Introduction

- Xoserve regularly receive requests from Shippers to provide different data extracts to support analysis of the UIG levels

- These slides summarise:
  - what data is available
  - where to find it

Glossary of Terms

- Non-Daily Metered (NDM) – of the c.25m Gas Supply Meter Points the majority are Non-Daily Metered

- Daily Metered (DM) – Supply Meter Points that are read Daily - usually very high consumption

- Annual Quantity (AQ) – An estimate of the amount of gas (in kWh) that a Supply Meter Point will use in the coming year under seasonal normal weather conditions

- End User Category (EUC) – Categorise gas consumers by their different usage patterns. Each NDM supply point belongs to an EUC.
  - For Lower consumption Bands (0 to 293 MWh pa) this includes separate EUCs for Domestic and Non-Domestic and Pre-Payment and Non-Prepayment meters
  - Higher Consumption Bands (>293 MWh pa) are grouped into 4 separate EUCs based on their Winter/Annual Consumption Ratio (WAR) which provides an indication of the consumption seasonality

- Local Distribution Zone (LDZ) - Each LDZ represents a geographical area of the country. Each LDZ is 'owned' by a specific gas transporter and determine the area for which they distribute gas.
  Here is a helpful LDZ Map.

Information on Daily UIG Allocation Issues

Live Daily UIG Allocation Issues

Can be found on the Xoserve website

https://www.xoserve.com/

If any issues occur, they will be listed on the live updates banner – which can then be clicked for more details

Live updates 1

Historical Daily UIG Allocation Issues

For more information on the drivers of Allocation Issues, we maintain a tracker spreadsheet.

"**UIG Allocation Issues Tracker**" - lists the LDZ, dates, impact and explanation of cause of Allocation issues and if it was corrected within D+5
Tracker is updated once the investigation is complete

The tracker is downloadable from the Xoserve website

UIG Allocation Issues Tracker

Information Available on Daily Allocations

UK Link Secure Document Area

The Files shown on the right are available in the UK link Secure Document area folder shown below

[UK Link Secured Documentation](#)

Folder 18. NDM Profiling and Capacity Estimation Algorithms \ UIG

LDZ UIG Values

- Shows the Daily UIG Quantity (in kWh) and Percentages, for both Closed and Open

- File is published weekly

UIG Additional National Data

- Gives a breakdown of daily energy allocation by LDZ, Class and EUC
- Includes Class 3 and 4 Daily aggregate AQs by LDZ and EUC

- Files are published Monthly and Weekly

Information on Reconciliations

Simulation of Individual Reconciliations, back to Original Supply Months

Report can be downloaded from the UIG page of the Xoserve website

Unidentified Gas Homepage

Scroll down to the "Reconciliation by Month Report"

File is a simulation based on the NDM Algorithm for LDZ, EUC and Class by Billing month - published monthly

Percentage Allocation Reconciled to Date

- Chart can be found on the UIG page of the Xoserve website

  Percentage of Allocation Reconciled Chart

- Shows an estimate of the percentage of original Allocation reconciled to date – Updated monthly
- The underlying data is available to download from the same page

Percentage of Allocation Reconciled

- Spreadsheet shows the Percentage of Original Allocation reconciled by supply Month and Billing Month
- File is published periodically in the UK Link Secure Document Area

Information on Annual Quantities (AQs)

How AQs impact UIG

AQs are used in the calculation of NDM Energy, which is a key item in the calculation of UIG.

UIG = Total LDZ Energy – DM Energy – NDM Energy – Shrinkage

The formula for calculating NDM energy relies on up to date AQs. This assists in more accurate allocation of energy for the NDM sector, which in turn reduces the levels of reconciliation that will flow once meter readings are received.

