

**UNCC (AUG) Sub-Committee**  
**Wednesday 11 November 2020**  
**via teleconference**

<b>Attendees</b>		
Lorraine O'Shaughnessy (Chair)	(LOS)	Joint Office
Karen Visgarda (Secretary)	(KV)	Joint Office
Carl Whitehouse	(CW)	Shell Energy
Chandima Dutton	(CD)	Waters Wye Associates
Chris Hill	(CH)	Engage Consulting (AUGE)
Fiona Cottam	(FC)	Xoserve
Jason Salmon	(JS)	Utility Warehouse
Jon Welch	(JW)	Gemserv (PAFA)
Jonathan Kiddle	(JK)	Engage Consulting (AUGE)
Louise Hellyer	(LH)	Total Gas & Power
Mark Bellman	(MB)	ScottishPower
Mark Jones	(MJ)	SSE
Neil Cole	(NC)	Xoserve
Rhys Kealley	(RK)	British Gas
Steve Mulinganie	(SM)	Gazprom

Copies of all papers are available at: <https://www.gasgovernance.co.uk/aug/161120>

## 1.0 Introduction and Status Review

Lorraine O'Shaughnessy (LOS) welcomed everyone to the meeting.

### 1.1. Approval of Minutes (11 September 2020)

The minutes from the previous meeting were approved.

### 1.2. Approval of Late Papers

LOS advised the Committee there had been 3 late papers submitted by Engage that were updated versions of original documents, and all participants agreed to accept these.

### 1.3. Review of Outstanding Actions

**Action 0702: Advisory Service** - Xoserve and AUGE to review and create a list of FAQ's; Points of Contact and publish a revised FAQ document.

**Update:** CH advised this was still ongoing pending agreement of the revised Sub-Committee Terms of Reference, and requested the action was carried forward. **Carried Forward**

**Action 0704: Advisory Service** - Engage to put signpost to Joint Office on the Engage website.

**Update:** CH advised that Engage were still liaising with their 3rd party that manages their website and that he would provide the appropriate link in due course and that this action needed to be carried forward. **Carried Forward**

**Action 0901:** CDSP (FC) to review and publish a revised FAQ document.

**Update:** This action has been combined with action 0702 above. **Closed**

**Action 0902: UIG Initial Assessment Recap** - Engage (JK) to provide high level summary of which methodologies have changed. Will be incorporated in the September Monthly Report for visibility.

**Update:** JK confirmed the amendments had been incorporated within the monthly reports and

that he had not received any feedback, so had understood the format met the requirements. This action was then closed. **Closed**

**Action 0903:** Engage to discuss with DNV-GL with regards to Topic 060 - IGT Shrinkage, as to why they operated as they did and chose not to approach IGTs directly for their individual mains length

**Update:** JK confirmed that this action could now be closed in relation to the iGTs' interaction. **Closed**

**Action 0904:** *Atmospheric Pressure Assumption* - On behalf of the Committee, Xoserve (FC) to request more information to be shared from DNV -GL with regards to the Temperature Study they had access to.

**Update:** FC said that she would contact DNV-GL and liaise with Engage on this matter. She explained that she believed it was a Networks permission issue and that clearly previously DNV-GL had those permissions in place. Steve Mulinganie (SM) asked if this was a time critical item as clearly accessing the relevant data that was required needed to be accessed in an expedient manner. FC requested this action was carried forward and she would investigate this matter. **Carried forward**

**Action 0905:** *Industry Issues* - Engage (CH) The Issues log is to be updated to include the joint Theft of Gas Modification 0734 and Modification 0711 and add in how the impact to COVID-19 has been handled.

**Update:** JK said this information was encompassed within the monthly report and that considerations were to be investigated in relation to the COVID-19 impacts, however these had not yet been quantified. The action was then closed. **Closed**

**Action 0906:** *Draft Updates to Sub-Committee Terms of Reference* - Xoserve (FC) to provide an updated version of the AUG Sub-Committee Terms of Reference. This will then be published on the Joint Office website Committee feedback will be requested.

