

UNC Workgroup 0642 (Urgent) 0642A Minutes
Changes to settlement regime to address Unidentified Gas issues
Monday 15 January 2018
at The St Johns Hotel, 651 Warwick Road, Solihull B91 1AT

Attendees

Bob Fletcher (Chair)	(BF)	Joint Office
Karen Visgarda (Secretary)	(KV)	Joint Office
Alex Holbourne	(AH)	Corona Energy
Andrew Margan	(AM)	Centrica
Andy Clasper	(AC)	Cadent
Basil Long	(BL)	Corona Energy
Beverley Viney	(BV)	National Grid NTS
Carl Whitehouse	(CW)	First Utility
Charles Wood	(CW)	Dentons
Fiona Cottam	(FC)	Xoserve
Gareth Evans	(GE)	Waters Wye Associates
George MacGregor	(GM)	Utilita
James Murphy	(JM)	Stark
John Welch	(JW)	npower
Jon Dixon*	(JD)	Ofgem
Kirsty Dudley	(KD)	E.ON
Linda Whitcroft	(LW)	Xoserve
Lorna Lewin	(LL)	Orsted
Louise Hellyer	(LH)	Total Gas & Power
Luke Reeves*	(LR)	EDF Energy
Mark Bellman	(MB)	Dataserve UK
Mark Jones	(MJ)	SSE
Mark Palmer	(MP)	Orsted
Rachel Hinsley	(RH)	Xoserve
Rhys Keeley	(RK)	Centrica
Richard Pomroy*	(RP)	Wales & West Utilities
Sallyann Blackett	(SB)	E.ON
Steven Britton*	(SB)	Cornwall Energy
Tom Breckwoldt	(TB)	Gazprom Energy
Tom Steward*	(TS)	Good Energy

* via teleconference

Copies of all papers are available at: <http://www.gasgovernance.co.uk/0642/150118>

The Workgroup / Final Modification Report is due to be presented at the UNC Modification Panel by 15 February 2018.

1.0 Introduction and Status Review**1.1 Approval of minutes (04 January 2018)**

The minutes were approved.

Unidentified Gas Modifications Presentation – Xoserve

FC proceeded to provide an overview of the 'Unidentified Gas Modifications' presentation in respect of the discussions concerning Modifications 0642, 0642A and 0643 as per the proposals on 11 January 2018. FC explained that some of the content may be updated, following further discussions with the Proposers and Workgroup.

She then explained the various processes defined in the schematics for the Post-Nexus Allocation and Reconciliation, specifically Daily Allocation and Monthly Reconciliation in respect of Unidentified Gas (UIG). FC talked through the current UIG sharing and allocation process and explained that the Total Reconciled energy was summed and divided by apportionment across the last 12 month's market shares, as adjusted using the UIG Weighting Factors, which would be shared regardless of Read/Reconciled status.

Modification 0642

FC explained the process regarding Fixed Daily UIG Percentage for Daily Allocation for Modification 0642 and she overviewed the process as below as described on the schematics:

Daily Allocation becomes a 5-step process:

- STEP 1 - measure total gas used in the LDZ
- STEP 2 – deduct daily Shrinkage quantity
- STEP 3 – calculate UIG as fixed 1.1% of LDZ Demand – Shrinkage
- STEP 4 – calculate NDM Allocations as the balancing figure

Weather Correction Factor (WCF) reverts to pre-Nexus formula (i.e. not using weather data)

Scaling Factor (SF) reintroduced

- STEP 5 – UIG shared out on basis of allocations using UIG Weighting Factors

FC subsequently overviewed the process in regards to the Monthly Reconciliation and explained the overall process as detailed below:

- Universal individual Meter Point rec still applies
- Daily UIG allocation is not re-opened by Rec
- Equal and opposite of all individual recs is shared to Unreconciled Class 3/4 only
- Sharing based on throughput for the Billing month of Unreconciled meters, adjusted using separate Settlement Error Weighting Factors
- One month pot (as opposed to current 12 month pot)
- Re-reconciliation of an earlier month's read does not remove from current month's sharing
- Extra test applies – if Rec Energy (+/-) > Allocated Energy for the month for the qualifying MPRs in an LDZ, then smear to all sites, regardless of reconciled status

FC explained the Settlement Error Reconciliation process regarding the Reconciliation (Rec) and Reconciliation Smear (Rec Smear) over the defined monthly time period, and said that the Total Rec energy was shared out over the current month's market shares, as adjusted by Settlement Error factors. She further explained that only Class 3 and Class 4 meters which had not had a Reconciliation in that month, would pick up a share of Settlement Error Rec. She drew attention to the Extra test formula as below:

Extra test – if Rec Energy (+/-) > Allocated Energy for the month for the qualifying MPRs in an LDZ, then smear to all sites, regardless of reconciled status.