Monthly AQ Trends

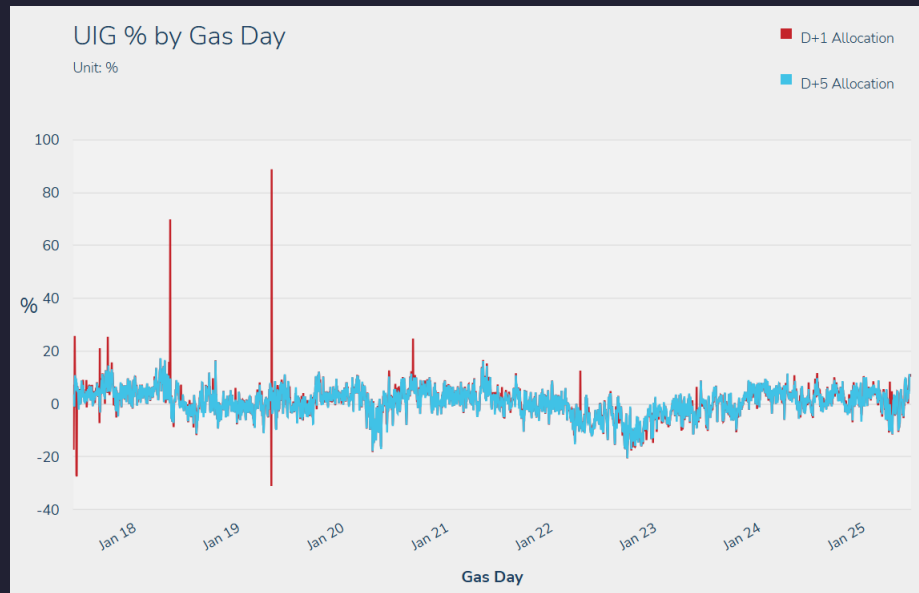More information on AQ Trends can be found in the following file in the UK Link Secure Document Area

"Monthly AQ Trends YYYYMM" – File contains average AQ by month for Key EUCs and the percentage change month-on-month
File is published monthly

UK Link Secured Documentation
UserDocumentMgmt (sharepoint.com)
Folder 18. NDM Profiling and Capacity Estimation Algorithms \ UIG \ AverageAQ

Online UIG Graphical Representations
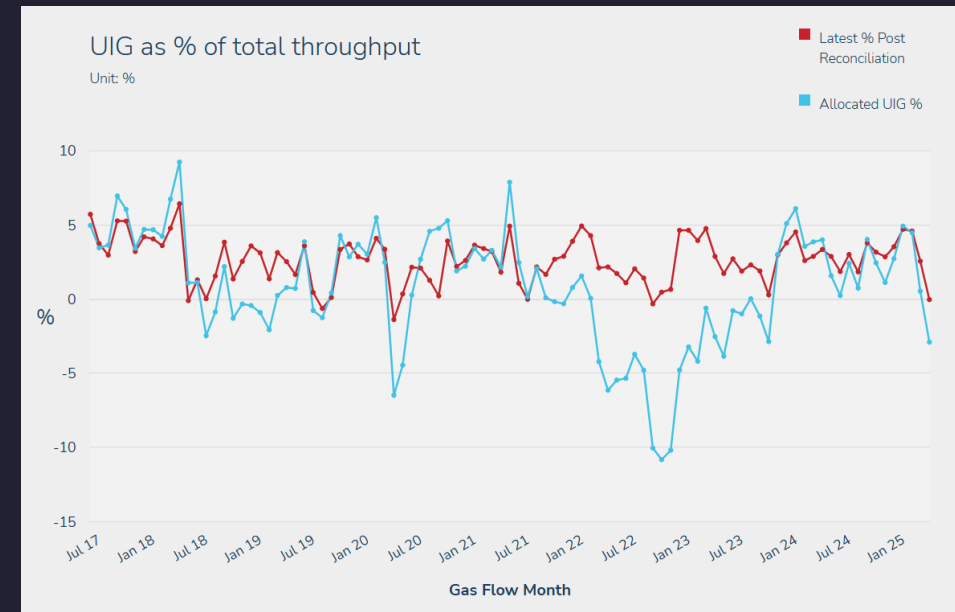
Daily Percentage UIG D+1 and D+5

Updated Weekly

[Daily % UIG D+1 to D+5](#)

Simulated UIG as Percentage of total Throughput Post-Reconciliation to Date

Updated Monthly

[UIG as % of Total Throughput](#)

March 2024

XOSERVE

Any questions?

Please raise a new support request to contact the team