

UNCC (AUG) Sub-Committee

Thursday 30 September 2021
via teleconference

Attendees		
Lorraine O'Shaughnessy (Chair)	(LOS)	Joint Office
Helen Bennett (Secretary)	(HB)	Joint Office
Alexander Mann	(AM)	Gazprom Energy
Chandima Dutton	(CD)	Waters Wye Associates Limited
David Speake	(DS)	Engage Consulting (AUGE)
Fiona Cottam	(FC)	Correla on behalf of Xoserve
Jonathan Kiddle	(JK)	Engage Consulting (AUGE)
Louise Hellyer	(LH)	Totalenergies Gas & Power
Luke Reeves	(LR)	EDG Energy
Mark Bellman	(MB)	ScottishPower
Mark Jones	(MJ)	SSE
Mark Rixon	(MR)	Independent Consultant
Neil Cole	(NC)	Correla on behalf of Xoserve
Rhys Kealley	(RK)	Centrica
Sallyann Blackett	(SB)	E.ON
Sophie Dooley	(SD)	Engage Consulting (AUGE)

Copies of all papers are available at: <https://www.gasgovernance.co.uk/aug/300921>

1.0 Introduction and Status Review

Lorraine O'Shaughnessy (LOS) welcomed everyone to the meeting and explained the main emphasis of the meeting was to have an update on the Innovation Service; Detailed Investigations; Refinement Investigations; Other Contributors and Advisory Service.

1.1. Approval of Minutes (02 July 2021)

The minutes from the previous meeting were approved.

1.2. Approval of Late Papers

LOS noted there were no late papers submitted.

1.3. Review of Outstanding Actions

Action 0701: Correla on behalf of Xoserve (FC) to raise at PAC the accuracy over data in relation to isolated sites.

Update: Information provided as part of the material presented and captured within the minutes. **Closed**

Action 0702: Engage (JK) to supply further justification of the SME percentages, together with numbers; EUC Band 1NI.

Update: Information provided as part of the material presented and captured within the minutes. **Closed**

Action 0703: All to consider the actual numbers /percentages of the count of sites which have AMR devices fitted.

Update: Information provided as part of the material presented and captured within the minutes. **Closed**

Action 0704: Engage (JK) and Correla on behalf of Xoserve (FC) to produce a one-page summary document to overview the two innovations; 10 LDZ Specific Factors; and 90 Changing the residual reconciliation redistribution process (UGR) for submission to the UNCC on 07 July 2021.

Update: Information provided as part of the material presented and captured within the minutes. **Closed**

Action 0705: Engage (DS/JK) to provide the basis of the Modifications in relation to Innovations 10 and 90; why, solution and ROM.

Update: DS/JK agreed to submit the Business Case to Joint Office for it to be submitted alongside the minutes for Committee members to review to ascertain on taking this forward as a pre-modification discussion at Distribution Workgroup. Following any pre-modification discussions and once a review of the Business Case has been completed, this will be presented to the UNCC. **Closed**

Action 0706: Engage (JK) to provide information on the forecasting UIG for a gas year.

Update: Information provided as part of the material presented and captured within the minutes. **Closed**

2.0 Business Case for Innovation

David Speake (DS), Service Delivery Lead, introduced Jonathan Kiddle (JK), Subject Matter Expert, and Sophie Dooley and explained this is the initial engagement meeting where JK will take the Committee through the material provided for the meeting and will address any questions.

DS provided a high-level overview of the agenda which encompassed the following areas:

- Innovation Service
- Detailed Investigations
- Refinement Investigations
- Other Contributors Advisory Service

DS noted that there had been some issues obtaining data sets which will be discussed during the presentation and LOS confirmed that FC would provide an update on the issues Corella had experienced.

The presentation covered the following main topics. Where there was specific interaction regarding slides with the Committee members, this has been captured within the minutes for each section of the presentation, and full details can be found on the published presentation here: <https://www.gasgovernance.co.uk/aug/300921>:

Innovation Service (Slide 4 - 15)

JK provided a summary of the progress made since the last meeting held in July 2021 where it was recommended by AUG Committee, and subsequently approved by the UNCC Committee in July, that the following innovations should be taken forward to business case stage for investigation:

- LDZ Specific Weighting Factors (slides 6-10); and
- Changing the residual reconciliation redistribution process (UGR) (slides 11-15)

This information closes outstanding action **0704**.

