

UNC Demand Estimation Sub-committee Technical Workgroup Minutes

Monday 22 September 2014

31 Homer Road, Solihull B91 3LT

Attendees

Helen Cuin (Chair)	(HC)	Joint Office
Ian Hollington (Secretary)	(IH)	Joint Office
Christian Ivaha	(CI)	British Gas
Colin Thomson*	(CT)	Scotia Gas Networks
Fiona Cottam	(FC)	Xoserve
Indre DeksnYTE	(ID)	Northern Gas Networks
James Hanks*	(JH)	EDF Energy
Joseph Lloyd	(JL)	Xoserve
Mandeep Pangli	(MPa)	Xoserve
Mark Perry	(MPe)	Xoserve
Richard Pomroy*	(RP)	Wales & West Utilities
Rob Nickerson	(RN)	National Grid NTS
Sallyann Blackett	(SB)	E.ON
Tim Wong	(TW)	British Gas

* via teleconference

Copies of papers are available at: <http://www.gasgovernance.co.uk/DESC/220914>

1. Introduction

1.1. Apologies for absence

C.Warner (National Grid Distribution)

2. Status Review

2.1. Minutes

The minutes from the previous Technical Workgroup (18 August 2014) were approved.

2.2. Actions

DTW0801: Effective temperature (ET) - Xoserve to repeat analysis of cold weather days showing results only for non-holiday Monday to Thursday days for 4 LDZs (NE, SC, SW and WM).

Update: JL confirmed that this information had been published and a positive decision reached. **Closed**

DTW0802: CWV Optimisation - Xoserve to incorporate an additional run in the trial phase for at least one LDZ using demand and weather data from 2004/05 onwards (9 year period).

Update: JL provided a presentation on this subject. Please see item 3 below. The topic is to be discussed further at the next meeting. **Carried forward**

3. CWV Optimisation Update

JL provided two presentations: [19 September 2014 CWV Optimisation Background](#) and [19 September 2014 CWV Optimisation Trial Phase Update](#). He explained that the Background presentation provided details of the approach and process, and could be used as a point of reference. The Trial Phase update presentation would contain the latest update on progress including charts, tables and results. .

JL talked through the CWV Optimisation Background presentation to recap on the process and also to remind the group of decisions on changes that TWG had made in recent meetings

In response to a question from SB about the commitment to introduce a new formula / approach for the CWV post UK Link replacement FC confirmed that the final modification report did not set a firm timescale for the implementation of a new algorithm.

In answer to a question from CI, JL explained that the revised CWV parameters are being optimised to find the best fit to aggregate NDM demand over a number of years to prevent them from being skewed and went on to explain the methodology used to run the trial. He also confirmed that the figures were a straight average and not weighted.

In order to display a sample from the trial he went through the results from the South West LDZ but agreed to circulate the full set of results shortly. He asked the group to feedback their thoughts and suggestions over the next few days so that they could be reviewed at the meeting on 15 October. In particular he was looking for opinions on which timescales the members thought would be best in order to optimise the parameters used in the calculations.

Action: DTW0901. All to review trial results provided by JL and provide feedback in time to allow a review of the trial at 15 October meeting

4. Seasonal Normal Review Update

MPE gave an update on the Seasonal Normal process [Seasonal Normal Review Update](#) and pointed out that a first draft methodology document for deriving the SNCWV had been published [Draft Approach to Seasonal Normal Basis 2015](#). MPE explained the current basis and the new UNC requirements for it to be based on output derived from Climate Change Methodology.

MPE advised that although the document had been published it was only 90% complete as it currently did not include an explanation of how any smoothing would be applied. He asked the workgroup to provide their views on this and expressed the aspiration to have the document completed and agreed in time for the 15 October meeting, offering to supply members with sample data that could be used if they wished to try testing some of their own suggested smoothing methods.

CI and SB went on to advise that the Met Office recommended a 5 day smoothing period within the Climate Change Methodology project and suggested we should perhaps be consistent with that approach. All agreed that an appropriate smoothing variable should be used in the calculation in order to retain signals but provide enough smoothing to ensure the ensuing parameters are sensible. MPE agreed to provide draft profiles for the 4 trial LDZs showing a 5 day centred moving average and share with TWG to review.

Action: DTW0902. All to review trial SNCWV calculations and methodology document provided by Xoserve and provide feedback in time to review at 15 October meeting

5. Any Other Business

None

6. Diary Planning

Meetings will take place as follows:

DESC and DESC Technical Workgroup Meetings 2014

Time / Date	Venue	Meeting	Programme
10:00 Wednesday 15 October 2014	31 Homer Road, Solihull B91 3LT	DESC TWG followed by DESC	<p><i>For DESC TWG:</i></p> <ul style="list-style-type: none"> - CWV Optimisation trial phase sign off - Seasonal Normal Review approach sign off <p><i>For DESC:</i></p> <ul style="list-style-type: none"> - 0451AV Profile - CWV Optimisation trial phase - Seasonal Normal Review approach - Gas Day -
10:30 Wednesday 12 November 2014	Energy Networks Association (ENA), 6 th Floor, Dean Bradley House, 52 Horseferry Road, London SW1P 2AF	DESC	Evaluation of Algorithm Performance: Strand 1 – SF and WCF

Technical Workgroup Action Table					
Action Ref	Meeting Date(s)	Minute Ref	Action	Owner	Status Update
DTW0801	18/08/14	3.0	<i>Effective temperature (ET)</i> - Xoserve to produce additional analysis to show results for Monday-Thursday for 4 LDZs (NE, SC, SW and WM).	Xoserve (JL)	Closed
DTW0802	18/08/14	3.0	<i>CWV Optimisation</i> - Xoserve to incorporate an additional run in the trial phase for at least one LDZ using demand and weather data from 2004/05 onwards (9 year period).	Xoserve (JL)	Carried forward
DTW0901	22/09/14	3.0	All to review trial results provided by JL and provide feedback in time to allow a review of the trial at 15 October meeting	All	Pending
DTW0902	22/09/14	4.0	All to review trial SNCWV calculations and methodology document provided by Xoserve and provide feedback in time to review at 15 October meeting	All	Pending