

**UNC Workgroup 0693R Minutes**  
**Treatment of kWh error arising from statutory volume-energy conversion**

**Tuesday 22 October 2019**

**at Radcliffe House, Blenheim Court, Warwick Road, Solihull B91 2AA**

**Attendees**

Rebecca Hailes (Chair)	(RH)	Joint Office
Helen Cuin (Secretary)	(HCu)	Joint Office
Andy Clasper	(AC)	Cadent
Carl Whitehouse *	(CW)	Shell
David Mitchell *	(DM)	SGN
Fiona Cottam	(FC)	Xoserve
Guv Dosanjh	(GD)	Cadent
Kirsty Dudley	(KD)	E.ON
Lorna Lewin *	(LL)	Orsted
Louise Hellyer	(LH)	Total Gas & Power
Mark Bellman	(MB)	Scottish Power
Mark Jones	(MJ)	SSE
Mark Palmer *	(MP)	Orsted
Megan Coventry *	(MC)	SSE
Naomi Anderson	(NA)	Utility Warehouse
Oorlagh Chapman	(OC)	British Gas
Phil Lucas *	(PL)	National Grid
Rhys Kealley	(RK)	British Gas
Rob Johnson *	(RJ)	Waters Wye Associates
Rose Kimber	(RKi)	Contract Natural Gas
Stephanie Clements *	(SC)	Scottish Power
Steven Britton *	(SB)	Cornwall Insight

*\*via teleconference*

Copies of all papers are available at: [www.gasgovernance.co.uk/0693/221019](http://www.gasgovernance.co.uk/0693/221019)

The Workgroup Report is due to be presented at the UNC Modification Panel by 19 December 2019.

**1. Introduction and Status Review**

The meeting was confirmed to be quorate.

**1.1. Approval of Minutes (23 September 2019)**

The minutes from the previous meeting were approved.

**2. Request for Information Update**

MB provided a brief update on the status of the Request. It was agreed to review the outstanding actions and defer further discussion of this item until further consideration can be given on the available temperature and pressure data.

**3. Consideration of Potential Solution**

This item was deferred.

**4. Development of Request Workgroup Report**

This item was deferred.

**5. Review of Outstanding Actions**

**0801:** All DNs to investigate what data is available over 12 months; metered volume and corrected energy for all offtakes in relation to that LDZ including the CV for that offtake – (easier to choose an LDZ that has no LDZ-LDZ connections).

**Update:** It was understood that DNs record the temperature and pressure used at specific offtakes along with the time and date of that measurement. MB explained that he wished to have access to temperature and pressure data to try to ascertain how this would affect calculations of the energy, as compared with standard conditions, to get a feel for the magnitude of the error. He explained a link to possible UIG at an offtake point.

DM explained that DNs sometimes heat gas in the network to stop the freezing of gas. As gas enters the lower pressure system, the gas has to be heated to stop it freezing. MB wished to understand to what temperature the gas is heated to, and the pressure at that point.

MB enquired if DNs measure the temperature of gas. DM indicated that he would seek more information on this and would speak to SGN process experts to establish the typical temperature range of gas at SGN Offtake sites. MB explained that having the temperature and pressure information would assist understanding the potential impact to UIG.

MB explained the need to understand how much of a difference there is between actual measurements and the standard conversion factor. If the same conditions are replicated at a meter point it will indicate if further investigation is required.

The Workgroup considered other sources of data and parties that may be able to assist Scottish Power obtaining the information required. It was suggested that the Independent Technical Experts (ITEs) for Significant Measurement Errors may be an alternative source to obtain information. MB also noted that the AUGÉ may be able to assist.

It was agreed that MB would email the Joint Office with details of the information they hope to obtain for onward communication.

<b>New Action 1001:</b> MB to email the Joint Office for onward communication to the registered ITEs, DNs and any other suitable parties.
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<b>New Action 1002:</b> JO to invite the AUGÉ to dial into the next 0693R Workgroup meeting.
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AC confirmed the data set being requested is extensive and very difficult to extract. MB explained that a 1-degree difference in temperature could result in UIG. PL confirmed he had made some enquiries with National Grid Operations and understood the information is a feed from DN equipment. AC reiterated that there would be issues extracting the data. MB asked the DNs to review the possibility of providing the data and provide an update next month.