LDZ Specific Weighting Factors (Slide 6-10)

Data - Slide 7

Rhys Kealley (RK) sought clarification of the calculations and the data used for the Weighting Factors. JK advised that the AUG is mindful that where there are insufficient data sets to use for the UIG calculation, the national view is taken. JK provided the example where 'split theft' is based on last year's data as there is not significantly enough data sets to analyse individual LDZs, therefore the decision was made to stay with the national view rather than by LDZ because there was not enough data for the UIG calculation.

Initial Analysis - Slide 8

JK provided a view of the Weighting Factors identified as part of the initial analysis.

Updated Analysis - Slide 9

JK then provided a view of the Weighting Factors having completed further investigations on each LDZ where several large differences were identified. He explained that the differences between matrix positions which were being cancelled out on a national view. If a shipper had an LDZ specific portfolio there could be a cross subsidy in UIG. JK advised he then calculated the absolute difference between LDZ Factors and national ones which shows some very large differences to scale the errors. This is the amount of UIG that is potentially being incorrectly allocated on a regional level.

Chandima Dutton (CD) asked what unit of energy the figures represented on the slide. JK confirmed that the data shown is in GWh and shows the LDZ differences.

In summary, it was noted that there is a lot of UIG that is being allocated not as equitably as it could be.

JK agreed to add further commentary to make it clear what this slide is depicting.

Louise Hellyer (LH) asked to see a spread by LDZ to show how this works, even for just one of the EUC Bands would be very useful. JK confirmed he will be able to provide this.

LOS asked JF if he could agree the next steps to take this forward. JK confirmed that the AUGE will take the feedback from the meeting, amend, and fill out the templates developed and then it is then suggested the results are discussed at a Shipper forum where the AUGE can attend and take questions. At the Shipper forum, agreement should be sought to produce and sponsor a modification if required, agreement not to proceed, or the idea to take its own route through a Development Group with Shippers will then be decided.

DS confirmed that slides and templates will be provided to append to the minutes.

FC confirmed that this would be a pre-modification discussion at Distribution Workgroup.

LOS then advised that the outcome of the Pre-Modification would be discussed at UNC Panel meeting.

Investigation - Slide 10

JK confirmed the next steps:

- The investigation will focus on the costs of implementing a change to confirm if there is a positive benefit case.
- AUGE will ask for a rough order of magnitude from Xoserve
- AUGE will also require a rough order of magnitude from shippers. AUGE will issue a request for this following approval from the UNCC
- AUGE will also model dummy regional shipper customer base weightings implication
- The investigation output will also include draft sections for a modification

Residual Reconciliation Redistribution Process (UGR) (Slide 11-15)

Background – Slide 11

JK provided an update on the data set used for this analysis June 2017 – June 2021 and highlighted that the total reconciliation energy volume across the period was 8 TWh, noting that they had not been provided with a full set of offline reconciliations so could not include these in the analysis.

Analysis - Slide 12

JK explained that the table on this slide represents comparing the current industry rules; the reconciliation month and the Supply month

Impact - Slide 13

This slide explains the methodology used to assess the impact on market participants and to see the difference in the monthly discussion.

JK advised the business case associated with a more equitable allocation is 60 GWh per annum.

RK noted that 60 GWh does not feel as though it is a very big impact and asked if the difference on system prices makes a difference. JK clarified that he had the original inclination to see what the difference would be in the cost of the impact and charging is part of the next steps.

FC advised, from a reconciliation point of view, if the reconciliation period is from a long time ago, the difference is shared out at that value, regardless of when it is shared, the financial amounts remain the same.

Investigation - Slide 14

JK advised the investigation will focus on the costs of implementing a change to confirm if there is a positive benefit case, a rough order of magnitude will be requested from Xoserve and from Shippers which will be requested following approval from the UNCC.

Next Steps - Slide 15

JK confirmed the next steps:

- AUGE recommend that the innovations are taken forward to investigation stage
- Subject to approval, the investigation would take place during Q4
- AUGE will present a progress update at the January 2022 Sub-Committee Meeting

LOS provided a suggested timeline and noted, if it is assumed the business case is appended to these minutes, there could be a pre-modification discussion at the October Distribution Workgroup for it then to be presented to November UNCC where it would be recommended for progression.

Otherwise, DS suggested a different route could be for AUGE and the participants of this Committee to go through the templates in an extra-ordinary AUG meeting.