**Update:** FC said that the Terms of Reference (ToR) had been updated and provided an overview of the changes (See item 4.0) and it was agreed that she would submit the ToR to the November UNCC meeting for approval and the action was then closed. **Closed**

## 2.0 AUG 2021/2022 Timeline

The current Indicative AUG Timeline for Analysis Year 2020/21 can be found here: [www.gasgovernance.co.uk/augenex2122](http://www.gasgovernance.co.uk/augenex2122).

### Summary of the Timeline and its progress is as follows:

<del>10 July 2020</del>	<del>Introduction meeting</del>
<del>11 September 2020</del>	<del>Early engagement meeting</del>
<del>11 November 2020</del>	<del>Extraordinary Meeting requested by Engage</del>
01 January 2021	Publication of the first draft AUG Statement
15 January 2021	Walkthrough of the draft AUGS
22 January 2021	Deadline for Industry feedback
12 February 2021	AUG Sub-Committee meet to discuss Industry feedback
5 March 2021	Publication of modified AUGS 12 March 2021 AUG Sub-Committee meet to discuss modified AUGS
1 April 2021	Publication of revised AUGS (if required)
06 April 2021	AUG Sub-Committee meet to discuss final AUGS
15 April 2021	Final AUGS is presented to UNCC
01 October 2021	Final AUGS effective date

### **3.0 AUGE Approach and Considerations for 2021/2022**

#### **3.1. Latest view of data sources and availability of data**

Christian Hill (CH) and Jonathan Kiddle (JK) explained they had requested this meeting to provide more detail on the methodologies and current thinking on the contributors that they were using in relation to Unidentified Gas (UIG).

CH added that this was also to ensure transparency around the work that was being undertaken by the AUGE and he added that for the avoidance of doubt, they were not yet in a position to provide any information in relation to weighting factors as these were still being determined. CH said this would be provided to the stakeholders at the beginning of the New Year, in line with the process described by the AUGE Framework.

CH and JK then provided a high-level overview of the agenda and approach which encompassed the following areas; the latest status for the updated prioritised data request, the detailed investigation update, the update on the 6 existing contributors not under detailed investigation, the consumption forecast methodology and initial results, the innovation and Advisory Service Terms of Reference, and the next steps.

The presentation covered the following main topics, where there was interaction with 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/111120>

#### **Delivery Timeline**

CH highlighted that the AUGE is now at the Early Engagement Meeting within the timeline and explained the next step will be provision and publication of the draft AUG Statement by 01 January 2021.

#### **Updated Prioritised Data Request**

JK advised he had submitted the updated Prioritised Data Request to the CDSP on the 18 September 2020 and that the majority of the files had been delivered in October, however that some late delivery of files had led to delays in the analysis. JK said that the complete details of the data request had already been provided with the October monthly industry report.

#### **Calculation Methodology Recap**

JK provided a reminder that the calculation methodology will be a 'bottom up' calculation of the forecasted energy associated with each UIG contributors.

Within this methodology there would be an estimated total UIG which would be compared with individual contributors. JK added that a seasonal normal forecast of the consumption for the year for each LDZ would be calculated, which would be based on the AQ of sites and potential changes between class and EUCs. He explained the Weighting Factors for each matrix position would be calculated based on the aggregated forecasted UIG and the total forecasted consumption for that matrix position. He also made note that Modification 0711- Update of AUG Table to reflect new EUC bands had been catered for within the AUGE methodology. SM said that in relation to Modification 0711, would the methodology be broadened to encompass the impact of COVID-19 and the consumption data due to lockdown 1 & 2. JK confirmed that this impact was being looked at with regards to Domestic AQs and individual contributors as result of the increased demand from home working, but he added, these impacts were not yet known.

#### **Investigation Topics**

JK advised that the methodologies for the four contributors identified for detailed investigation were still in development and these were:

- Theft of Gas
- Consumption Meter Errors
- LDZ Meter Errors

- No Meter Read at Line in the Sand

JK explained some of the data, analysis and proposed methodology had now been updated and some specific detail was still in the evolving process.

