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Market Trials Data Cut: Change of Gas Year Impacts

5th June 2015

Background

- The initial implementation date for functional testing (Level 3 & 4) for Market Trials was 1st June and ran through to 27th August 2015 meaning that the MT data cut and execution phase were within the **same gas year**
- Following the recommendation by the Project Nexus Industry Steering Group (PNISG) to defer the dates of both Market Trials and the Nexus Go Live; with a preference for Market Trials to start in October 2015 the MT execution phase will now take place within **a new gas year**
- Within the live system new energy related data items are loaded in preparation for the new gas year (as part of the annual AQ process)
- For the MT environment the precise energy related data items loaded are determined by the timing of the MT data cut
- The following slide outlines the issues caused if the MT data cut includes values associated with one gas year and the execution phase is undertaken in the next gas year

Impact on core processes

- The table below summarises the impacts on **core processes** of utilising previous gas year's values. Each impacted data item is considered

UK Link Data Item Impacted	Summary of Impact	RAG
End User Categories (EUC)	14/15 EUC cannot be directly carried forward to a new gas year and therefore there will be no valid EUCs in the MT environment <u>Missing EUCs will mean key processes will be impacted e.g. capacity, commodity and reconciliation charges cannot be calculated, nomination offers will be affected.</u>	
Annual Quantity (AQ)	14/15 AQs will carry forward but it will not be possible to calculate a new AQ in the absence of EUCs <u>Inability to re-calculate AQs will prevent rolling AQ from functioning</u>	
NDM SOQ / DM SOQ	14/15 SOQs will carry forward but will remain static as the value is derived from the AQ value	

Mitigation analysis

- Xoserve is undertaking analysis to assess how the MT data issues resulting from the change in gas year could be mitigated
- Options for amending the system clock have been explored but discounted as the MT landscape utilises parts of the production estate (IX) and as such this change cannot be made
- Xoserve is also exploring whether data manipulations can be utilised in order to update EUC values
 - This approach would require **any manipulation to be replicated by all Users (across each of their systems)** and values must be in synch in advance of the MT phase
 - This additional effort would need to be accommodated in Xoserve's and Users' delivery plans

Test Result Validation

- Utilising historic values also presents challenges for validating test results
- Any misunderstanding amongst industry testers regarding the data values employed within MT will impact their ability to validate results and likely lead to increased data related queries and (erroneous) defects
- This could elongate the phase unnecessarily and reduce confidence in the solution
- Comparing test results from Market Trials with outputs from production will also not be possible if key energy related data items are not aligned

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Recommended mitigation

- During industry discussions following the PNISG deferral recommendation a clear industry preference for a revised MT data cut has been expressed
- This would allow for inclusion of data quality issues identified since the original cut to be applied thus improving the overall quality of the MT data (and in particular the iGT portion)
- **Xoserve recommends that a revised data cut is completed on a date that enables the inclusion of key data values associated with the 15/16 gas year**
- The precise timing of this and its impact on the start of MT is under analysis
- This approach will mitigate the core process impacts and test validation challenges detailed in this deck
- The approach also most closely aligns with the principle of using 'production like' data within MT

Next Steps

- Xoserve will discuss the MT data cut and new gas year issue in more detail with the Market Trials Group on Tuesday 9th June
- Market Trials participants to consider the implications of this issue on their own testing plans
- Feedback from discussions to the Project Nexus Industry Steering Group on 15th June