DS advised the AUGE can attend Distribution Workgroup if required.

No questions

Core Service – Slide 16

JK shared the delivery timeline with the Committee and explained that the next meeting in January 2022 will be used to walkthrough the Draft AUG Statement.

Data Acquisition and Detailed Investigation - Slide 18

JK advised that initial assessments identified the contributors to UIG that warrant further investigation, they are:

- Detailed Investigation required – Meters with by-Pass fitted
- Detailed Investigation required – Isolated sites
- Refinement Investigation required – Theft of Gas in relation to AMR sites
- Refinement Investigation required – No Read at the Line in the Sand

JK explained the difference between a detailed investigation and a refinement investigation:

- A detailed investigation is a new investigation into a contributor which does not have an existing methodology
- A refinement investigation is an investigation into only a part of a methodology of an existing contributor, it does not cover the whole methodology.

Prioritised Data Request - Slide 19

JK advised that a prioritised data request was submitted to Xoserve on 08 June. Updates on the data request have been provided alongside the monthly industry report, as of 14 September AUGE were in receipt of 33 of the 36 requested files. The delay in the provision of data has delayed the timings of the AUGE investigations.

LOS welcomed FC to update the committee with regards to not being able to provide all the data requests, FC apologised that Correla may have held up the process and advised that Correla have been having technical difficulties getting some of the data extracts with further in-depth investigations being a struggle to get with their normal levels of access.

FC added that this has been a learning curve for Xoserve and that they have tried to bring in extra support from within other areas of the business to rectify this issue. Some of the data sets being requested are very complex. FC advised that Correla recognise there is a need to enhance their report extract capabilities.

FC confirmed that updates direct with AUGE will continue offline.

JK then proceeded to provide an update on the four contributors to UIG that warrant further investigation:

140 - Meters with By-Pass fitted (Slides 20 – 26)

Definition - Slide 20

JK explained that:

- For some limited reasons, a small number of meters are fitted with By-Passes so that operations can continue at a Supply Meter Point when a meter is being exchanged/recalibrated
- If the By-Pass is used, then a Consumption Adjustment is required once the By-Pass is closed to correct the energy within Settlement as the gas will not be recorded through the meter
- If the By-Pass is used and an accurate Consumption Adjustment is not submitted, then UIG is created

Data Files - Slide 21

JK provided a summary of the data files received to carry out the analysis.

Initial Analysis - Slide 22

No questions.

Open By-Pass - Slide 23

JK explained the methodology that was taken to show the AQ count per EUC Band and highlighted that the first table on this slide shows that the AQ is higher. Top table shows AQ is higher in comparison to the initial analysis undertaken (see slide 22).

JK noted that there could be an issue with the data availability and possible inaccuracy.

Closed By-Pass - Slide 24

In comparison with the Open By-Pass, JK advised the same analysis methodology was undertaken for the Closed By-Pass meters and confirmed this analysis has been passed to the *0763R - Review of Gas Meter By-Pass Arrangements, Workgroup*.

Mark Bellman (MB) requested clarification that this exercise was dependant on assumptions of data being reviewed, JK confirmed this was a desktop data investigation and was reliant on the data being accurate.

When LH asked JK, what the outcome is and where the information is leading towards, JK advised that these are the sites that do have an Open By-Pass which he wants to be able to report as line in the sand, whereas the methodology is good, he is questioning the data accuracy that goes into the methodology .

LH asked JK when will we be in a position to be able to get to that position of being comfortable with the data? JK added that the AUGE focus is on sites with an Open By-Pass and not with a Closed By-Pass as they are being considered as part of the 0763R Workgroup.

JK advised that it is unlikely the AUGE will have a definitive answer by the time the Draft AUG Statement is submitted.

Consumption Adjustments - Slide 25

No questions.

Next Steps - Slide 26

JK clarified that:

- AUGE have requested an additional portfolio snapshot
- AUGE will continue to track the output from the industry review group
- If possible, AUGE will forecast the UIG associated with By-Pass meters for the target year

When LOS sought clarification on what the ideal solution would be, JK advised that every Site would have an Open and Closed status. He said that if the AUGE knew that all statuses were correct, and there was a reason column for consumption adjustments, UIG could be calculated from that information.

LH noted that she is aware it is Shipper's responsibility to ensure data accuracy, however, the data accuracy problem is industry wide. JK noted this and agreed.