**Carried Forward.**

**0802:** Scottish Power (MB) to engage with Ofgem Jon Dixon (JD) regarding the legality of a sharing-type treatment in relation to the Gas (Thermal Energy) Regulations.

**Update:** MB confirmed that Ofgem had committed to providing a view. **Carried Forward.**

**0803:** Joint Office (RH) to engage with Ofgem Jon Dixon (JD) in relation to the content and context of the Request.

**Update:** MB confirmed he had engaged with Ofgem and they are looking at the legal view. See Action 0802. **Carried Forward.**

**0804:** Joint Office (RH) to engage with Dave Lander at Dave Lander Consulting in relation to previous paper he had produced on gas energy measurement.

**Update:** RH confirmed a copy of the Dave Lander Report had been published and she would contact D Lander. **Carried Forward.**

**0901:** Xoserve to provide update on the meter temperature data exercise from the AUG Subcommittee.

**Update:** FC confirmed permission had been provided from Cadent to use the AUGE report, to assist looking at what information is available from a temperature study at offtake meters (commissioned by Transco 10 years ago). FC confirmed the AUGE will have access to the report data but the information is unlikely to be generally available. **Carried Forward.**

**0902:** Shippers/Transporters to investigate and provide any gas temperature data available for the 0693 Request Workgroup to consider.

**Update:** See Action 0801 Update. **Carried Forward.**

## 6. Next Steps

RH outlined the next steps as follows:

- Request for Information Update
- Consideration of Potential Solution
- Development of Request Workgroup Report
- Request extension until March 2020.

## 7. Any Other Business

None.

## 8. Diary Planning

Further details of planned meetings are available at: [www.gasgovernance.co.uk/events-calendar/month](http://www.gasgovernance.co.uk/events-calendar/month)

Workgroup meetings will take place as follows:

Time / Date	Venue	Workgroup Programme
10:30 Tuesday 26 November 2019	Radcliffe House, Blenheim Court, Warwick Road, Solihull B91 2AA	Request for Information Update Consideration of Potential Solution Review Request Workgroup Report
10:30 Thursday 12 December 2019	Radcliffe House, Blenheim Court, Warwick Road, Solihull B91 2AA	Finalise Request Workgroup Report

**Action Table (as at 22 October 2019)**

Action Ref	Meeting Date	Minute Ref	Action	Owner	Status Update
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**Action Table (as at 22 October 2019)**

<b>Action Ref</b>	<b>Meeting Date</b>	<b>Minute Ref</b>	<b>Action</b>	<b>Owner</b>	<b>Status Update</b>
<b>0801</b>	20/0819	1.0	All DNs to investigate what data is available over 12 months; metered volume and corrected energy for all offtakes in relation to that LDZ including the CV for that offtake – (easier to choose an LDZ that has no LDZ-LDZ connections.	ALL DNs	<b>Carried Forward</b>
<b>0802</b>	20/0819	1.0	ScottishPower (MB) to engage with Ofgem Jon Dixon (JD) regarding the legality of a sharing type treatment in relation to the Gas (Thermal Energy) Regulations.	Scottish Power (MB)	<b>Carried Forward</b>
<b>0803</b>	20/0819	1.0	Joint Office (RH) to engage with Ofgem Jon Dixon (JD) in relation to the content and context of the Request.	Joint Office (RH)	<b>Carried Forward</b>
<b>0804</b>	20/08/19	1.0	Joint Office (RH) to engage with Dave Lander at Dave Lander Consulting in relation to previous paper he had produced on thermal energy.	Joint Office (RH)	<b>Carried Forward</b>
<b>0901</b>	23/09/19	2.0	Xoserve to provide update on the meter temperature data exercise from the AUG Subcommittee.	Xoserve (Fiona Cottam)	<b>Carried Forward</b>
<b>0902</b>	23/09/19	2.0	Shippers/Transporters to investigate and provide any gas temperature data available for the 0693 Request Workgroup to consider.	Shippers/Transporters	<b>Carried Forward</b>
<b>1001</b>	22/10/19	5.0	MB to email the Joint Office for onward communication to the registered ITEs.	Scottish Power (MB)	<b>Pending</b>
<b>1002</b>	22/10/19	5.0	Joint Office to invite the AUGE to dial into the next 0693R Workgroup	Joint Office (RH)	<b>Pending</b>