

**UNC Workgroup 0659S Minutes**  
**Improvements to the Composite Weather Variable**  
**Tuesday 31 July 2018**

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

**Attendees**

Bob Fletcher (Chair)	(BF)	Joint Office
Helen Bennett (Secretary)	(HB)	Joint Office
Carl Whitehouse	(CW)	First Utility
Emma Smith	(ES)	Xoserve
Fiona Cottam	(FC)	Xoserve
Irina Bertrand	(IB)	Brook Green Supply
John Welch	(JW)	npower
Joseph Lloyd	(JL)	Xoserve
Kirsty Dudley*	(KD)	E.ON
Louise Hellyer	(LH)	Total Gas & Power
Luke Reeves*	(LR)	EDF Energy
Mark Bellman	(MB)	Dataserve UK
Mark Palmer*	(MP)	Orsted
Martin Attwood	(MA)	Xoserve
Megan Coventry*	(MC)	SSE
Rhys Kealley*	(RK)	British Gas
Shaheeni Vekaria*	(SV)	Utility Warehouse
Steven Britton*	(SBr)	Cornwall Insight

\* *via teleconference*

Copies of all papers are available at: <https://www.gasgovernance.co.uk/0659/310718>

The Workgroup Report is due to be presented at the UNC Modification Panel, 15 November 2018.

**1.0 Introduction and Status Review**

The minutes from the previous meeting were approved.

Initially, in the absence of the proposer it was agreed for the Workgroup to go through the presentations provided.

**2.0 Consideration of Amended Modification**

Joseph Lloyd (JL) summarised the presentation provided by E.ON advising that the reason for the presentation is that E.ON believe that weather impacts are not fully recognised in the current methodology.

Walking through the presentation, JL did suggest that looking at one day in isolation doesn't give a true reflection as the trend over the previous days needs to be considered.

Mark Bellman (MB) asked at what points are temperatures taken, JL clarified that 12 readings are taken, usually at odd hours throughout the 24-hour day (1o'clock, 3o'clock, 5o'clock, 7o'clock etc).

Louise Hellyer (LH) asked if the methodology might need to be different for I&C sites as some are not as weather sensitive as others. JL clarified that CWV is an LDZ attribute and that the modelling is done at an overall demand level.

Referring to the paper that Jason Blackmore, British Gas provided for the meeting, in particular the paper titled Including Additional Weather terms in CWV, Irina Bertrand (IB) asked if there is a high chance that solar will be included in the formula and the timeline.

To answer this question, Fiona Cottam (FC) explained that a system change would be very likely to add solar in to the methodology and that the review of the Composite Weather Variable definition and the Seasonal Normal typically takes around a year for exploratory phases and actual calculation. The CDSP requires the new values for the start of the NDM Modelling in early/mid-January, ready for the following Gas Year. This means that the target is normally completion by Christmas for go-live the following Gas Year. For instance, for the values which went live on 01 October 2015, the detailed work was done during 2014. For a target date of 01 October 2020, the decision making and analysis would have to take place in 2019.

Therefore, this Workgroup needs to conclude by the end of 2018 so that any findings on new weather items and how to use them could be incorporated in the actual analysis phase, which is undertaken during the Spring so as to include the latest demand information.

Xoserve published an initial presentation at the recent DESC meeting, setting out the objective and provisional meeting dates for CWV/SNCWV review which can be found here:

<https://www.gasgovernance.co.uk/sites/default/files/ggf/2018-07/DESC%202019%20Diary%20Planning%2020180724.pdf>

It was mentioned that the CWV/SNCWV review could run in parallel with this modification using the Xoserve analysis alongside to reach a conclusion.

Kirsty Dudley (KD) said that if it meant getting some of the elements implemented sooner, she would be happy to narrow the scope of Modification 0659.

FC reconfirmed that the stumbling block is the system change that would be required. Once a formula has been worked out there would be a need for 100% confidence in a system change being implemented prior to October.

Mentioning the UIG Taskforce, Carl Whitehouse (CW) asked what can be delivered in Modification 0659 that can't be delivered through the Taskforce.

When asked, JL advised that if the decision was to use historic data sets to speed up the timeline, then there would be nothing to learn and there wouldn't be a requirement for Demand Estimation.

FC offered a walkthrough of the plan on a page that is presented to the DSC Change Management Committee meetings which details what is on the horizon for the UIG Taskforce. The workgroup agreed that would be a good way forward. This walkthrough is covered in AOB in the main UIG Workgroup minutes.

FC clarified:

- Anything that is put in to CWV formula needs reliable forecast data at the key point;
- Temperature is 2 hourly, wind speed is 4 hourly;
- Need a reliable quality stream of forecast data to be put in to the CWV formula.

### 3.0 Development of Workgroup Report

The Workgroup Report was not updated at this meeting.

### 4.0 Review of Outstanding Actions

**0601:** All attendees to provide to the Workgroup any examples of certain weather conditions where the CWV does not work quite as well in the Xoserve/Industry models.

**Update:** No examples received. **Closed**

## 5.0 Next Steps

JL strongly suggested attendees look at the papers provided by Jason Blackmore, British Gas which can all be found here: <https://www.gasgovernance.co.uk/0659/310718> and are labelled:

- Analysis of residuals
- Including Additional Weather Terms in CWV
- Solar Impacts on Gas Demands

BF raised a concern that papers for this meeting were provided only in the last day or so which gives very little time for Workgroup attendees to consider the content in order to give feedback.

## 6.0 Any Other Business

## 7.0 Diary Planning

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

Workgroup meetings will take place as follows:

Time / Date	Venue	Workgroup Programme
10.00 Tuesday 28 August 2018	Radcliffe House, Blenheim Court Warwick Road Solihull B91 2AA	Detail planned agenda items.
10.00 Wednesday 03 October 2018	Radcliffe House, Blenheim Court Warwick Road Solihull B91 2AA	Detail planned agenda items.
10.00 Wednesday 31 October 2018	Radcliffe House, Blenheim Court Warwick Road Solihull B91 2AA	Detail planned agenda items.

**Action Table (as at 31 July 2018)**

Action Ref	Meeting Date	Minute Ref	Action	Owner	Status Update
0601	27/06/18	1.0	All attendees to provide to the Workgroup any examples of certain weather conditions where the CWV does not work quite as well in the Xoserve/Industry models.	All	Closed