Detailed Investigation required – Isolated sites (Slides 27 – 30)

Definition - Slide 27

JK explained that an Isolated Site is:

- A registered Supply Meter Point with a meter fitted that has had additional equipment fitted to prevent the supply of gas.
- These sites remain live on the system but are not allocated gas.
- If the sites are off-taking gas, then this will not be recorded in Settlement and therefore creates UIG

Data Files - Slide 28

JK advised what data files had been received but noted that this was received after the analysis cut-off for the meeting.

Analysis – Slide 29

JK explained this issue is similar to that of By-Passes where the data might be suspect in some of these areas, which is more of a suspicion rather than being able to point to a Site.

Action 0701 update: FC advised that now that data has been provided and AUGE have completed their investigation, now is the time to take this back to PAC. FC commented that the suspicions around the accuracy of the data is potentially more of a data-cleanse requirement rather than a performance issue. It was agreed that this action can be closed, and updates will be provided at future AUG meetings. **Closed**

It was noted on the table provided on this slide that there is one Site in Class 1 EUC Band 9 where FC suggested she could do some further investigation on. MB noted this and suggested, whilst he appreciates the effort FC is putting in, that this should be highlighted to PAC who can then contact the Transporter directly. FC advised she is not directly in control of the Transporter and that this Site is a 3rd party.

Next Steps - Slide 30

JK advised:

- AUGE have requested a further snapshot to identify if there are any identifiable trends in the number of Isolated Sites
- AUGE will assess the accuracy of using the AQ by calculating the consumption from the reads and from the connection details of previously reported Isolated Sites
- AUGE will also validate the possibility of extrapolating our results to the Isolated Sites with no rejected reads

Existing Contributors - Slide 31

JK clarified that a refinement investigation is an investigation into only a part of a methodology of an existing contributor, it does not cover the whole methodology.

The two contributors with existing methodologies which had potential for improvement based on known data sources are:

- 010 Theft of Gas with a specific investigation into AMR - Slides 32 - 35
- 090 No Read at the Line in the Sand – Slides 36 -

010 - Theft of Gas in relation to AMR sites - Slides 32 – 35

JK explained:

- This investigation focusses on splitting out any theft detected at sites with AMR fitted from the traditional theft segment.
- The remaining methodology will be the same as described in last year's AUG Statement
- The data files received for this analysis are:
 - TOG Data
 - AMR Snapshot
 - Telemetered Sites report
 - TRAS Data
 - Historical AMR data

Analysis – Slide 33

JK highlighted the table on this slide and advised it represents the percentage of AMR Sites for each Class.

This information satisfies outstanding Action 0703:

Action 0703: All to consider the actual numbers /percentages of the count of sites which have AMR devices fitted.

Analysis – Slide 34

JK explained this slide shows further analysis of recorded Theft at Site vs Theft whilst AMR fitted.

Next Steps – Slide 35

JK explained:

- AUGE to receive the embedded AMR data
- AUGE to recalculate the AMR theft percentage

- AUGE to update the undetected theft methodology to consider AMR theft separately

FC advised that if the Site has embedded AMR data, Correla are still working on how to supply that data as on the system all AMRs are shown by an AMR flag only. FC asked meeting attendees if there is a specific meter type that Correla should be looking at as they are unaware of 'embedded AMR' as a terminology.

JK and FC agreed that an action on Shippers to see if they can ascertain what the Embedded AMR identifier is in UK Link.

New Action 0110: Shippers to ascertain if they have an AMR expert that can advise what the Embedded AMR identifier is that reports to UK Link and provide this information to Xoserve to enable Engage to carry out further analysis in this area.

FC provided the following suggestion to be asked of Shippers:

Shippers have mentioned that reported figures for AMR are understated due to missing "embedded AMR" meters.

Correla do not hold a flag for such meters.

We are looking for info on how these sites could be identified within Xoserve systems, so that we can provide the data to the AUGE.

This assumes that these meters have not been flagged as Smart meters, due to have an embedded remote reading capability, which we would also like to confirm.

During the meeting RK offered the following information:

- Embedded AMRs have Meter Serial Numbers starting E016, 25, 40, 65, 100 and 160.

Neil Cole (NC) thanked RK for the information and confirmed Correla will look at those Meter types in their Core Systems.

