

AUGE Monthly Industry Report



Date: 1 December 2020

DOCUMENT CONTROL

Reporting Period: November 2020

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OVERVIEW

The purpose of this document is to keep stakeholders informed of activities and interactions carried out by the AUGE during the relevant month and to provide an update on progress with regard to delivery of the AUGE Service.

We have:

- ▶ Presented a detailed overview of our methodology in relation to each contributor at the extraordinary AUG Sub-Committee meeting of 11th November and are currently actioning feedback provided by attendees.
- ▶ Finalised the sub-models and generated initial results for all contributors.
- ▶ Completed assessment of potential impacts of COVID-19 on UIG.
- ▶ Continued production of the draft AUG Statement, which will be shared with industry in late December.
- ▶ Commenced production of the consultation document to accompany the draft AUG Statement.
- ▶ Commenced build of the harness model and generated an initial view of the Weighting Factors for inclusion in the AUG Table.
- ▶ Commenced identification and assessment of any potential innovations. This will be presented at the AUG Sub-Committee meeting scheduled for 15th January following discussion with Xoserve in December.

The AUGE is open to engagement with all stakeholders, any interaction will be logged and conducted in accordance with our principles of transparency and objectivity. Please contact us at auge@engage-consulting.co.uk.

SERVICE STATUS



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KEY ISSUES AND RISKS

ISSUE DESCRIPTION	H/M/L	MITIGATION
COVID-19	M	We have assessed the potential impacts of COVID-19 on UIG, as well as the data used to assess the contributors to UIG. Further detail will be provided in the draft AUG Statement.
Data Receipt	L	We have now reached the point where we will not be able to include any further data within our processes. Only a very small amount of data is outstanding, we have used a fallback methodology to compensate for IGT data not being forthcoming.

RISK DESCRIPTION	H/M/L	MITIGATION
None		

CORE SERVICE

Detailed Investigation Update

ID	CONTRIBUTOR NAME	STATUS
010	Theft of Gas	<p>We have completed the analysis and defined the methodology for calculating both total theft and the three UIG sub contributors for theft - Unreported theft, Uncontrollable Undetected theft and Controllable Undetected theft.</p> <p>We have calculated an initial UIG value for each of these methodologies and split the total value to matrix positions.</p>
040	Consumption Meter Errors	<p>We have finalised our methodology and calculated the estimate of UIG for the forecast year based on the forecast demand. The current split is 70% domestic and 30% commercial.</p>

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050	Meter Errors at LDZ input	The results were finalised last month, with no changes being made this month.
090	No Meter Read at Line in the Sand	<p>We have completed our analysis, which has identified the percentage of allocation that will not be reconciled and calculated an error percentage based on AQ trends and read rejections.</p> <p>The read rejection reason used was reads being rejected for exceeding the outer tolerance.</p> <p>We investigated how many more reads would be accepted if this tolerance were raised and identified some sites that would have reads accepted. However, we also identified others that were rejected correctly that would have been accepted by the tolerance change.</p> <p>As we only receive a subset of the data, we cannot assess the whole impact without a full data set; this is not within the scope of our work. Based on the methodology, we have calculated a forecast of UIG for the target year and split it to each matrix position.</p>

Other Contributors Update

For all other previously assessed contributors, we have completed the related analysis.

ID	CONTRIBUTOR NAME	STATUS UPDATES
020	Unregistered Sites	We have completed the analysis and generated and validated our estimate of UIG for the target year.
025	Shipperless Sites	We have completed the analysis and generated and validated our estimate of UIG for the target year.
030	IGT Unknown Projects	No UIG identified for this contributor.
060	IGT Shrinkage	Due to validation issues, we have not been provided with the data requested from the IGTs. As a temporary methodology for the draft statement, we

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		have assumed an average main length of 8m across the country and have used data from Xoserve to estimate the number of sites for the target year. This has produced an estimate of UIG of 16GWh.
070	Atmospheric Pressure Assumption	We have completed the analysis and generated and validated our estimate of UIG for the target year.
080	Average Temperature Assumption	We have completed the analysis and generated and validated our estimate of UIG for the target year.
100	Large Sites with Incorrect Correction Factors	The analysis has been updated and the large values of UIG previously found were determined as being not applicable in a real-world scenario. We have generated and validated our estimate of UIG for the target year.

Contributors not under investigation

ID	CONTRIBUTOR NAME	STATUS
110	CV Shrinkage	No investigation planned.
120	Meter Exchanges	No investigation planned.

DELIVERABLE / KEY ACTIVITY	PROGRESS
Data Acquisition and Detailed Investigation	
Sub-Model build	Complete.
Harness Model build	We have commenced the harness model build. This combines the sub-models and calculates and smooths the Weighting Factors.
Consumption forecast	Calculation complete, potential effects of COVID-19 and the current class 3 trend not continuing have been taken into consideration.

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Statement and Engagement	
AUG Statement	Drafting of the Statement is nearing completion ahead of provision to Xoserve on 15 th December.
AUG Sub-Committee Meeting	Presented a detailed overview of our methodology in relation to each contributor at the AUG Sub-Committee meeting of 11 th November and are currently actioning feedback provided by attendees.
Weighting Factors	An initial view of these has been generated.
Queries Received	
None at present	N/A

Relevant UNC Modifications	
UNC modifications potentially impacting UIG or associated processes that have not yet been implemented will not be taken account of in the draft AUG Statement. Those that have been implemented will be factored into our assessment of UIG contained within that document, where appropriate.	
0672 ("Target, Measure and Report Product Class 4 Read Performance")	Implemented, AUGE will monitor effect on read provision and any subsequent impact on UIG.
0674 ("Performance Assurance Techniques and Controls")	Ongoing, AUGE to monitor progression of modification.
0691S ("CDSP to convert Class 2,3 or 4 Supply Meter Points to Class 1 when G1.6.15 criteria are met")	Implemented, AUGE will monitor effect on read provision and any subsequent impact on UIG.
0692S ("Automatic updates to Meter Read Frequency")	Implemented, AUGE will monitor effect on read provision and any subsequent impact on UIG.

