



# Application of UIG Weighting Factors

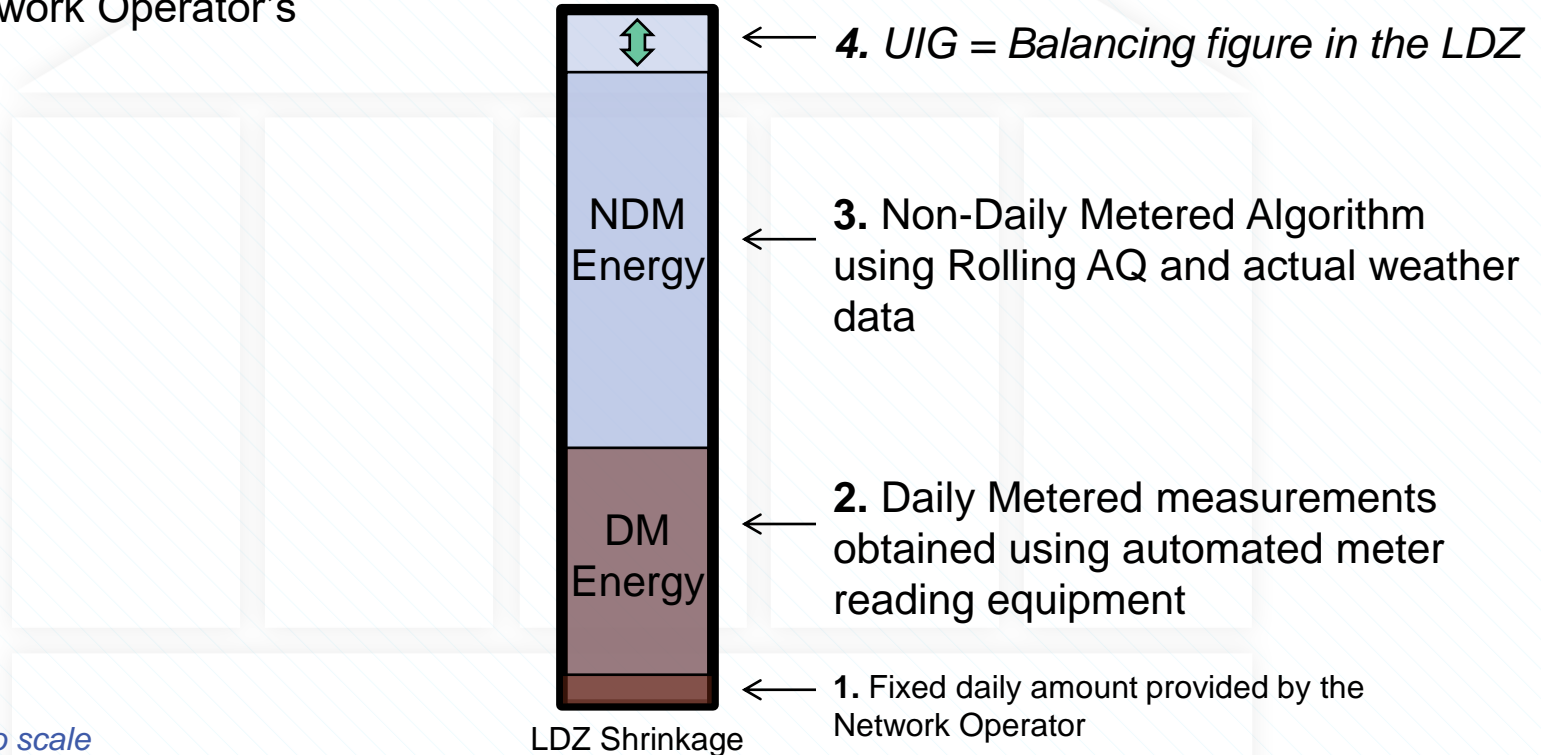
Presented at UNC Modification 0831  
Workgroup  
November 2022

## Key Principles of Daily Energy Allocation since Project Nexus <sup>2</sup>

- Key principles:
  - Allocation takes place on an LDZ by LDZ basis
  - All energy is shared out for a day – no gas is left “unallocated”
  - A “Gas Day” runs for 24 hours starting at 5am