Refinement Investigation required – No Read at the Line in the Sand (Slides 36 – 38)

Background and Data Files – Slide 36

JK advised that the Initial Assessment identified two areas where their methodology for No Read at the Line in the Sand could be enhanced. They were:

- Additional read rejection reasons
- Update the forecast unreconciled percentage based on observed reconciliation percentages

The data files received for this analysis are:

- Sites with No Reads after April 2019
- Read Rejections

The data files that have not been provided are:

- Additional Reconciliation Information

Analysis - Slide 37

No questions

Next Steps - Slide 38

JK advised:

- AUGE will receive an Updated Sites with no Read since April 2019, report
- AUGE will run their methodology from last year to calculate the forecast unreconciled percentage
- AUGE will calculate the UIG associated with No Read at the Line in the Sand

Existing Contributors (Slide 39 – 42)

JK advised that they have carried out analysis on three considerations linked to existing contributors, which are:

- Validating the use of AQ in Unregistered Sites methodology
- Validating the use of AQ in Shipperless Sites methodology
- Use of actual mains length data for IGT Shrinkage

020 – Unregistered Sites - Slide 40

• **Additional Analysis**

JK noted that after analysing the last four years of data split by bands, sites with AQ of 1, sites where AQ is greater than 1 but less than 73,200 and sites greater than 73,200, the years showed an increase in AQ's of 1 but decrease in the other two bands.

025 – Shipperless Sites - Slide 41

Additional Analysis

JK advised that using the same three bands as unregistered sites, the Average AQ in EUC band AQ suggests that the Shipperless AQs are too low. No questions

060 – IGT Shrinkage - Slide 42

Additional Analysis

JK advised that following analysis based on main length for each LDZ for all IGTs, the average main length was slightly larger than the value used in the last AUGs, resulted in IGT shrinkage is 18 GWh. No questions

Other Contributors – Slide 43

JK explained there was no new analysis carried out for the other contributors:

- Consumption Meter Errors
- LDZ Meter Errors
- Average Pressure Assumption
- Average Temperature Assumption
- Incorrect Correction Factors

JK noted that more data refreshes were requested and will be updated.

Action 0702 – Theft of Gas for 01N1 (Slide 44 – 46)

JK provided the following update for this outstanding action:

- At the previous Sub-Committee there was a request to provide a summary of how the UIG is calculated for the 01N1 band
- AUGE calculate a total theft figure based on a percentage of throughput. This is 1.48%
- This total theft is then split into four parts Reported theft, Unreported theft, Undetected theft, and Advanced theft
- Undetected theft is most (92%) of the theft and is split between traditional theft (85%) and smart theft (15%)

JK explained the methodology:

- The detected theft proportions are used to split out undetected theft and are based on the proportion of theft from our master data set
- The master data set is the combined set of TRAS and TOG data. The last ten years is used to split traditional theft (85% of undetected theft)
- Fiscal theft is removed from this as it does not affect Settlement
- The 01NI band attracts 25.33% of the traditional theft based on the proportion of previous theft energy amounts
- Applying this 25.33% to the traditional theft energy volume (6,084 GWh) gives a traditional theft amount for 01NI of 1,541 GWh

JK clarified that undetected theft is the most important part of the 01n1 band

LH commented and expressed her concern that the data used might not be correct. She said the price and cost to customers is huge and she is unable to justify the pricing as she cannot see the data that sits behind the analysis.

When LH asked if the data can be shared JK advised it is not the AUGE data, AUGE get the data on a contractual term and are therefore unable to release it. FC advised she will look at the data and see if anything stands out and see if there is a way it can be published in an anonymised format or split it into Shippers and send them their own data.

(CD) asked if there are any plans to validate the data and asked if more updated data can be sought. JK advised this is the same method used as last year. DS noted at the time AUGE did the initial investigation for this AUG Statement period there was nothing new to use for updating the analysis.

CD clarified the reason she raised this is because it feeds into the big changes that customers are seeing, how the theft data works through the system.

When LOS asked, FC confirmed she will work offline with the AUGE to see if there are any one-off large Sites (or handful) and investigate those and highlight them to the Shippers involved.

New action 0210: *Theft of Gas for 01N1 Detected Theft and Traditional Theft - Correla (FC) to work with AUGE on data sets to see if anything stands out and provide update at the next meeting.*

- The total theft volume for the 01NI is made up of four parts, giving a Total Theft of 1,563 GWh
 - Traditional Theft - 1,541 GWh
 - Smart Theft - 3 GWh
 - Unreported Theft - 8 GWh
 - Advanced Theft - 12 GWh
- When compared with the total Consumption Forecast for 01NI (11,928 GWh) the percentage of theft UIG is 13%

Action 0702 closed.