A brief discussion took place regarding the Extra Test and the overall reconciliation, reconciliation smearing and invoicing process. FC said that the procedure applied to each LDZ. LW explained that in certain situations things do 'get held off' the invoices and reconciled

with the removal of the exceptional charge and so this might not be reconciled in that specific month.

Modification 0624A

FC explained the Fixed Daily UIG Percentage, plus Balancing Quantity with regards to Daily Allocation of Modification 0642A. She further noted that the Demand Estimation Sub Committee (DESC), determined a fixed percentage for the UIG each year, which was applied to the net 'Throughput' (after Shrinkage) and the New Balancing Quantity shared out to the NDM's only without Weighting Factors.

FC then overviewed the Daily Allocation process as described below:

- Daily Allocation becomes a 5-step process
- STEP 1 - measure total gas used in the LDZ
- STEP 2 – deduct daily Shrinkage quantity
- STEP 3 – calculate UIG as fixed [3]% of LDZ Demand – Shrinkage, shared to all sites (no Weighting Factors)
- STEP 4 – calculate NDM Allocations using new Nexus Algorithm

Current Weather Correction Factor (WCF) i.e. using weather data

- (Scaling Factor not required)
- STEP 5 – new Balancing Quantity calculated and shared out on basis of allocations to Class 3 and 4 only (no UIG Weighting Factors)

In relation to Step 5, AM wanted to know why it was only Class 3 and 4 and not mandatory for all sites. SB said she was trying to provide transparency and giving larger suppliers a view of what the Unidentified Gas was going to be from a proportional balancing perspective, in relation to what was left and could then be corrected for the 12 month's balancing quantities. AM said in that case, it might be wise to slightly 'over egg' the balancing quantities so that customers would not have to be asked for more costs. SB said from a current balancing view, then any negative or positives would be adjusted after 12 months and a rebate would be given based on analysis derived the Demand Estimation methodology. She again reiterated that it was hard to second guess what the 'actual' would look like, but that if a suggested value was proposed for the first 12 months, and if this was overstated then a rebate would be very difficult to re-dress the balance after the day. SB also re clarified that this rebate would be necessary for the first two years, as the whole process would then be 'bedded in' moving forward.

MP noted that there was a flat percentage shown in the schematic in relation to Class 1 sites and he said that this would have a huge impact due to the percentage change. SB said the modelling had encompassed the NDM and DM market and that neither had been 'over egged' in either case.

A lengthy general discussion took place regarding the percentage in regards to the NDM Sites as had been directed by the AUGGE, and MB said this percentage of 1.1% still had not been properly addressed. FC said that in the context of the new World that some of the work that had been done by the AUGGE may no longer be required or relevant, especially in connection to the AUG Framework document and she said clarification was being sought.

FC then overviewed the Monthly Reconciliation process, which was defined as below:

- Universal individual Meter Point rec still applies
- Daily UIG allocation is not re-opened by Rec
- Equal and opposite of all individual recs is shared to Class 3/4 only
- 12 month pot, no Weighting Factors

FC then explained the Reconciliation process as was depicted in the schematic.

Modification 0642 and 0643

FC moved on to overview the assumptions for each of the modifications and she explained that Modification 0642 and 0643 would be addressed in the same way, noting that a Change of Shipper event in a month would remove the meter point from share of Settlement Error Rec for that month, regardless whether the read was actual or estimated. She also said the Unidentified Gas and Settlement error and Weighting Factors could vary from LDZ to LDZ. FC then explained that the LDZ measurement errors (incl Shrinkage corrections) would not result in a change to UIG calculation but would be treated as Settlement Error Rec, and that the Prevailing AUG Table Weighting Factors would apply until AUGE could produce specific Settlement Error factors.

Modification 0624A

FC explained the Fixed UIG % could vary from LDZ to LDZ and that the LDZ measurement errors (incl Shrinkage corrections) would not result in a change to the UIG calculation but would be treated as Balancing Quantity Rec.

