Impacts

There are no EU Code impacts.

### Central Systems Impacts

There are no impacts on central systems or National Grid operational control systems. The GCS application is already capable of converting data from energy to volume and vice-versa where required.

There may be system impacts for GDNs' operational control systems if they are currently unable to accommodate receipt of OPNs from DN connected sites in volume units, however the intent is to structure the modification to avoid this if any such costs would not be outweighed by benefits.

## 7 Relevant Objectives

### Impact of the modification on the Relevant Objectives:

Relevant Objective	Identified impact
a) Efficient and economic operation of the pipe-line system.	Positive
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
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

The proposed change affords flexibility allowing each site to choose the best option for them. Providing OPNs in the units most relevant to the use of the gas at the offtake avoids the need for conversions to be performed manually and could improve accuracy of OPNs without having any negative impact on National Grid as the GNCC is already set up to process these in multiple formats.

Improved accuracy makes control room decisions on any actions required to balance the network more informed, improving the efficiency with which the NTS is run which in turn would feed through to the LDZs.

## 8 Implementation

Self-governance procedures are proposed; therefore, implementation could be effective from the sixteenth business day following Panel direction to implement.

## 9 Legal Text

### Text Commentary

Legal text to follow

### Text

Legal text to follow

## 10 Recommendations

### Proposer's Recommendation to Panel

Panel is asked to:

- Agree that self-governance procedures should apply
- Refer this proposal to a Workgroup for assessment.