Next Steps – Slide 47

- The draft AUG Statement, including the draft AUG Table, will be provided to the AUG Sub-Committee by the end of December following prior review by the CDSP
- This will be formally presented to industry at the January 2022 AUG Sub-Committee meeting
- Monthly updates will be provided to the industry via the Joint Office
- Engagement with stakeholders will continue throughout the process. AUGE can be contacted at auge@engageconsulting.co.uk

3.0 AUGE Approach and Considerations for 2022/2023

Not discussed.

4.0 AUG 2022/2023 Timeline

Not discussed.

5.0 AUGE Advisory Service (Slides 48 – 55)

JK provided an overview of the remit for the Advisory Service and advised this service is to provide stakeholders with expert advice from the AUGE.

Request – Slide 50

JK provided information on a request from a Shipper to provide a UIG Monthly Distribution forecast. He explained that the information that is required to build this report is not readily available without further development and asked the meeting participants if there is any further interest in developing this UIG Monthly Distribution Percentage report. The meeting participants did not indicate any further interest.

Industry Issues – Slide 51 & 52

JK provided an overview of the Industry Issues Log which shows 5 live issues covering:

- COVID-19
- Changes to theft arrangements due to REC v1.12
- Faulty Meters
- Must Reads on Supply Meter Points with no read
- AQ corrections on Supply Meter Points with no read

Future Considerations Slide 53 & 54

JK provided an overview of the Future Considerations table which shows 1 live consideration:

Action number	Future Consideration	Latest Update	Date Opened
2f	We will consider the potential impact of flow rates on Consumption Meter errors for subsequent years.	This will require individual site data. This data will not be requested this AUG Year.	05/02/2021

6.0 Next Steps

LOS thanked Engage for providing the material for the meeting and confirmed the next steps as:

- Engage will continue their analysis
- The Draft AUG Statement will be issued in December 2021
- The Draft AUG statement will be reviewed by this Committee in January 2022

7.0 Any Other Business

None

8.0 Diary Planning

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

Time/Date	Venue	AUG Sub-Committee Agenda
Friday 14 January 2022	Via Microsoft Teams	Walkthrough Draft AUG Statement
Friday 18 February 2022	TBC	Agenda to be confirmed
Friday 11 March 2022	TBC	Agenda to be confirmed
Friday 08 April 2022	TBC	Agenda to be confirmed

Action Table (as at 30 September 2021)

Action Ref	Meeting Date	Minute Ref	Action	Owner	Status Update
0701	02/07/21	3.0	Correla on behalf of Xoserve (FC) to raise at PAC the accuracy over data in relation to isolated sites.	Correla on behalf of Xoserve (FC)	Closed
0702	02/07/21	3.0	Engage (JK) to supply further justification of the SME percentages, together with numbers; EUC Band 1NI.	Engage (JK)	Closed
0703	02/07/21	3.0	All to consider the actual numbers /percentages of the count of sites which have AMR devices fitted.	ALL	Closed
0704	02/07/21	4.0	Engage (JK) and Correla on behalf of Xoserve (FC) to produce a one-page summary document to overview the two innovations; 10 LDZ Specific Factors; and 90 Changing the residual reconciliation redistribution process (UGR) for submission to the UNCC on 07 July 2021.	Engage (JK) & Correla on behalf of Xoserve (FC)	Closed
0705	02/07/21	4.0	Engage (DS/JK) to provide the basis of the Modifications in relation to Innovations 10 and 90; why, solution and ROM.	Engage (DS/JK)	Closed
0706	02/07/21	4.0	Engage (JK) to provide information on the forecasting UIG for a gas year.	Engage (JK)	Closed
0110	30/09/21	2.0	Shippers to ascertain if they have an AMR expert that can advise what the Embedded AMR identifier is that reports to UK Link and provide this information to Xoserve to enable Engage to carry out further analysis in this area.	Shippers	Pending
0210	30/09/21	2.0	<i>Theft of Gas for 01N1 Detected Theft and Traditional Theft</i> - Correla (FC) to work with AUGE on data sets to see if anything stands out and provide update at the next meeting.	Correla (FC)	Pending