

UNC Workgroup 0794S Minutes
Title Obligation for DNOs to Continue Provision of Gas Composition
Information to National Grid NTS

Friday 07 January 2022

via Microsoft Teams

Attendees

Eric Fowler (Chair)	(EF)	Joint Office
Karen Visgarda (Secretary)	(KV)	Joint Office
Ben Hanley	(BH)	NGN
Ben Oldham	(BO)	Cadent
Bethan Winter	(BW)	Wales & West Utilities
Catherine Litster	(CL)	Wales & West Utilities
Christopher Syrett	(CS)	E.ON
David Mitchell	(DM)	SGN
Darren Dunkley	(DD)	Cadent
Ellie Rogers	(ER)	Xoserve
Fiona Cottam	(FC)	Correla
Guv Dosanjh	(GD)	Cadent
Louise McGoldrick	(LMG)	National Grid
Matthew Newman	(MN)	National Grid
Mark Field	(MF)	Sembcorp
Phil Lucas	(PL)	National Grid
Richard Pomroy	(RP)	Wales & West Utilities
Sally Hardman	(SH)	SGN
Shiv Singh	(SS)	Cadent
Stephan Ruane	(SR)	National Grid
Steve Pownall	(SP)	Xoserve
Tom Stuart	(TS)	Wales & West Utilities
Tracey Saunders	(TSa)	Northern Gas Networks

Copies of all papers are available at: <http://www.gasgovernance.co.uk/0794/070122>

The Workgroup Report is due to be presented at the UNC Modification Panel by 17 March 2022.

1.0 Outline of Modification

Phil Lucas (PL) introduced the Modification and explained it would formalise in the UNC the existing provision of daily information from the Distribution Network Operators (DNOs) to National Grid NTS (National Grid) regarding gas composition at specified points on their respective networks.

He provided an overview of the content of the new Modification and summarised why the change was needed as detailed below:

CV and Emissions Calculations.

- From April 2022, Xoserve will receive 'YO' and 'AI' file information from DNs in order to determine Charging Area CVs
 - This information is currently issued to National Grid

- *National Grid has an enduring requirement to calculate emissions from its Compressor fleet hence require ongoing provision of 'ZO' file information*

Options

- *Continuation of existing communication is considered the optimal approach.*
- *National Grid NTS is seeking reflection of current scope of data provided and timings (i.e., no enhancements sought)*

Proposed Solution

- *New OAD obligations for the relevant DNO to provide to National Grid the specified gas composition information to be provided for each day by 08:00 hours on the following day ('D+1*
 - *11 data items Methane, Ethane, Propane, i butane, n butane, i pentane, n pentane, neo pentane, C6+, Carbon dioxide*, Nitrogen*)*
 - *at specified primary and backup locations (39 in*
- *Notification as soon as practicable where:*
 - *changes are made to the site/system configuration (for example Site number, Analyser serial number or type)*
 - *planned equipment outages*
 - *loss of records" occurrences*

** OAD Sections D and E already contain obligations to provide these data items via telemetry as two items of "measured data" (D1.2.1(d)*

Areas for Consideration

- *DNs intentions regarding ongoing provision of 'ZO' file in light of the anticipated change to the provider of the Charging Area CV service from April 2022*
- *National Grid consideration of:*
 - *duration of obligation*
 - *options for DN's to elect to discontinue provision (with notice)*
 - *form of data provision*
 - *limitations on use of data (i.e., for permitted purpose)*
 - *consideration of an interim solution pending agreement of an enduring solution*
 - *option for recovery of any additional costs reasonably incurred by DNs*
 - *existing obligations to provide one or more of the data items in question*

Discussion:

Richard Pomroy (RP) questioned why nitrogen and carbon dioxide were required. PL explained this was a requirement as set out in the OAD and that these data items had to be completed. RP said he was not sure these might be redundant in due course. Catherine Litster (CL) confirmed that these items were a valid and current requirement. Darren Dunkley (DD) also concurred that these 2 items were mandatory data items as defined in the OAD.

Shiv Singh (SS) asked why this information was needed from the DNO's and why it could not be sourced from the NTS by National Grid Gas (NGG). PL provided an overview of the process, and that data was sourced from DN equipment and reiterated the interim service would end on 01 April 2022 and hence the need for a new service. He noted that if the enduring proposed solution was not accepted then another interim service would have to be put in place, for the reasons as stated above.

Ben Hanley (BH) asked if all the 11 items as listed above were required and PL confirmed this was correct and he asked what the DNO's intentions were in respect of the ZO file from April onwards.

A lengthy general discussion took place and the Workgroup said that sending the ZO file separately would be difficult as this file was linked to the YO file and it was not easy to split these prior to submission, which would in turn mean an on cost for this split activity.

Northern Gas Networks and Wales and West Utilities confirmed they send all the 3 files: YO, AL, and ZO all in one go. Cadent stated they did not have the technical expertise on the call to provide more information, but SS did note that he knew that Cadent would not be sending the ZO files moving forward. SGN also stated that this would have to be discussed internally and PL said he was under the impression following other conversations that SGN would be sending the ZO file.

DD asked if it was possible for the CDSP to split the data, once they received it. SS said that this had already been discussed and that the ZO file was out of scope, so had not been taken forward as part of the other modification.

Richard Pomroy (RP) said in that case, could NGG speak with the CDSP to provide that service and add this scope into the Modification solution. PL said this would only work if all the DNOs were sending the ZO file to the CDSP, and that this needed to be confirmed.

New Action 0101: All DNOs to confirm to NGG (PL) that the ZO files will be sent to the CDSP.