# Calculation of Unidentified Gas

Total gas measured into the LDZ via the Network Operator's equipment → Total LDZ



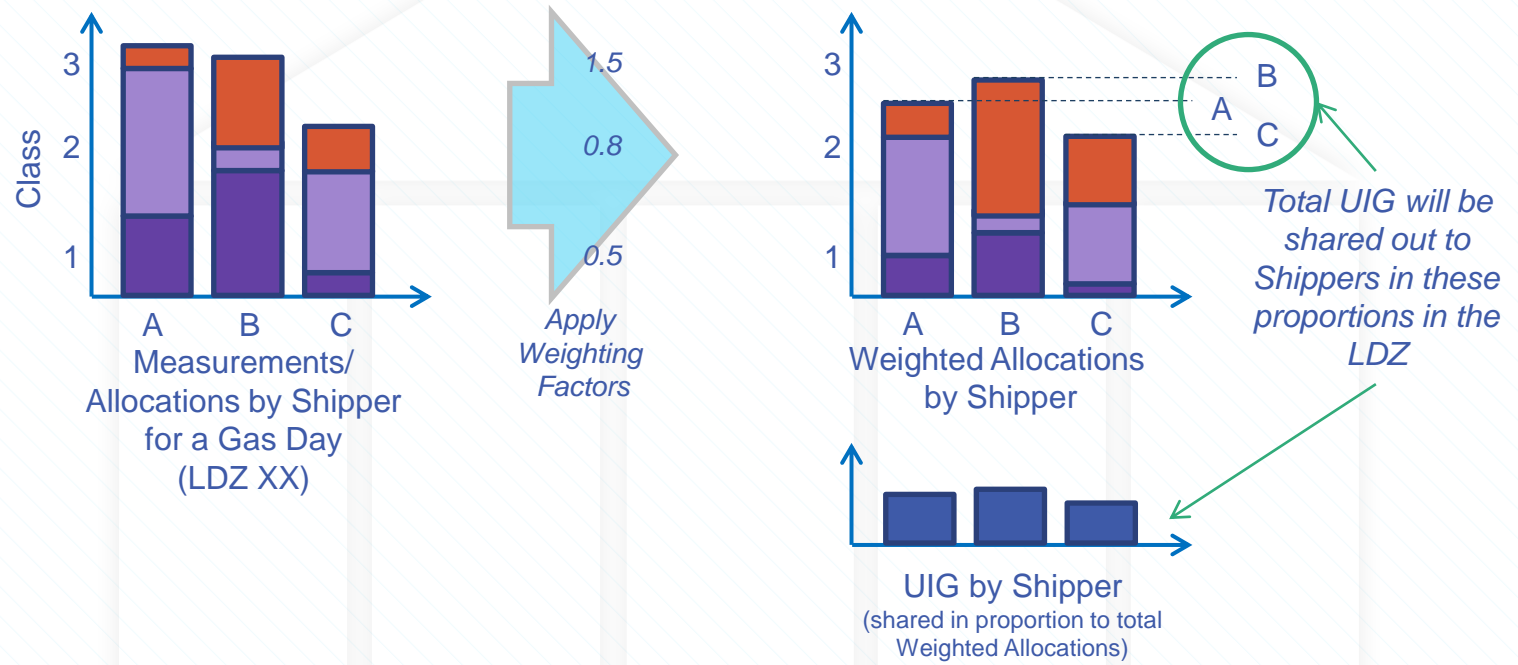
*Caution - not to scale*

# UIG Weighting Factors

- Current UIG weighting factors aim to target more or less energy to different Classes of meter points and or EUCs, based on an assessment of their contribution to UIG
- Daily throughput (measurements/estimates) is multiplied by the relevant Weighting Factor to give Weighted Throughput – UIG is shared out based on each Shipper's share of total LDZ Weighted Throughput
- The AUGE determines what the weighting factors should be
- The AUGE does not set the daily UIG level or calculate the charges