GE wanted to know how an LDZ error would be resolved and FC explained that this would go into the 12 month's and would become part of the Rec, and if this was above, then it would go into the LDZ Rec process to where the error related. CS sought clarity on a few aspects of this process in relation to the Legal Drafting and GE said he had no intention of changing the rules and that the 'flow through' would still apply and this had been further explained in the amended modification.

2.0 Review of Amended Modification 0642

BF said he appreciated a great deal of work had already taken place and he suggested GE overviewed the specific amendments and changes accordingly. GE then explained the 'track changed' document and focused on Section 5 – Solution of the Workgroup Report, noting changes to the Weather Correction Factor section and he said there were a few more minor amendments which he drew attention to. He then overviewed the Unidentified Gas Calculation and Reconciliation sections particularly in relation the tables.

A lengthy discussion then took place surrounding the implementation timelines and BF confirmed that as this modification had an 'urgent' status, it was an Ofgem decision with regards the actual implementation date. Both FC and LW said from a systems solution perspective, that Xoserve would not be able to adhere to the suggested timeline of 01 April 2018, which was proposed in the modification, and so retrospective adjustments would be required. BF said in that case, was there an interim solution available, and FC said no there was not, as the data fed into the in-debtness, regarding the buying too much or too little gas from a commercial process.

CW noted that from recollection of the DSC process, implementation should be considered as a matter of priority by the DSC Change Management Committee, as these were urgent modifications

BV said that this could have an impact on the SAP, SMP and Gemini systems and that would mean that the Shippers would also have to make internal system changes to address this. LW said that there would need to be file format changes and constraints on how to deliver this. CW also added that the Legal Drafting would have to encompass this, which would require a different approach to ensure the retrospective adjustments aspect was included in the Transition document. BF proposed that GE needed to provide more detail and clarity regarding the implementation dates themselves and why these were deemed not 'moveable' as Ofgem would need this level of detail to make a decision.

New Action 0104: Waters Wye (GE) to provide more information on why the implementation dates cannot be changed, to assist Ofgem with their decision.

3.0 Consideration of Alternate Modification 0642A

KD provided an overview of the Modification 0642A and she focused on Section 5 – Solution and said that there were two main changes that were proposed to the current NDM forecast and allocation process, together with the 2.5% of the fixed number. SB said that the assumptions were surrounding the UIG volumes to-date and reconciliation to-date, and then what was left of allocated energy, and was not to be reconciled.

A lengthy general discussion then ensued regarding the reconciliation process and the Rec flows. SB and FC said that the Demand Estimation Sub Committee (DESC) would be investigating and monitoring the reconciliation process, in trying to determine the link to the associated volumes and how much energy has been reconciled at a site. LW added that if the DM's were to go through 'Flow Through' then this could change the percentage figure and she added that as a general point that the DM's should be doing their reconciliations and adjustments now. AM said that the AUGE had a current process and this should also be taken into consideration. SB said that it was not expected that the DESC would perform their analysis in the same way as the AUGE. BF said it would be helpful to have a guidance document for the next meeting and KD agreed to produce this.

New Action 0105: E.ON (KD) to consider if a guidance document to support the process in Modification 0642A is needed.

4.0 Consideration of Legal Text, Costs and Benefits

2.1 Modification 0642

CW provided an overview of the Legal Drafting in relation to Section E for Modification 0642.

Section E – Modification 0642

CW drew attention to specific amendments or alterations in the document as detailed below:

1.1.6 *For the purposes of the Code, in respect of a User and any Day:*

(a) in relation to an LDZ:

- . (i) the "Adjusted User LDZ Offtake Quantity" is the sum of the User's adjusted UDQOs for that Day for all DM Supply Points, NDM Supply Points and Connected System Exit Points in that LDZ;*
- . (ii) the "User LDZ Unidentified Gas" ('ULUG') in respect of an LDZ shall be calculated as follows:*

Where UIG

AULOQ

AAULOQ

*ULUG = UIG * AULOQ / AAULOQ*

is the Unidentified Gas for the LDZ and the Day in accordance with Section H2.6.1;

is the User's User Adjusted LDZ Offtake Quantity for the LDZ and the Day;

is the aggregate for all Users of the Adjusted User LDZ Offtake Quantities for the LDZ and the Day;

- . (b) the "Aggregate User Unidentified Gas" is the net aggregate for all LDZs of the User LDZ Unidentified Gas;
- . (c) for the purposes of paragraph (a)(i), an "adjusted" UDQO for a Day in respect of a System Exit Point is the UDQO adjusted by the UIG allocation factor specified in the prevailing AUG Table in respect of the category to which that System Exit Point belongs on that Day;

d) for the avoidance of doubt, the allocation (pursuant to paragraph (a)(ii)) of Unidentified Gas on a Day is final as at the Exit Close-out Date, and no revision thereof shall be made in respect as a result of any subsequent Offtake Reconciliation or otherwise.