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0693R (<i>"Treatment of kWh error arising from statutory volume-energy conversion"</i>)	Ongoing, AUGE to monitor progression of modification.
0700 (<i>"Enabling large scale utilisation of Class 3"</i>)	Implemented, AUGE will monitor effect on read provision and any subsequent impact on UIG.
0704S (<i>"Transporter Theft of Gas Reporting"</i>)	Implemented, AUGE to review Transporter Theft of Gas Reporting output once this becomes available.
0710 (<i>"CDSP provision of Class 1 read service"</i>)	Implemented, AUGE will monitor effect on read provision and any subsequent impact on UIG.
0711 (<i>"Update of AUG Table to reflect new EUC bands"</i>)	Implemented, changes to be incorporated into the AUG Statement and Table for AUG Year 2021/22.
0719R (<i>"Calculation of Energy Value of Gas"</i>)	Ongoing, AUGE to monitor progression of modification.
0722 (<i>"Allow Users to submit Estimated Meter Reading during COVID-19"</i>)	Implemented, AUGE will monitor effect on read provision and any subsequent impact on UIG.
0723 (<i>"Use of the isolation flag to identify sites with abnormal load reduction during COVID-19 period"</i>)	Implemented, AUGE will monitor any subsequent impact on UIG.
0734 (<i>"Reporting Valid Confirmed Theft of Gas into Central Systems"</i>)	Ongoing, AUGE to monitor progression of modification.
0736 / 0746 (<i>"Clarificatory change to the AQ amendment process within TPD G2.3"</i>)	Ongoing, AUGE to monitor progression of modifications.

Industry Consultations

Ofgem Consultation – "The Retail Energy Code – Proposals for version 1.1"

Possibility that changes to the theft arrangements (TRAS, GTDIS) could affect detection levels during the 2021/22 Gas Year. As Ofgem's decision has not yet been published, this will not be taken account

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	of within the draft AUG Statement although it may impact future AUG Years.
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AUGE Requests for Data

Updated Prioritised data request	The current status of the files from the updated prioritised data request has been provided alongside this report.
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Meetings attended by AUGE

- ▶ Extraordinary AUG Sub-Committee meeting held 11th November to provide additional detail on contributor methodologies.

AUGE Activities Planned for Next Month

- ▶ Completion of the draft AUG Statement and provision to Xoserve (mid-December) and industry (late December following Xoserve review).
- ▶ Generation of final draft Weighting Factors Table for inclusion in the draft AUG Statement.
- ▶ Discussion of possible innovations under the Innovation Service with Xoserve.
- ▶ Continued stakeholder engagement.

INNOVATION SERVICE

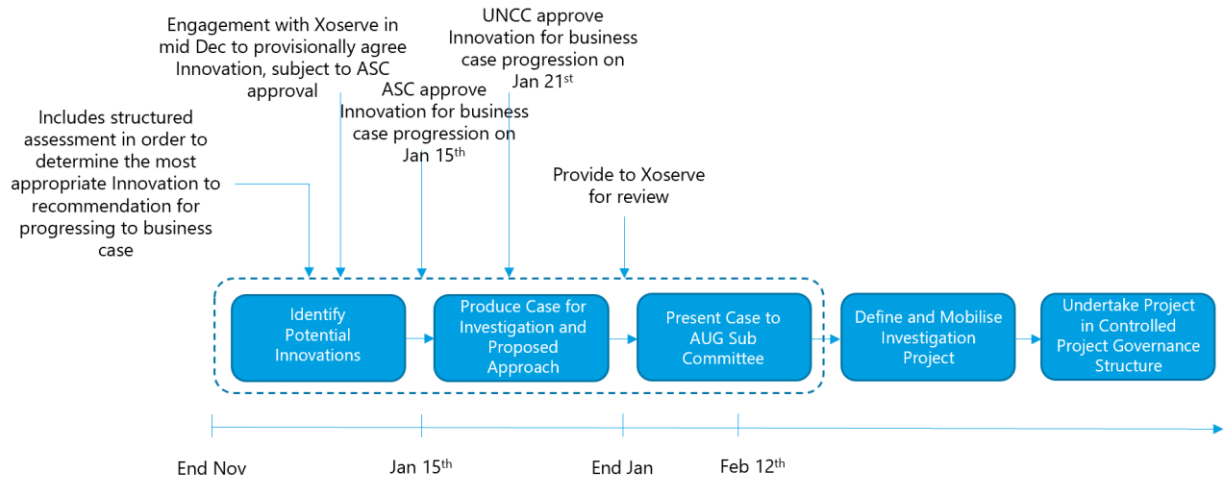
DELIVERABLE / KEY ACTIVITY	PROGRESS
Commencement of Innovation Service	<ul style="list-style-type: none"> ▶ Terms of Reference were approved at the AUG Sub-Committee meeting of 11th November. ▶ Identification and assessment of any potential innovations has commenced. This will be presented at the AUG Sub-Committee meeting in January.

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Innovation work will progress in accordance with the timeline shown below.



ADVISORY SERVICE

DELIVERABLE / KEY ACTIVITY	PROGRESS
Commencement of Advisory Service	<ul style="list-style-type: none"> Terms of Reference were approved at the AUG Sub-Committee meeting of 11th November.

Advisory Service will commence once the industry has identified a suitable area for support to be provided by the AUGE.