Worked Example

# Example of Applying Weighting Factors

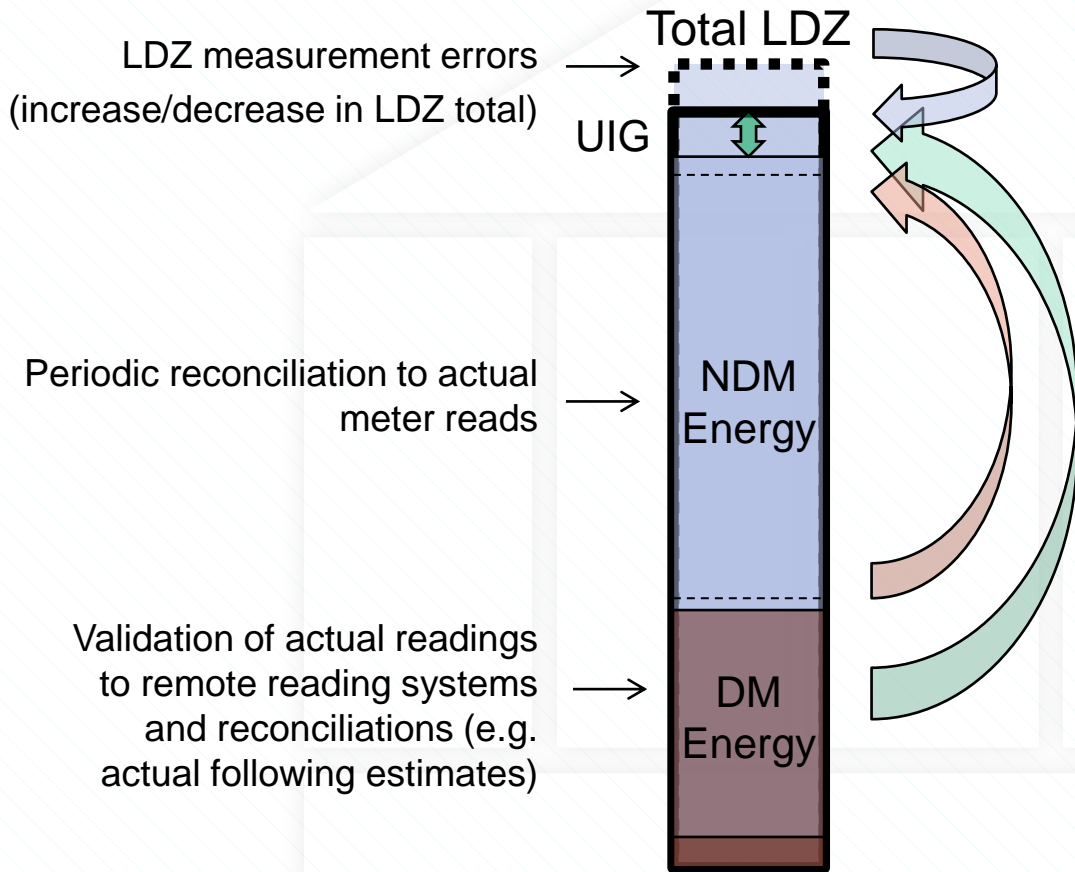


Notes:

- Weighting factors are multipliers and do not need to add up to any fixed value
- Above diagrams are for illustration only and not accurate or to scale

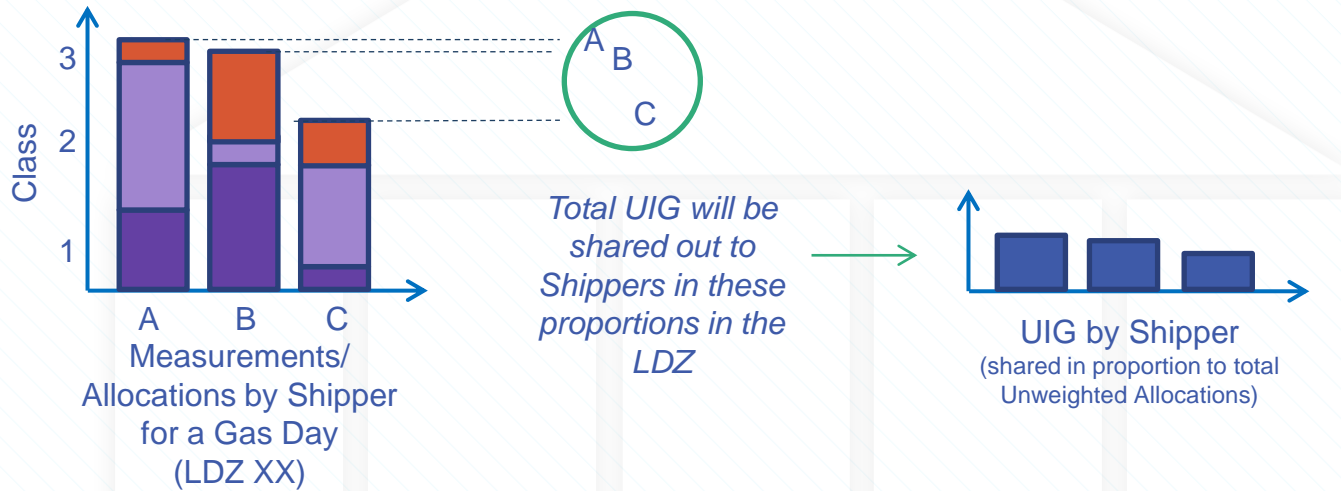
# Subsequent Refinement – Reconciliation

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- Daily energy measurements and estimates are subject to subsequent refinement – referred to as Reconciliation
- The equal and opposite of each site level (“meter point”) reconciliation is an increase/decrease in UIG
- UIG reconciliation is also shared out using the Weighting Factors – always using a 12-month “pot” *except for Large LDZ measurement errors and Annual Shrinkage adjustment*

# Sharing UIG without Weighting Factors



Notes:

- Where UIG for the day is x% of throughput every site attracts the same x% of UIG
- Removing the UIG Weighting Factors will NOT change the daily levels of UIG
- Above diagrams are for illustration only and not accurate or to scale

# Useful Links

- Xoserve UIG page with links to key material and graphs:
  - <https://www.xoserve.com/help-centre/demand-attribution/unidentified-gas-uig/>
- Joint Office page for development of current (2022/23) AUG Statement and Weighting Factors:
  - <https://www.gasgovernance.co.uk/AUGStatement2223>



The logo for xserve is displayed in a light blue, sans-serif font. The 'x' is stylized with a dark blue diamond shape in the center. The word 'xserve' is centered within a light gray, stylized house-like frame that has a triangular roof and a rectangular body with vertical lines suggesting window panes. The background of the slide features a light blue diagonal line pattern.

xserve