1.1.7 The User LDZ Unidentified Gas is a quantity allocated (for the purposes of determining Daily Imbalances) to the User as if it were a quantity offtaken by the User from the relevant LDZ on the Day; ~~provided that the User LDZ Unidentified Gas may have a positive or negative value.~~

1.3.5 For the purposes of the Code, ~~"Unidentified Gas Reconciliation Settlement Error Reconciliation"~~ ("UGRSER") is a reconciliation and adjustment, in relation to a User, in respect of gas offtaken from the Total System, in respect of quantities determined in accordance with paragraph 7.1.

1.3.6 Subject to paragraph 1.3.7 below, no Offtake Reconciliation, ~~Unidentified Gas Reconciliation~~ Settlement Error Reconciliation or LDZ Reconciliation shall be undertaken in a Reconciliation Billing Period in respect of any Day or period prior to the Code Cut Off Date.

1.5.5 For the purposes of the Code, differences between the quantities of gas determined to have entered a LDZ (after adjustment for shrinkage and stock change) on a Day and the quantities which would be determined as offtaken by Users from the LDZ on the Day (on the basis of daily measurement and demand estimation under Section H disregarding the Scaling Factor SFt) are treated as comprising:

- (a) settlement error, being differences attributable to [
- (a) unidentified gas, being all other such differences.

7.1.1 The Parties agree and acknowledge that

~~(a) the quantity of gas determined pursuant to Section H2.6 as Unidentified Gas in a LDZ for a Day (D) will depend on the estimation of demand (for Class 3 and 4 Supply Meter Points) pursuant to the provisions of Section H2.2 (as well as the quantities determined as offtaken at Class 1 and 2 Supply Meter Points);~~

- . (a) (as described in paragraph [1.5.5]) settlement error [contributes to][is reflected in] the magnitude of the Scaling Factor SFt for a LDZ and a Day in Section H[2.5.1];
- . (b) each Offtake Reconciliation represents a correction in respect of settlement error, and therefore implies an adjustment in respect of the quantity of gas allocated pursuant to the application of the Scaling Factor in determining NDM Supply Meter Point Demand under Section H2.2.1;

~~(b) each Offtake Reconciliation for which the Reconciliation Metered Period includes Day D therefore implies an adjustment in the Unidentified Gas for the relevant LDZ for that Day (and accordingly in the quantity of gas allocated to each User as User LDZ Unidentified Gas), as does any LDZ Reconciliation in accordance with paragraph 7;~~

(c) in accordance with paragraph 1.8.2, no change is to be made in respect of any UDQO User LDZ Unidentified Gas after the Exit Close-Out Date;

- . (d) accordingly, ~~Unidentified Gas Reconciliation Settlement Error Reconciliation~~ shall be carried out as a reconciliation and adjustment in respect of the implied adjustments ~~in Unidentified Gas~~ referred to in paragraph (b);
- . (e) the quantities subject to ~~Unidentified Gas Reconciliation Settlement Error Reconciliation~~ are quantities equal in aggregate and opposite to the net aggregate quantities subject to Offtake Reconciliation in an LDZ over the Reconciliation Billing Period.

7.1.2 Subject to paragraph 7.5, for each Reconciliation Billing Period and for each LDZ:

(a) Relevant Supply Meter Points are:

- . (i) subject to paragraph (ii), NDM Supply Meter Points (other than Isolated Supply Meter Points) for which Offtake Reconciliation [on the basis of a Reconciliation Meter Read] was not carried out in the Reconciliation Billing Period;
- . (ii) if the threshold condition in paragraph (g) is not satisfied, all NDM Supply Meter Points (other than Isolated Supply Meter Points);

b) the ~~“Unidentified Gas Reconciliation Settlement Error Reconciliation Period”~~ is the same period ~~as of 12 months ending with (and including) the Reconciliation Billing Period;~~

(c) the “Aggregate Reconciliation Quantity” and “Aggregate Reconciliation Clearing Value” are the net aggregate respectively of the Reconciliation Quantities and of the Reconciliation Clearing Values:

(i) for System Exit Points in that LDZ for which Offtake Reconciliation was undertaken (as referred to in Section); and/or

(ii) in that Reconciliation Billing Period;

d) for the purposes of paragraph (b), Reconciliation Quantities and Reconciliation Clearing Values include adjustments to Reconciliation Values made in a Reconciliation Billing Period pursuant to paragraph 6.5.2(c);

(e) for each User the “User Aggregate Relevant LDZ Quantity” is the amount determined as:

$Sr Sd AUPRDQOrd Sd$ is the sum over all Days (d) in the Unidentified Gas

where ~~Reconciliation Settlement Error Reconciliation Period;~~

Sr is the sum over all Relevant Supply Meter Points (other than Isolated Supply Meter Points) in the relevant LDZ of which the User is Registered User on Day ‘d’ and all Metered Connected System Exit Points in the relevant LDZ in relation to which the User is a CSEP User on Day ‘d’;

and where, for each Relevant Supply Meter System Exit Point 'r' and each Day 'd' AUPRDQOrd is the Prevailing Reconciled Daily Quantity Offtaken as determined as at the 10th Day of the month following the Reconciliation Billing Period, or (in the case of a Shared Supply Meter Point) the amount of the Prevailing Reconciled Daily Quantity Offtaken allocated to the User, adjusted by the SER allocation factor specified in the prevailing AUG Table Annex E-1 in respect of the category (as set out in Annex E-1) to which that System Exit Point belongs on Day 'd';

- . (f) the "Aggregate Relevant LDZ Quantity" is the sum for all Users of the User Aggregate LDZ Quantities;
- . (g) the threshold condition is that, if the User Aggregate Relevant LDZ Quantity is determined on the basis of paragraphs (a)(i), the Aggregate Reconciliation Quantity is not greater than the User Aggregate LDZ Quantity. (e)

7.1.3 For each User, Reconciliation Billing Period and LDZ:

- . (a) the "User UGRSER Quantity" (UUGRSERQ) is the quantity determined as:

$$UUGRSERQ = - ARQ * UARLQ / ARLQ$$
- . (b) the "User UGRSER Clearing Value" (UUGRSERCV) is the amount determined as:

$$UUGRSERCV = - ARCV * UARLQ / ARLQ$$
- . where ARQ ARCV UALQ ALQ

is the Aggregate Reconciliation Quantity is the Aggregate Reconciliation Clearing Value is the User Aggregate Relevant LDZ Quantity is the Aggregate Relevant LDZ Quantity.

9.4.1 For each AUG Year a statement (including a methodology covering matters which may include research, sampling, data, modelling, analysis, criteria) shall be prepared by the AUG Expert which sets out a basis for:

- . (a) identifying each Unidentified Gas Source;
- . (b) estimating the total quantity of Unidentified Gas by LDZ; and
- . (c) determining specifies the proportionate contribution of each Unidentified Gas Source to the total quantity of Unidentified Gas;
- . (d) determining the relative contribution of different Categories of [System Exit Point] to settlement error;

(d) (and in relation to AUG Years other than the first, such methodology shall be established by modifying the methodology for the preceding AUG Year); which methodology shall be such as, in the opinion of the Committee, is calculated to facilitate (or in the case of a modification to the methodology, better facilitate as compared with the prevailing methodology) the achievement of the relevant objectives in Standard Special Condition A11 of the Transporters' Licence.

2.2 Modification 0642A

Section H Modification 0642A

CW provided an overview of Section H for Modification 0642Am drawing attention to the specific areas of interest and he noted these were only small and minor amendments. He then provided an overview of the Transition Document as detailed below:

High level Transition Document requirements - Modifications 0642/0642A/0643

CW then provided an overview of the content of the Transition Document produced by Dentons which encompassed Modifications 0652 0642A and 0643, as detailed below:

All modifications are effective on a Gas Flow Day basis – we can use generic language similar to recent mods.

We assume the Implementation Date will be the 1st of a month.

Section H

0642/0643

Will the Implementation Date be a 1 October? If so, the procedures for DESC in H1.7 and H1.8 will apply on the basis of the new rules (and amended NDM Demand Estimation Methodology) leading up to the Gas Year starting on the Implementation Date.

If not, the procedures H1.7 and H1.8 will have to apply, based on the new rules (and amended NDM Demand Estimation Methodology), as if there were a new Gas Year starting on the Implementation Date.

