

UNC Demand Estimation Sub-committee Technical Workgroup Minutes

Tuesday 25 March 2014

31 Homer Road, Solihull B91 3LT

Attendees

Helen Cuin (Chair)	(HC)	Joint Office
Lorna Dupont (Secretary)	(LD)	Joint Office
Christian Ivaha	(CI)	British Gas
Fiona Cottam	(FC)	Xoserve
Jacob Prime	(JP)	Xoserve
James Hanks	(JH)	EDF Energy
Joseph Lloyd	(JL)	Xoserve
Mandeep Pangli	(MPa)	Xoserve
Mark Perry	(MP)	Xoserve
Mo Rezvani	(MR)	SSE
Sallyann Blackett	(SB)	E.ON UK

Copies of papers are available at: www.gasgovernance.co.uk/DESC/250314

1. Introduction

The meeting was declared quorate.

1.1. Apologies for absence

C Warner (National Grid Distribution), C Thomson (Scotia Gas Networks).

1.2. Note of Alternates

FC (Xoserve) for C Warner (National Grid Distribution).

2. Status Review

2.1. Minutes

The minutes from the previous Technical Workgroup (12 February 2014) were approved.

2.2. Actions

DTW1102 (revised): b) Xoserve to provide a view on how long it would take to fill the gaps in historical weather data, and by when.

Update: MP explained this action would be completed after the methodology for gap filling was agreed. **Carried Forward**

DTW1103 (revised): Shippers to look at the data gaps and consider a gap filling interpretation methodology (i.e. define how to work out an expected value for each weather variable and provide analysis to see how it might fit/performance) and how it is to be applied.

Update: SB provided some data and graphs for the Workgroup to consider. This was discussed. SB agreed to undertake some further validation and analysis. MP commented that TWG should aim to select an approved approach at the TWG meeting on 28 April 2014. **Complete**

NEW Action DTW0301: E.ON to test the accuracy of the gap interpretation methodology and provide an explanation/document of how it is to be applied.

DTW0201: E.ON (SB) to provide a copy of the E.ON overnight temperature behavioural pattern data to Xoserve for their consideration.

Update: Work in progress. **Carried Forward**

DTW0202: Technical Workgroup members to review the document and provide feedback, and answers to outstanding questions (if any remain), within 1 week of the publication date of the document.

Update: No feedback received to date; new action agreed – see item 3. **Closed**

3. CWV Optimisation Update

MP confirmed the documentation had been made available for parties to review and provide feedback but none had been received to date.

CI enquired about the optimisation and the use of the pseudo SNET. FC reiterated a brief outline of the approach, and the Workgroup considered the use of the pseudo SNET. The figure on page 1 of the document was reviewed and discussed. MP observed that optimisation of V1 and V2 might improve the fit over the summer. CI referred to overstatement over the summer (CWV was too warm). SB commented that to make it time of year specific it has to go into the pseudo SNET. Most of the models do not pick up on summer demands; this might need to be shaped using the pseudo SNET.

CI believed the document to be a good start but that it required further additions. MP indicated that the document acknowledges the aspiration to revise it after Nexus.

SB suggested tracking pseudo SNET across the summer to see if the fit can be improved.

MP encouraged parties to provide final feedback by the end of 31 March 2014, following which comments received would be reviewed and approval sought at a teleconference meeting agreed for 04 April 2014.

Action 0302: Autumn 2014 Composite Weather Variable (CWV) Review - Proposed Approach – Review document and provide final comments to Xoserve by 31 March 2014.

4. Any Other Business

4.1. 13 Month AMR Validation Analysis – Spring 2014 Modelling

MPa provided a presentation on the [13 Month AMR Validation Analysis](#) and explained the results. The additional 6 month analysis (March –September 2013, see last 4 slides) performed to assess the impact of having an additional month in the summer period indicates that the average ‘summer’ consumption increases substantially as a result of the unusually cold March experienced in 2013. Further analysis needs to be done on the potential impact to the Summer Spike ratio and an update will be communicated shortly by email.

4.2. Longterm Forecasting - Backcast Seasonal Normal Temperature

CI enquired about long-term forecasting/financial planning revisions and if there was any overlap between the values from EP2 and those due to be created from the Climate Change Methodology. FC referred CI to the EP2 exercise/data, and suggested comparing 2015-18 to EP2.

5. Diary Planning

Meetings will take place as follows:

DESC and DESC Technical Workgroup Meetings 2014

Time / Date	Venue	Meeting	Programme
09:30 Friday	Teleconference	DESC	CWV Optimisation - Review and Approval of

04 April 2014		TWG	approach
10:30 Monday 28 April 2014	Teleconference	DESC TWG	Confirm modelling runs
10:30 Wednesday 21 May 2014	31 Homer Road, Solihull B91 3LT	DESC TWG	Review modelling results and approve commencement of model smoothing stage
10:30 Wednesday 25 June 2014	Teleconference	DESC TWG	Review responses to draft NDM proposals and agree key messages for DESC
10:30 Wednesday 09 July 2014	31 Homer Road, Solihull B91 3LT	DESC	Review and approval of 2014/15 NDM Algorithms
10:30 Wednesday 30 July 2014	Teleconference	DESC	Review representations (if any) and consider response
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

Action Table: Demand Estimation Sub-committee – Technical Workgroup

Action Ref	Meeting Date(s)	Minute Ref	Action	Owner	Status Update
DTW1102	27/11/13	3.1	a) Xoserve to provide a workplan with timelines to include an investigation	Xoserve (FC/JL)	Complete
Revised	15/01/14		b) <u>Xoserve to provide a view on how long it would take to fill the gaps in historical weather data, and by when.</u>	Xoserve (FC/JL)	Carried forward
DTW1103	27/11/13	3.1	Shippers to look at the data gaps and consider a gap filling interpolation methodology (<u>ie define how to work out an expected value for each weather variable and provide analysis to see how it might fit/perform</u>) and how it is to be applied.	Shippers	Closed
DTW0201	12/02/14	3.2	To provide a copy of the E.ON overnight temperature behavioural pattern data to Xoserve for their consideration.	E.ON UK (SB)	Carried forward
DTW0202	12/02/14	3.3	To review the (CWV Optimisation) document and provide feedback, and answers to outstanding questions (if any remain), within 1 week of the publication date of the document.	DESC TWG members	Closed

Action Ref	Meeting Date(s)	Minute Ref	Action	Owner	Status Update
DTW0301	25/03/14	2.2	E.ON to test the accuracy of the gap interpretation methodology and provide an explanation/document of how it is to be applied.	E.ON UK (SB)	Pending
DTW0302	25/03/14	3.0	<i>Autumn 2014 Composite Weather Variable (CWV) Review - Proposed Approach</i> – Review document and provide final comments to Xoserve by 31 March 2014.	ALL	By 31 March 2014 Pending