

AUGE Monthly Industry Report

Date: 1 October 2020



DOCUMENT CONTROL

Reporting Period: September 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:

- ▶ Continued with data analysis, methodology validation and model build for those contributors not undergoing detailed investigation in relation to AUG Year 2021/22;
- ▶ Continued data analysis for those contributors scheduled to undergo detailed investigation in relation to AUG Year 2021/22;
- ▶ Met with Utility Warehouse (8th September);
- ▶ Provided the Early Engagement Presentation to the AUG Sub-Committee (11th September);
- ▶ Reviewed the draft Terms of Reference for the provision of Innovation and Advisory services with Xoserve and industry at the AUG Sub-Committee meeting (11th September) and are working with Xoserve to update these on the basis of the feedback received at that meeting; and
- ▶ Submitted the updated Prioritised Data Request to Xoserve (18th September).

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	This is being monitored, conclusions will be made once the necessary industry information in relation to impacts upon AQ and capacity booking becomes available. This information will need to be over a sufficient time period for us to draw inferences from this and to enable us to quantify the impact upon UIG as well as whether that impact will be likely to continue into the 2021/22 Gas Year.

RISK DESCRIPTION	H/M/L	MITIGATION
None at present		N/A

CORE SERVICE

Detailed Investigation Summary

ID	CONTRIBUTOR NAME	STATUS
010	Theft of Gas	Analysis of available initial data complete. Awaiting TRAS data file with additional fields - due October 2020. Some further data inputs identified.
040	Consumption Meter Errors	Analysis of initial data complete. Awaiting further data on annual in-service testing for domestic meters from BEIS - due October 2020.
050	Meter Errors at LDZ input	Analysis of initial data complete. Calculation methodology definition completed. No further sources of data identified as yet.
090	No Meter Read at Line in the Sand	Initial data for investigation provided. Further data identified and data request submitted. Further sources of data under investigation.

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Other Contributors Not Planned for Detailed Investigation

For all other previously assessed contributors, we have validated the initial methodologies used to calculate these and updated where improvements were identified. Individual models have been built to calculate the relevant UIG and we are awaiting the necessary external data in order to commence the related calculations.

Methodology Update Summary

ID	CONTRIBUTOR NAME	METHODOLOGY UPDATES
020	Unregistered Sites	Only UIG at line in the sand is calculated. Due to limited population, the calculation is carried out at a national level rather than at LDZ level. Forecast of UIG is based on historical data trends and proportions of valid Unregistered sites.
025	Shipperless Sites	Only UIG at line in the sand is calculated. Due to limited population, the calculation is carried out at a national level rather than at LDZ level. Forecast of UIG is based on historical data trends and proportions of valid Shipperless sites.
030	IGT Unknown Projects	No UIG associated with the contributor due to process changes implemented as part of Project Nexus and IGT sites being included in the Shipperless/ Unregistered reporting.
060	IGT Shrinkage	Length of main data has been requested from IGTs directly rather than estimating these on the basis of GBNA network models.
070	Atmospheric Pressure Assumption	Energy error calculated for pressure based on the average pressure reading from 2012-2018. UIG associated with the average altitude of the relevant LDZ will also be calculated for any site that has a correction factor of 1.02264.

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080	Average Temperature Assumption	Determination of temperature based on the domestic/non-domestic EUC bands.
100	Large Sites with Incorrect Correction Factors	UIG associated with sites with a correction factor lower than that allowed in the thermal regulations will be calculated. The error associated with altitude is now contained within the pressure model, the error associated with inlet pressure will continue to be included within this assessment.

Other Contributors

ID	CONTRIBUTOR NAME	STATUS
110	CV Shrinkage	No investigation planned due to minimal impact on UIG.
120	Meter Exchanges	No investigation planned due to minimal impact on UIG.

DELIVERABLE / KEY ACTIVITY	PROGRESS
AUG Statement Development	
Model build	Ongoing.
Data analysis	Data received from previous AUGE, analysis is ongoing.
Queries Received	
None at present	N/A
Relevant UNC Modifications	
0672 ("Target, Measure and Report Product Class 4 Read Performance")	Implemented, AUGE will monitor effect on read provision and any subsequent impact on UIG.

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0674 (<i>"Performance Assurance Techniques and Controls"</i>)	Ongoing, AUGE to monitor progression of modification.
0691S (<i>"CDSP to convert Class 2,3 or 4 Supply Meter Points to Class 1 when G1.6.15 criteria are met"</i>)	Ongoing, AUGE to monitor progression of modification.
0692S (<i>"Automatic updates to Meter Read Frequency"</i>)	Ongoing, AUGE to monitor progression of modification.
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>)	Ongoing, AUGE to monitor progression of modification.
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.

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0736 / 0736A ("Clarificatory change to the AQ amendment process within TPD G2.3")

Ongoing, AUGE to monitor progression of modifications.

AUGE Requests for Data

Updated Prioritised Data Request

An updated Prioritised Data Request was submitted to Xoserve on 18th September.

Meetings attended by AUGE

- ▶ Utility Warehouse (8th September) – UW's view on theft levels from smart / AMR meters, AUGE's approach to undetected theft and approach to determining PPM factors.
- ▶ AUG Sub-Committee (11th September) – Early Engagement Presentation to industry, discussion of the draft Terms of Reference for AUG Sub-Committee approval of proposed work in relation to the Innovation and Advisory services.

AUGE ACTIVITIES PLANNED FOR NEXT MONTH

- ▶ Further development of model;
- ▶ Further analysis of data provided by previous AUGE;
- ▶ Further analysis of data provided by Xoserve;
- ▶ Acquisition of data from other sources;
- ▶ Calculation of UIG for all contributors, both those scheduled for detailed investigation and those that are not;
- ▶ Complete revision of draft Terms of Reference for the provision of Innovation and Advisory services with Xoserve on the basis of the feedback received at the 11th September meeting; and
- ▶ Continued stakeholder engagement.

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INNOVATION SERVICE

DELIVERABLE / KEY ACTIVITY	PROGRESS
AUGE to draft Terms of Reference for AUG Sub-Committee oversight and approval of work proposed under the Innovation Service	Draft Terms of Reference discussed with industry at AUG Sub-Committee meeting (11 th September), under review following provision of industry feedback.

ADVISORY SERVICE

DELIVERABLE / KEY ACTIVITY	PROGRESS
AUGE to draft Terms of Reference for AUG Sub-Committee oversight and approval of work proposed under the Advisory Service	Draft Terms of Reference discussed with industry at AUG Sub-Committee meeting (11 th September), under review following provision of industry feedback.

INDICATION OF MATERIAL IMPACTS RESULTING FROM METHODOLOGY CHANGES

- ▶ It is currently too early for us to be able to provide any meaningful information in relation to possible material impacts. However, this section has been added to the Monthly Industry Report following the request made at the AUG Sub-Committee meeting of 11th September and will be updated in subsequent Monthly Industry Reports.