- 010 - Theft of Gas

JK explained that the data that had been received to date was the TOG data from CMS and the TRAS data with the additional fields, together with some sample ETTOS data sets, together with some theft information to help identify the split between SMART meter and traditional meters.

With regards to the Shipper proportions data for each TRAS theft that had been requested, it had become apparent due to the nature of the data that the AUGE could have been able to identify the participant from this anonymised data. JK said that he had initially requested the shipper for each TRAS theft and the shipper proportions to be provided anonymised. However due to the nature of the data Engage would be able to identify a market participant from this data. JK clarified that as Engage will not be able to follow to the previous methodology used by the previous AUGE which had used a 'balancing factor and was assumed to almost exclusively contain undetected theft, Engage had had to use a 'bottom up' approach with regards to the total value of theft of gas.

JK explained that the Modification 0734 - Reporting Valid Confirmed Theft of Gas into Central Systems, could take account of unreported Theft of Gas, and there was potential evidence that theft was still detected but not reported. JK said that until the Modification was implemented, that this would be kept as a line item. SM said that was a sensible approach.

### Analysis

JK explained that the theft was made up of Reported Theft, Unreported Theft and Undetected Theft and overviewed the schematic which detailed the sub types of gas theft. Within the section of Undetected Theft a lengthy general discussion took place in relation to some of the terminology and wording used in this section, and it was agreed that as this information would be in the public domain that this should be amended. JK agreed to make these alterations and it was agreed the wording would be amended to 'un-controllable and controllable gas'.

<b>New Action 1101:</b> Engage (JK) to amend the wording in the Type of Theft table in relation to Undetected Theft.
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JK provided an overview of the TOG and TRAS confirmed theft of gas data as described in the schematic and explained that all of the TOG data would go into settlement, but that this was not the case in relation to the TRAS data. JK said regarding the LDZ data there were no specific identifiable trends associated to the LDZs.

JK said that based on the theft size, Engage had calculated that unreported theft was 30% of the identified theft for the target year and that they had estimated that 20% of the theft may be being detected by suppliers but not entered into either TRAS or TOG. He added that AUGE's unreported theft estimate for the target year was 34 GWh and that they had assumed this would not enter settlement and therefore would apportion it by previously unreported theft. SM asked if, and when, the Modification 0734 - Reporting Valid Confirmed Theft of Gas into Central Systems was implemented would this impact and eliminate the 34 GWh. JK said that even if the Modification was implemented it would not necessarily remove everything, and SM said if a supplier did not make as claim on the incentives, would this be split on the 34 GWh, JK said yes but added that any incentive schemes were out of the Engage scope.

JK proceeded to move through the other Theft of Gas areas and drew attention to specific areas of interest, as and when applicable. Within the Recap slide he overviewed the proportion of theft by type of theft and noted that Reported and Unreported Theft presented a 2-2/5% of proportion and the Undetected Theft presented a 97.-98% proportion. In relation to the splitting area, JK said that the previous methodology used the detected TRAS thefts to split the undetected theft, however he explained that Engage were investigating other potential methodologies to split the undetected theft into matrix positions for the target year, and that these would be included in the statement in due course and updates will be provided in the

monthly reporting. JK explained a potential industry issue was in relation to the change to theft arrangements due to Ofgem's REC v1.1 consultation, which has been added to their Industry Issues Log. SM said that he could help Engage as he was a SPAA representative and was also involved in REC and that he would be happy to liaise in order to obtain the necessary data that would be required for next year. JK said that would be very appreciated.

**New Action 1102:** Engage (JK) and Gazprom (SM) to liaise in relation to obtaining data for next year from SPAA and REC v1.1. consultation.

