



UIG Task Force Recommendations

Investigation Items 3.2.2

Inaccurate / Out of date AQs - Sample sites with different consumption patterns or levels compared with UK Link

What is the finding?

- We have identified sites where the total consumption in UK Link for a read period is different from the consumption recorded for the site in the NDM sample data for an identical period
- We have compared metered consumption as recorded on UK Link against the energy from the NDM sample for identical periods. We have this data available for around 6,000 MPRNs over a 4 year period. The Sample Dataset records around 3% more throughput in total than is recorded on UK Link, although the larger differences are biased toward larger supply points so this will not scale to the whole market
- This mismatch suggests that the level of post reconciliation energy recorded on UK Link may be understated (if we assume that the Daily sample data is correct)
- Responses to UNC Review 0624 suggest a scale of asset errors requiring corrective updates is between 1% and 26% of the market
- The differences could be caused by:
 - Errors in the NDM Sample Data
 - Metering errors
 - Erroneous Asset Data on UK Link, (e.g. incorrect read units, metric / imperial indicators, conversion factors etc.) used to convert recorded volume to metered quantity would result in incorrect energy values on UK Link
 - Incorrect Meter Reads Loaded to UK Link (either incorrect reading or a read date different to when the actual read was taken)

How does it contribute to UIG?

- Where the consumption on UK Link does not reflect actual physical gas usage, then the AQ will be lower than appropriate and will result in understated allocation, which will contribute to UIG
- Where the energy is understated on UK Link following a meter read, this will result in permeant UIG
- The analysis suggests that this could account for up to 0.25% of Unidentified Gas

Options to address the finding (1 of 3)

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No.	Option	Likelihood of success	Implementation lead times
1.	No action (“Do Nothing” option) or Park	Very low	N/A
2.	CDSP Analyse Read Rejections for asset mismatches. Highlight mismatched asset details to Shippers to review and either resubmit the read with the correct assets or the update the asset details on UK Link as appropriate.	Low – Medium. Shippers receive read rejection data at the moment	Short
3.	CDSP NDM Sample validation – arrange site visits for a representative sample of the Xoserve managed sample sites to validate the daily read equipment is functioning normally and consistent with the physical asset setup on site and consistent with UK Link	Low. DM Sample equipment is already actively monitored and managed by Xoserve. Suspect sites are investigated as a BAU process	Medium
4.	CDSP to Review NDM Sample Site selection and validation process. This is underway following the implementation of UNC Modification 0645S (Mandating the provision of NDM Sample Data)	Low – the mismatch with Sample Data has highlighted this issue but the sample data can’t be used in operational processes. The NDM sample is under investigation under line item 13.3	Medium



Options to address the finding (2 of 3)

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No.	Option	Likelihood of success	Implementation lead times
5.	Xoserve defect resolution of issues impacting consumption calculations (BAU activity captured here for completeness)	Medium	Medium
6.	 CDSP Reconcile a representative sample of UK Link Asset Data (not the NDM Sample Data). Investigate mismatched asset details and update the appropriate user's records where necessary. This will give an indication of the potential level of asset data quality issues on UK Link. The sample data could be gathered from sources including, but not limited to: a) Shipper Portfolios b) Meter Asset Managers c) DCC Service Flags d) Directly with end users via postal / online form e) Via MRA site visit process sponsored by Xoserve	Low-Medium. Would potentially require UNC modification, sponsorship from shippers and / or the regulator and / or commercial arrangement with MAMs / the DCC / MRAs and or End User support	Long



Options to address the finding (3 of 3)

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No.	Option	Likelihood of success	Implementation lead times
7.	Asset Data Cleanse – CDSP to Reconcile entire UK Link Asset Data portfolio. Investigate mismatched asset details and update the appropriate user's records where necessary. This is part of UNC Mod 0651 - Changes to the Retrospective Data Update provisions	Medium-High. Would need approval of UNC modification and possibly commercial arrangement with the MAMs / DCC / Other data providers. Mod 0651 does not have industry wide support	Long
8.	Require validation of Meter Asset Details whenever an actual read taken by a Meter Read Agent. Mismatches flagged to the shipper for investigation and update where appropriate	Medium. Would require a UNC Modification to create the obligation. Risk that MRA records incorrect asset details creating false positives	Long
9.	 CDSP to obtain smart meter readings and asset data direct from the DCC rather than the shipper. Would also potentially need a data cleanse exercise to align asset data between the DCC and UK Link to minimise asset based read rejections	High. Smart Meter population is growing and the benefits increase with the install base. Would require multiple UNC Modifications, Changes to the Smart Energy Code and system / file flow changes	Very Long

The logo for 'xserve' is centered within a light gray window frame. The 'x' is a dark blue, stylized character with a diamond shape in the center. The 'serve' part is in a lighter blue, lowercase sans-serif font. The background features a faint, repeating pattern of diagonal lines and a light gray house-like outline.

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