PL provided a walk-through of the Modification and drew attention to the Location Table below:

National Grid Compressor Site	Gas Composition Data Site – Primary	Gas Composition Data Site - Backup	Relevant DN
Aberdeen	Aberdeen	Balgray	Scotia Gas Networks
Alrewas	Alrewas C	Austry	Cadent
Avonbridge	Armadale	Drum	Scotia Gas Networks
Aylesbury	Ipsden	Hardwick	Scotia Gas Networks
Bishop Auckland	Bishop Auckland	Elton	Northern Gas Networks
Cambridge	Great Wilbraham	Royston	Cadent
Carnforth and Nether Kellet	Lupton	Wetheral	Cadent (Primary) Northern Gas Networks (Backup)
Chelmsford	Yelverton	Roudham Heath	Cadent
Churchover	Rugby	Market Harborough	Cadent
Diss	Yelverton	Roudham Heath	Cadent
Felindre	Ross	Fiddington	Cadent (Primary)

			Wales and West Utilities (Backup)
Hatton	(National Grid)	Gosberton	Cadent (Backup)
Huntingdon	Peterborough Eye	Hardwick	Cadent (Primary) Scotia Gas Networks (Backup)
Kings Lynn	West Winch	(National Grid)	Cadent (Primary)
Kirriemuir	Balgray	Aberdeen	Scotia Gas Networks
Lockerley	Ipsden	Winkfield	Scotia Gas Networks
Peterborough	Peterborough Eye	Caldecott	Cadent
St Fergus	(National Grid)	Aberdeen	Scotia Gas Networks (Backup)
Wisbech	Gosberton	West Winch	Cadent
Wooler	Saltwick	Armadale	Northern Gas Networks (Primary) Scotia Gas Networks (Backup)
Wormington	Fiddington	Evesham	Wales and West Utilities

A general discussion took place regarding the location table, and it was agreed that each DNO needed to confirm that the valid allocation for each data site as per the location table above table and to confirm any amendments directly to Phil Lucas phil.lucas@nationalgrid.com

New Action 0102: All DNOs to confirm to Phil Lucas directly that the valid allocation for each data site is correct as per the location table. Phil Lucas phil.lucas@nationalgrid.com

BH asked with regards to the Additional Requirements if these were a nice to have or whether they were a legislative requirement. PL drew attention to the links as detailed below regarding this matter, that are included in the Modification within Section 4 and confirmed they are a legislative requirement.

The Environmental Permitting (England and Wales) Regulations 2016

<https://www.legislation.gov.uk/uksi/2016/1154/contents/made>

The Pollution Prevention and Control (Scotland) Regulations 2012

<https://www.legislation.gov.uk/ssi/2012/360/contents/made>

UK Emissions Trading Scheme - The Greenhouse Gas Emissions Trading Scheme Order 2020

<https://www.legislation.gov.uk/ukdsi/2020/9780348209761/contents>

Christopher Syrett (CS) questioned why the hourly levels of each 11 items were required. PL said this is the granularity used to produce the daily report against a legislative perspective and PL verbalised the below regarding this area.

“This data is required for our continued legal compliance to the following –

- *Environmental Permitting and Pollution Prevention and Control regulations for the accurate and consistency reporting of:*
 - *Energy usage*
 - *Natural gas venting emissions*
 - *Calculation of NOX and CO emissions*
- *UK Emissions Trading System (UKETS) regulations for the accurate, consistent reporting of CO2 emissions and to maintain the reporting of those emissions to specified uncertainty tolerances*
- *Annual RRP reporting to OFGEM*
 - *CO2, NOx and vented natural gas emissions”*

RP said regarding the flow weighted average data that this was in the termination clause and so he was confused as to why that data would be sent, as NGG would not need it or want it. He stated he did not think this was a UNC matter more a bi-lateral agreement outside the UNC and he did not think an enduring solution was the right approach.

PL said that clearly there was a tight timeline for implementation and so he would be grateful for all comments directly to him in an expedient timeframe. phil.lucas@nationalgrid.com

2.0 Initial Discussion

2.1. Issues and Questions from Panel

2.1.1. Consider Self-Governance status

For discussion at the additional meeting on 04 February 2022

2.1.2. Consider File Flow Impacts

For discussion at the additional meeting on 04 February 2022

2.2. Initial Representations

None received.

2.3. Terms of Reference

As matters have been referred from Panel a specific Terms of Reference will be published alongside the Modification at <https://www.gasgovernance.co.uk/0794>

3.0 Next Steps

EF confirmed that it was a tight timeline and as such another extra meeting was then confirmed for 04 February 2022 to discuss the actions, revised solution, Self-Governance status, File Flow impacts, the amended Modification and Legal Text.

4.0 Any Other Business

None.

5.0 Diary Planning

Further details of planned meetings are available at: www.gasgovernance.co.uk/events-calendar/month

Workgroup meetings will take place as follows:

Time / Date	Paper Publication Deadline	Venue	Programme
10:00 Friday 04 February 2022	5pm Thursday 27 January 2022	Microsoft Teams	Detail planned agenda items. <ul style="list-style-type: none"> • Consider Self-Governance status • Consider File Flow Impacts • Amended Modification • Consideration of Business Rules • Review of Impacts and Costs • Review of Relevant Objectives • Consideration of Wider Industry Impacts • Consideration of Legal Text • Development of Workgroup Report

Action Table (as at 07 January 2022)

Action Ref	Meeting Date	Minute Ref	Action	Owner	Status Update
0101	07/01/22	1.0	All DNOs to confirm to NGG (PL) that the ZO files will be sent to the CDSP.	All DNO's	Pending
0102	07/01/22	1.0	All DNOs to confirm to Phil Lucas directly that the valid allocation for each data site is correct as per the location table. Phil Lucas phil.lucas@nationalgrid.com	All DNO's	Pending