- 040 – Consumption Meter Errors

JK advised that new data had been received from the Office for Product Safety and Standards and that new contributor had been identified. JK had spoken to BEIS regarding the summary of a disputed meter accuracy test for Domestic, Commercial and Industrial sites. JK said that further data was expected from Xoserve in relation to meters errors.

### Analysis

JK provided an overview of the In-Service testing schematic, which showed the results from 2017 – 2019 and he said the annual In-Service Testing scheme (IST) assessed the conformity of MID approved domestic type meters (i.e. U6/G4/E6) against the legal requirements and the meters were sampled at 3 year intervals although, to date, Engage only had data from the first (i.e.3 year) and second (i.e. 6 year) sampling period.

In relation to the Domestic sized In-service meter testing results JK said they were using the rate at 0.2 Qmax and that on average meters were under recording by 0.17%. JK added that the average error was 0.05% for the domestic type Ultrasonic sites and 0.23% for the domestic type Diaphragm sites with no yearly change. He noted that no results had been provided for the same manufactured year, and the results for 2020 had been delayed until December 2020. JK overviewed the Dispute Meter Testing schematic and explained that Engage had received meter testing for 2019 for the domestic and the previous 3 years for the commercial and industrial data.

JK then provided a high-level overview of the types of meter analysis, regarding the types of meters and numbers of meters installed and this information will be considered within the Engage calculations.

JK explained the proposed methodology – built in bias would be undertaken as detailed below:

- To calculate the UIG associated with this contributor, we will apply the relevant meter percentage to the forecasted consumption for each meter type for each LDZ matrix position
- The error rate will be applied to each meter type and is not applied differently based on age of the meter, the AQ of the site or where it was installed
- The meter type consumption estimation will consider an estimate of the types of meters that will be installed
- Initial estimates based on current meter populations by AQ is 650 GWh. This will change for the forecast year

JK said concerning the AQ 650 GWh, this would be split in the monthly reports and that he would include this area.

**New Action 1103:** Engage (JK) to provide the split of the AQ 650 GWh into the monthly reports.

JK advised that he was awaiting the faulty meter error data in order to investigate if the sites with meter errors had consumption adjustments to take account of the fault, and likewise the meter accuracy reports from BEIS were for a limited biased population, so it was hard to accurately extrapolate the data to the whole population.

JK then overviewed the various areas of extremes of use specifically regarding the AQ versus hours for EUC02 BND. He added that it was not his intention to use the previous methodology

to calculate UIG associated with extreme use, as he expected this to have a minimal effect on his UIG calculations.

- 050 – Meter Errors at LDZ Input

### Analysis

JK gave an overview of the initial results and said the average yearly error associated to the LDZ input meters over the last 5 years was 25 GWh and the estimate of UIG was 2.5 GWh, he explained this had been split equally between all sites based on the proportion of forecast energy throughput.

- 090 – No Meter Read at Line in the Sand

JK presented initial findings on sites with no meter read. He said the sites with no read populations, showed an average reduction from the previous reports of approximately 10% and the majority of sites were still in 01BPD and 01BNI, with the largest volume in 01BND and 09B.

SM questioned the value at risk amount in the schematic graphs. Fiona Cottam (FC) explained that there was a mixture of different classes and some sites were over the Class 1 threshold and that this was might not show very well within the PARR Reports, as the PARR reported on % of sites. She said that if a site was overdue for a meter a reading by 3 months', then this would be running on D-7 estimates. FC agreed to investigate and raise the individual sites with the relevant Shippers, and offer to support to resolve these sites.

**New Action 1104:** Xoserve (FC) to discuss with the Performance Assurance Committee (PAC) the review of the PARR Report to include sites with no meter read for 3 years and high AQs.

**New Action 1105:** Xoserve (FC) to engage with the Shippers/Advocates to investigate the lack of meter reads at sites with an AQ above 58.6m kWh and provide root cause data.

LOS said she would talk to the Chair of PAC to arrange to get an agenda item added to the next PAC meeting in December 2020 with the title of: *No Meter Read at Line in the Sand, 01BNP, 01BNI and 09B*.