Will the revised formula for AQ in H3.2.1 actually give rise to any changes in AQs? If so (i) will AQs be recalculated (as of the first month) for all NDM SMPs even if no meter reads in the prior AQ read period, and (ii) if so could there be any threshold changers?

0642A

Base UIG Factor is 2.5% from Implementation Date until first Gas Year for which DESC sets a different Base UIG Factor.

Therefore no issues about October implementation. No other transition provisions needed other than the Gas Flow Day basis. Section E 0642

In E7.1, will the first Reconciliation Billing Period to which the new rules (ie settlement error reconciliation) apply, be the Reconciliation Billing Period starting on the Implementation Date? (Such that reconciliation carried out in the month of the Implementation Date, for the RBP ending immediately before the Implementation Date, is based on the old rules.)

Possibly some issues about LDZ reconciliation if it relates to a period more than one month prior to Implementation Date.

In E9, what is the first date (ie start of an AUG Year) from which an AUG will operate to the new rules (the 'new AUG start date')? Does it require a new appointment?

From the Implementation Date until the new AUG start date, the UIG Factor is 1.1%. (For E9, it doesn't matter whether the Implementation Date is a 1 October.)

Until new SER allocation factors are determined the SER allocation factors are the same as the UIG allocation factors.

The AUG Table in force as of the Implementation Date will be deemed amended to reflect the abot transitional UIG Factors and SER allocation factors.

What do we need to say about the determination of new SER allocation factors? Will they be set as from the new AUG start date (ie the first time that UIG Factors are set by the AUGE) or a later point in time?

5.0 Development/Completion of Workgroup Reports

3.1 Modification 0642

Not discussed in this meeting

3.2 Modification 0642A

Not discussed in this meeting

6.0 Review of Outstanding Actions

Action 0101: Waters Wye Associates (GE) to provide a worked example of how NDM re-reconciliations (inc. some realistic weighting scaling factors) would be expected to fit in with the Modification 0642 proposals for consideration at the next Workgroup meeting.

Update: GE confirmed that this information had now been included in the modification and so this action could now be closed. **Closed**

Action 0102: Waters Wye Associates (GE) and Xoserve (FC/LW) to look to provide a view on how retrospection (and how allocation is impacted) may or may not work in practice at the 15 January 2018 meeting.

Update: GE confirmed this information had now be included in the modification and so this action could now be closed. **Closed**

Action 0103: Xoserve (FC/LW/DA) to look to provide a high-level view on potential costs and testing environment requirements for consideration at the 15 January 2018 meeting.

Update: FC requested this action be Carried forward until the meeting on 30 January 2018. **Carried forward**

7.0 Next Steps

BF confirmed that the Workgroup Reports were to be completed at the next meeting, together with a review of the legal text and cost benefit analysis.

8.0 Any Other Business

None.

9.0 Diary Planning

Further details of planned meetings are available at: www.gasgovernance.co.uk/Diary

Workgroup meetings will take place as follows:

Time / Date	Venue	Workgroup Programme
10:00 Tuesday 30 January 2018	The St Johns Hotel, 651 Warwick Road, Solihull B91 1AT	Detail planned agenda items. <ul style="list-style-type: none"> Completion of Workgroup Reports

		<ul style="list-style-type: none"> • Confirmation of Legal Text • Review of Cost Benefit Analysis
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Action Table (as at 15 January 2018)

Action Ref	Meeting Date	Minute Ref	Action	Owner	Status Update
0101	04/01/18	1.1	To provide a worked example of how NDM re-reconciliations (inc. some realistic weighting scaling factors) would be expected to fit in with the Modification 0642 proposals for consideration at the next Workgroup meeting.	Waters Wye Associates (GE)	Closed
0102	04/01/18	1.1	To look to provide a view on how retrospection (and how allocation is impacted) may or may not work in practice at the 15 January 2018 meeting.	Waters Wye Associates (GE) & Xoserve (FC/LW)	Closed
0103	04/01/18	1.2	To look to provide a high-level view on potential costs and testing environment requirements for consideration at the 15 January 2018 meeting.	Xoserve (FC/LW/DA)	Carried forward
0104	15/01/18	2.0	Waters Wye (GE) to provide more information on why the implementation dates cannot be changed, to assist Ofgem with their decision.	Waters Wye (GE)	Pending
0105	15/01/18	3.0	E.ON (KD) to consider if a guidance document to support the process in Modification 0642A is needed.	E.ON (KD)	Pending