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Demand Estimation Sub-Committee

Ad-hoc Work Areas

30 July 2014

Background

- The adhoc work areas log captures all the issues that naturally get raised through discussions at DESC and/or DESC TWG
- Xoserve maintain the list to ensure it is upto date with any progress on listed items and recording any new items raised in the past 12 months
- DESC have the responsibility of reviewing the list and prioritising those it wishes TWG to focus on during the next Autumn and Winter period in addition to the standard work plan items
- The next slide summarises the current work plan items for the upcoming Autumn / Winter period

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Work Plan Items – Autumn/Winter 14/15

- Autumn / Winter 2014
 - CWV Optimisation & Seasonal Normal Review completed
 - NDM sample validation (prep. for Algorithm performance Phase 2)
 - Prepayment Meter Profile (MOD 0451AV)
 - Algorithm Performance 2013/14 Phase 1 – WCF/SF analysis
- Winter 2015
 - Seasonal Normal Review – preparations for AQ review
 - Algorithm Performance 2013/14 Phase 2 – RV & NDM sample analysis
 - Spring Approach 2015 preparations

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Adhoc work areas table

- The last review session of the list of adhoc work areas was carried out at the DESC meeting on 10th July 2013 which helped plan the Autumn / Winter 13/14 schedule of work
- The table has been updated to reflect the status of the work that was carried out last Autumn/Winter and any new work areas that have been identified since the last review
- The next 2 slides cover the “Outstanding” items, including those raised in the past 12 months. The “Completed” items are provided at the end of the presentation
- DESC are invited to provide their views on priorities for Autumn/Winter 2014/15. Xoserve have provided their recommendation on the final slide

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TWG Adhoc work areas - Outstanding

Source	Description	Status
TWG 20/04/12	Review of 'spike' validation rules applied to sample data during Spring (and Autumn) analysis	Outstanding
TWG 20/04/12	Consider the application of weather correction to WAR Bands	Outstanding
TWG 23/05/12	Further consideration given to parameters / tests used for defining Warm Weather Cut off models	Outstanding
XOS 15/05/13	Windows 7 and Microsoft Office 2010 upgrades	Outstanding
TWG 26/06/13	Review actual sample consumption versus summer profiles in order to try and improve allocation process during summer months	Outstanding

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TWG Adhoc work areas - Outstanding

Source	Description	Status
DESC 13/11/13	Perform another review of Model Smoothing methodology in Autumn 2014 (following results presented in Autumn 2013)	Outstanding
DESC 21/05/14	DESC and Xoserve to work together to establish a process of using Shipper consumption data to boost data available to modelling. Target Date October 2014 to assist Algorithm performance	Outstanding
TWG 25/06/14	Xoserve to review day of the week demand behaviours, particularly whether the modelling of Monday to Thursday demands together is still valid (Ref: E.Ons 14/15 rep – qry 1)	Outstanding
TWG 25/06/14	All parties to suggest different ways that the EUC banding might be split, based on consumption levels or customer attributes, this was a post UKL replacement consideration (DE0202)	Outstanding

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Xoserve Recommendations

- Xoserve believe the standard work plan items alone this year are significant
- In addition there is also an expectation of increased involvement in supporting the UK Link replacement project and the EU changes such as the revised gas day arrangements
- Xoserve therefore recommend the following adhoc work areas should be focussed on during Autumn / Winter 2014/15
 - Process established for using Shipper consumption data (DESC 21/05/14)
 - Windows 7 and Microsoft 2010 Upgrades (XOS 15/05/13)
- Due to the significant workload this year it is suggested that the additional run of model smoothing investigation (requested by DESC in Nov'13) is postponed / cancelled

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TWG Adhoc work areas - Completed

Source	Description	Status
TWG 20/04/12	<i>Review of appropriateness of current EUC definitions for Small and Large NDM</i>	<i>Completed (Winter 13/14)</i>
TWG 20/04/12	<i>Investigate possibility of providing TWG with data during the Spring analysis WAR Band definitions review</i>	<i>Completed (Winter 12/13)</i>
TWG 15/08/12	<i>Complete analysis and investigations into Options A,C and E in order to conclude views on final algorithm to take forward</i>	<i>Completed (Winter 12/13)</i>
TWG 15/08/12	<i>'Maintenance work' on EUC modelling system / processes following first run through of annual cycle – including re-write of systems, updates to existing ones and documentation updates</i>	<i>Completed (Winter 12/13)</i>
TWG 15/08/12	<i>Prepare for impacts of weather station change at Hulme Library impacting NW and WN LDZs</i>	<i>Completed (Winter 13/14)</i>

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TWG Adhoc work areas - Completed

Source	Description	Status
<i>TWG Dec'12</i>	<i>Analysis to understand relationship between Birmingham Edgbaston and Winterbourne following announcement of Edgbaston closure</i>	<i>Completed (Winter 12/13)</i>
<i>TWG 24/04/13</i>	<i>Review current LDZ aggregations used for EUC modelling and agree any potential new groupings. Followed by system updates and testing</i>	<i>Completed (Winter 13/14)</i>

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