**New Action 1106:** Joint Office (LOS) to speak with PAC Chair and arrange to get a new agenda item added to the December 2020 meeting agenda: *'No Meter Read at Line in the Sand, 01BNP, 01BNI and 09B'*.

JK advised that he had investigated the EUC trends within an LDZ, SO – 01B and NT -01B to see if that was a potential source of the error rate and that these trends excluded the AQ of sites with no read.

He said the initial AQ correction factors findings showed there were 1,167 AQ correction in 2020 for sites with no read, this has reduced the AQs by 68GWh. There were corrections that increased and decreased the AQ. In a few cases the reason was due to a tolerance change, with the majority being down to a change in plant use. One single AQ correction changed the AQ by 54 GWh. JK stated that any incorrect reduction could lead to an underestimate of UIG associated with sites with no read

SM said was there any risk concerning Modification 0736/A - Clarificatory change to the AQ amendment process within TPD G2.3. JK said that the Modification did not cover this area and added that any site not read would follow the normal industry AQ read process, and if there was any change outside the normal process, then there would be an impact on UIG. JK said he would investigate this area further in relation to the Modification.

**New Action 1107:** Engage (JK) to investigate consequences of reduced AQs and impacts on data for domestic and non-domestic in relation to Modification 0736/A - Clarificatory change to the AQ amendment process within TPD G2.3.

JK advised that there would be UIG associated with this contributor and that an estimate of the UIG would be calculated based on the forecast reconciliation percentages and an AQ error factor based on AQ changes and other factors; read rejections, AQ corrections and failed must reads.

### **Existing Contributors**

JK advised that a validation process had now been undertaken and a new model had subsequently been produced.

- 020 - Unregistered Sites

JK said the methodology calculated an estimated offtake for unregistered sites for the forecast year based on the current trends of unregistered sites, back billing rules and whether there was any evidence of offtake before the meter was installed

He advised the main difference between the Engage method and the previous method was the calculation of the proportion of the sites that were back billed or used gas, before they were registered, and that Engage do not amend the AQ of any site. He said that there was one confirmed unregistered site in EUC09 this year which was previously creating UIG.

- 025 - Shipperless Sites

JK advised the methodology calculated the estimated consumption of SSrP Shipper Specific rePort and Passed To Shipper (PTS) Shipperless sites that were not back billed and likely to be consuming gas but not registered in the forecast year. This was calculated based on historical trends by EUC band. He explained the proportion of Shipperless sites that were likely to be connected was calculated for each EUC based on the connection details from the last 3 years. The PTS proportion was 41% where the population was greater than 1 and the SSrP proportion was 48% for EUC band 1 and 41% for EUC bands 2 to 6

- 020 and 025 – Unregistered and Shipperless Sites

JK advised the calculated UIG for Unregistered and Shipperless sites had currently been estimated to be 125 GWh. This was to then be split between the bands that created them. He added that the differences from previous estimates were due to the proportion that had been calculated to be back billed and the unregistered site in EUC 09. JK said these results would be investigated to check whether there had been any back billing.

SM said that regarding EUC09 there was a very large proportion of the volume on one site and that would become an issue if it became unregistered. JK said there were no other EUC Bands in the orphaned list and less than 12 months' which could be unregistered as well and so this could not be excluded from the data set. FC said that Xoserve were aware of this large site and investigations were taking place to check whether there had been any back billing on this site.

- 060 - IGT Shrinkage

JK explained that in order to calculate the IGT shrinkage volume, the leakage rates from the National Leakage Test were multiplied by the length of mains that would be live for the forecast year. He said to calculate the total energy, the volume would need to be multiplied by the CV to derive the energy volume for the whole network. This energy was then split between each matrix position on the basis of AQ proportion.

JK noted he was presently waiting for the length of main data and pipe type from the IGTs and their forecast (rather than the DN mapping system) which had been expected in the last week of October and was now due to be sent once they had received payment for collating the data.

