UIG Task Force Recommendations

Investigation Items 3.2.8

Inaccurate / Out of date AQs - Sample sites consuming energy with a UK Link AQ of 1

Background

- ## What is the finding?
  - From the NDM Sample, we have identified sites with advancing consumption that have (or had) an AQ of 1 on UK Link.
  - Where the AQ has now increased on UK Link, the level of AQ is, in the majority of cases, greater than the level the AQ could increase to under normal processes.
  - This suggests there may be process blockers to increasing AQ to levels reflective of actual consumption

- ## How does it contribute to UIG?
  - Sites with consumption that is not reflected in their AQ will not have appropriate energy allocated and will contribute to baseline UIG variance.
  - If a read does not load then the energy will not reconcile potentially resulting in permanent UIG.

Options to Address the Finding (1)

No.	Option	Likelihood of Success	Implementation Lead Times
1.	No action ("Do Nothing" option)	Very low	N/A
2.	Engagement with Shippers around monitoring read rejections and how Xoserve can support through industry processes.	Medium	Medium to Long
3.	XRN4690 will prevent the AQ defaulting to 1 where there is a negative consumption value held on UK Link. An additional proposal is to run impacted MPRNs through the AQ correction tool once the code fix is deployed rather than waiting for rolling AQ to increase the AQ back to a suitable level.	Medium. Would likely require user approval to correct their AQs.	Medium
4.	There is an issue where a shipper cannot submit a Reason 4 AQ correction (AQ update due to read tolerance failure) because there has not recently been an AQ calculation, but the shipper cannot submit a read because it is rejecting for AQ tolerance reasons. This would leave the shipper in a loop unable to correct the AQ. There is a pending change (currently XRN4803) to allow the AQ to be corrected in this scenario	Medium (This change is already underway and so will not be part of the recommendations but is captured here for completeness)	TBC
5.	Enhance PAC reporting around AQ corrections to include more detail and highlight areas of potential concern	Low to Medium	Medium

Options to Address the Finding (2)

No.	Option	Likelihood of Success	Implementation Lead Times
6.	We understand some shippers are setting AQs to <10 using the AQ correction process where the site is vacant. We could raise a change to create a Vacancy flag on UK Link which would stop the AQ contributing to allocation, resulting in a benefit to the shipper without putting the AQ at risk. It could operate similarly to the Isolation Flag only without the downstream safety visit by the Transporter. The flag would be temporary and revert back to "occupied" after [3] months unless re-set by the shipper. This may require a UNC Modification.	Medium	Medium - Long
7.	We could raise a change so that where an AQ is corrected by the shipper and a read received within [6] months with a metered consumption that is out of line with the corrected AQ, the AQ correction will be overridden by the usual AQ calculation process and the shipper notified. This would require a UNC Modification.	Medium	Long
8.	We could raise a change to shorten the required read period for AQ calculation to [3] months where the AQ is <[100] until a sufficient read history is available to calculate normally. This would require a UNC Modification.	Medium	Long
9.	Create new "Vacant Site" AQ correction reason code and logic to allow an AQ correction where the AQ is 1 without the need to have a recently accepted read on UK Link.	Medium	Long

There are many contributing factors to low AQs and one measure is unlikely to resolve the issue fully. The Likelihood of Success is therefore capped at Medium for this issue.

Xoserve Recommendations

- Xoserve recommendation – combination of activities
  - 2. Industry Engagement
    Short-term *via Xoserve Account Managers and internal reporting.*
  - 3. Data-fix AQs of 1 for known issues. E.g. run AQs of 1 that have been caused by negative consumption on UK Link through the AQ Correction Tool.
    Medium-term*. Would potentially require user permission.*
  - *5. Enhance PAC Reporting.*
    Medium-term *via agreed change to PAC Report Register (UNCC governed) and Change Proposal for extra reports*
  - 6 and/or 7. Additional Logic and System enhancements to improve the reactivity of AQs.
    Long-term *via system change. Would potentially require UNC Modification(s) and Change Proposal sponsored by Industry Party.*