UIG Task Force

3.2.8: Inaccurate / Out of date AQs - Sample sites consuming energy with a UK Link AQ of 1.

Summary of Findings

		Findings Status	**Closed**
Area & Ref #	3.2.8 Inaccurate / Out of date AQs - Sample sites consuming energy with a UK Link AQ of 1	**UIG Impact Peak Volatility %**	**N/A**
UIG Hypothesis	The difference between the live AQ and a more accurate figure would contribute to UIG. This is linked with the Analysis under line 3.2.3.	**UIG Impact Annual Average %**	**0.003%**
		Confidence in Percentages	**H**
Data Tree References	AQs		

Findings	Approach to analysis
A very small number of sites in the NDM sample with an AQ of 1 have advancing reads on UK Link. The sites with an AQ of 1 were flagged as outliers in Sprint 3 findings and so their contribution to UIG has already been captured. Only 3 of the sites still have an AQ of 1 on UK Link, but those sites have larger than average AQs. Investigations suggest these sites are consuming gas and so we will raise them with their respective shippers via the Customer Advocates.	Extract a meter read history from UK link and compare the metered energy with the Demand Estimation Sample data consumption for the same period. Exclude the outliers identified from previous analysis from this work.
A very small number of sites in the NDM sample that were not flagged as outliers and which have had an AQ of 1 have advancing consumption data in the Sample for the same period. The majority of these sites now have an increased AQ on UK Link which is more representative of their NDM Sample consumption. Only one site still has an AQ of 1; the shipper has nominated it to class 3 and is submitting regular but non-incrementing reads. We will raise this with the shipper via their Customer Advocate.	
A common theme is that the average AQ, when corrected on UK Link, is over 600,000 kWh per site, suggesting that the risk of sites which may be consuming energy but have AQs of 1 is grater in larger EUCs than in EUC Band 1. The impact of the issue appears to be negligible however; with only 15m kWh AQ in total these sites account for only 0.003% of throughput.	