- 070 - Atmospheric Pressure Assumption

JK explained the methodology for this topic was similar to what the previous AUGE had used previously, and the methodology used the weather station and altitude data to determine two pressure variances, one based on altitude and the other on weather station data. He explained these pressure variances were then used to calculate energy error factors, which were applied to two subsets of forecast LDZ throughput to determine LDZ UIG. One set was for the sites

that have the standard correction factor and the other was for all sites that do not have equipment that considers pressure changes. JK noted the LDZ UIG was then aggregated to derive the contributor UIG, he added that any site with equipment that corrects for changes in pressure installed does not generate UIG in relation to this contributor, so sites with site specific correction factors only receive the weather station pressure adjustment.

SM said that he would appreciate more clarification on this topic to highlight any unusual areas, which in turn, would greatly assist his analysts in house at Gazprom, when they began to look at the data. JK said he would provide further specific information.

- 080 - Average Temperature Assumption

JK advised that the initial results had calculated the total estimated UIG associated with the temperature assumption to be 1,302 GWh, which he admitted was twice as much as last year. He noted there were some matrix positions that could create negative UIG as the meters were inside and therefore the temperature had been identified to be higher than the static factor provided in the thermal regulations. He again reiterated the majority of the EUC Band 09 UIG was down to one site with a standard correction factor and no corrective equipment fitted.

SM said this needed further investigation as to why this figure was double to last year and JK said they had used the same data as the previous AUGGE, however they were not able to see the formulas/calculations or workings as to how they had arrived at the end figures. FC said that again this could be down to a data permissions area, but she added that every service provider would be approaching the analysis in a different way. SM said he understood that, but the scale of change was huge, and this was a concern, especially as there was no reason for the doubling of this figure. CH said that presently they were unable to do a comparison 'like for like' exercise and FC reiterated she would investigate the data permissions to obtain the data and calculations method, and JK said then he would be able to re-model the data.

- 100 - Large Sites with Incorrect Correction Factors

JK explained the estimated UIG energy associated with the 30 sites with too low correction factors sites was 413 MWh, and there were still approximately 1,500 sites with a standard correction factor with the estimate of UIG being 2,416 GWh. He explained these results were in essence skewed by one site in, NO EUC09 which did not have a corrector and site-specific correction factor and one site was in WS EUC 06 where the LDZ had a very large average correction factor. FC advised that processes introduced by Modification 0681S (Improvements to the quality of the Conversion Factor values held on the Supply Point Register) would not be able to correct all the sites above the 732,000 kWh threshold, where the site had never had a site specific conversion factor.

JK reiterated that Engage had calculated the initial results for five of the six contributors, and some validation of the results was still outstanding that would be addressed in due course. He added that once the IGTs had provided the mains length and pipe type then this contributor would be calculated and encompassed within the November monthly report.

- Total UIG Estimate

JK advised that Engage combined the UIG, UGR and offline adjustments split to the supply month and that this information would provide the 12-month UIG position in relation to rolling and percentage wise prior to producing the factors. He added this information would be used to provide sense check of the 'bottom up' methodology of the calculation of the UIG.

- Consumption forecast process

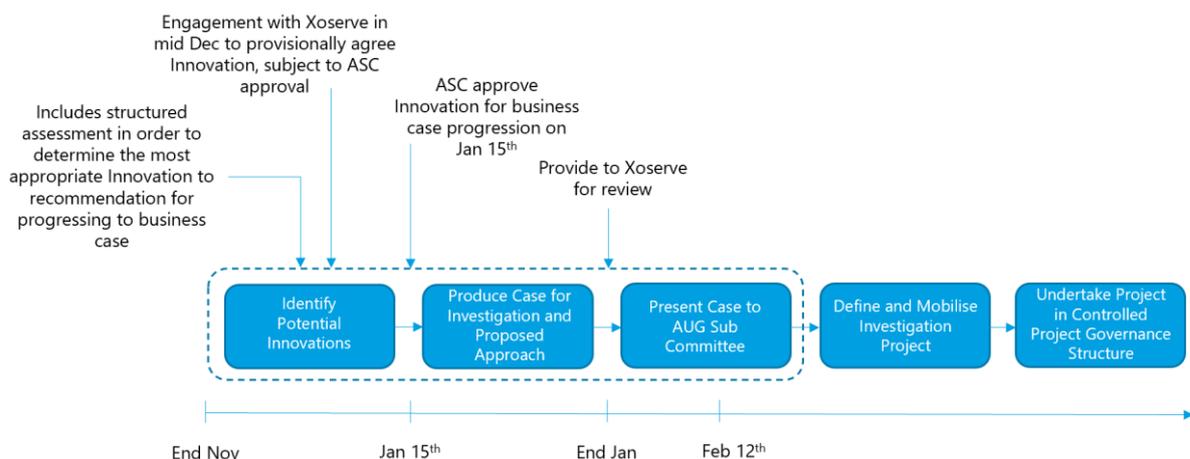
JK provided an overview of the schematic graphs that depicted the identified trends for 01BND Class 3 & 4 forecast and the EUC09 Trend. JK advised that this was raw data and it was looking at the factors and consumption, and that it might need to be further amended, once the correction factors were in-line with the weighting factors, which would show how the market reacts to the weighting factors, and he said that the previous AUGGE had not included the method.

A lengthy general discussion then took place and many of the Committee participants were not comfortable with this approach, as they felt this was not transparent, and the change in weighting factors could influence overall behaviours and subsequently drive parties back to Class 4.

CH said that Engage had adopted a different approach from the previous AUGE who had come from an engineering background, whereas both JK and CH had come from a previous Shipper background. CH and JK both said clearly they would be led by the industry as to the best approach and that perhaps this could be an approach in future years, as they understood from a timing aspect this was not an appropriate avenue to proceed down presently.

- Innovation and Advisory Service

CH gave an update to the innovation timeline as below:



#### 4.0 Draft Updates to Sub-Committee Terms of Reference

FC provided an overview to the track changes of the Terms of Reference Section 1.3, and the Committee agreed that the revised Terms of Reference should be submitted to the November 2020 UNCC.

**New Action 1108:** Xoserve (FC) to submit the final Terms of Reference to the November 2020 UNCC for approval.

#### 5.0 Next Steps

In summarising the next steps, CH thanked the Committee for agreeing to attend this extraordinary meeting and all participants confirmed it had been a valuable and useful meeting.

CH then advised the following:

- 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 AUG Sub-Committee Meeting.
- Responses to the draft AUG Statement will be required by the middle of February.
- Engagement with stakeholders will continue throughout the process, we can be reached at any time by contacting us at [auge@engage-consulting.co.uk](mailto:auge@engage-consulting.co.uk).

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- 10 July 2020 — Introduction meeting
- 11 September 2020 — Early engagement meeting
- 11 November 2020 — Extraordinary Meeting requested by Engage

01 January 2021	Publication of the first draft AUG Statement
15 January 2021	Walkthrough of the draft AUGS
22 January 2021	Deadline for Industry feedback
12 February 2021	AUG Sub-Committee meet to discuss Industry feedback
5 March 2021	Publication of modified AUGS
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15 April 2021	Final AUGS is presented to UNCC
01 October 2021	Final AUGS effective date

## 6.0 Any Other Business

FC said that she wanted to thank the Joint Office Team for scheduling this extra meeting at short notice and for providing the necessary pre/during and post meeting support.

## 7.0 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
10:00 Friday 15 January 2021	TBC	Walkthrough of the draft AUGS
10:00 Friday 12 February 2021	TBC	Discuss Industry feedback
10:00 Friday 12 March 2021	TBC	Discuss Modified AUGS
10:00 Tuesday 06 April 2021	TBC	Discuss final AUGS

### Action Table (as at 11 November 2020)

Action Ref	Meeting Date	Minute Ref	Action	Owner	Status Update
0702	10/07/20	4.0	<i>Advisory Service</i> - Xoserve and AUGS to review and create a list of FAQ's; Points of Contact and publish a revised FAQ document.	CDSP (FC and Engage (CH)	<b>Carried Forward</b>
0704	10/07/20	4.0	<i>Advisory Service</i> - Engage to put signpost to Joint Office on the Engage website.	Engage (CH)	<b>Carried Forward</b>
0901	11/09/20	1.3	CDSP (FC) to review and publish a revised FAQ document	Xoserve (FC)	<b>Carried Forward</b>
0902	11/09/20	3.0	<i>UIG Initial Assessment Recap</i> - <i>UIG Initial Assessment Recap</i> - Engage (JK) to provide high	Engage	<b>Closed</b>

**Action Table (as at 11 November 2020)**

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			level summary of which methodologies have changed. Will be incorporated in the September Monthly Report for visibility.	(JK)	
0903	11/09/20	3.0	<i>IGT Shrinkage</i> - Engage (CH/JK) to discuss with DNV-GL with regards to Topic 060 - IGT Shrinkage, as to why they operated as they did and chose not to approach IGTs directly for their individual mains length	Engage (CH/JK)	<b>Closed</b>
0904	11/09/20	3.0	<i>Atmospheric Pressure Assumption</i> - On behalf of the Committee, Xoserve (FC) to request more information to be shared from DNV-GL with regards to the Temperature Study they had access to. SM suggested the Committee request (Xoserve) to establish the Temperature Study Report data.	Xoserve (FC)	<b>Carried forward</b>
0905	11/09/20	3.0	<i>Industry Issues</i> - Engage (CH) The Issues log is to be updated to include the joint Theft of Gas Modification 0734 and Modification 0711 and add in how the impact to COVID-19 has been handled	Engage (CH)	<b>Closed</b>
0906	11/09/20	4.0	<i>Draft Updates to Sub-Committee Terms of Reference</i> - Xoserve (FC) to provide an updated version of the AUG Sub-Committee Terms of Reference. This will then be published on the Joint Office website Committee feedback will be requested	Xoserve (FC)	<b>Closed</b>
1101	11/11/20	3.0	Engage (JK) to amend the wording in the Type of Theft table in relation to Undetected Theft.	Engage (JK)	<b>Pending</b>
1102	11/11/20	3.0	Engage (JK) and Gazprom (SM) to liaise in relation to obtaining data for next year from SPAA and REC v1.1. consultation.	Engage (JK)	<b>Pending</b>
1103	11/11/20	3.0	Engage (JK) to provide the split of the AQ 650 GWh into the monthly reports.	Engage (JK)	<b>Pending</b>
1104	11/11/20	3.0	Xoserve (FC) to discuss with the Performance Assurance Committee (PAC) the review of the PARR Report to include sites with no meter read for 3 years and high AQs.	Xoserve (FC)	<b>Pending</b>
1105	11/11/20	3.0	Xoserve (FC) to engage with the Shippers/Advocates to investigate the lack of meter reads at sites with an AQ above 58.6m kWh and provide root cause data.	Xoserve (FC)	<b>Pending</b>
1106	11/11/20	3.0	Joint Office (LOS) to speak with PAC Chair and arrange to get a new agenda item added to the December 2020 meeting agenda; 'No Meter Read at Line in the Sand, 01BNP, 01BNI and 09B'.	Joint Office (LOS)	<b>Pending</b>
1107	11/11/20	3.0	Engage (JK) to investigate consequences of reduced AQ's and impacts on data for domestic	Engage	<b>Pending</b>

**Action Table (as at 11 November 2020)**

Action Ref	Meeting Date	Minute Ref	Action	Owner	Status Update
			and non-domestic in relation to Modification 0736/A - Clarificatory change to the AQ amendment process within TPD G2.3.	(JK)	
1108	11/11/20	4.0	Xoserve (FC) to submit the final Terms of Reference to the November 2020 UNCC for approval.	Xoserve (FC)	<b>Pending</b>