Rough Order Magnitude (ROM) Request

Change Reference Number: (5043)

Please send completed form to: mailto:box.xoserve.portfoliooffice@xoserve.com

Section A: Change Details	
Change Title	Target, Measure & Product Class 4 Read Performance
Will the Change impact the UNC (YES / NO)	Yes
MOD Reference (if raised)	Modification 0672 available at: http://www.gasgovernance.co.uk/0672 Awaiting Amended Modification Version 6.0 from Stephanie Clements Scottish Power
Contact Details of Person Requesting the ROM	
Contact Name	Steph Clements, Scottish Power
Contact Email	Stephanie.clements@scottishpower.com
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Section B: Xoserve Acknowledgement and Business Analyst Contact Details	
ROM Received Date	1st November 2019
ROM Response date	14th November 2019
Business Analyst Name	Rebecca Roden
Business Analyst Email	Rebecca.Roden@xoserve.com
Business Analyst Phone	

Rough Order Magnitude (ROM) Response

Type of ROM Evaluation
ROM for Code-Modification **The following is Xoserve's understanding of the latest version of the solution within UNC modification 0672 (rather than the content in the ROM request):** **This proposal seeks to amend UNC TPD Sections M.** A new report will be included in the Performance Assurance Report Register (PARR) document. This reporting will be shared with PAC on a monthly basis at an un-anonymised level. For the avoidance of doubt, a Change Proposal will be raised with the CDSP to ensure that MPRN level data would be made available to individual shippers. This target would provide shippers with specific targets to submit Meter Readings based upon the AQ or the Supply Meter Point and the equipment present. **Business Rules** 1. It is proposed that there is a new read performance obligation added to UNC TPD Section M to obligate Shippers to submit Meter Readings for Class 4 Supply Meters meeting the criteria of the following reports. a) **Percentage monthly read AQ for sites >293,000 and no SMART/AMR -** Class 4 sites with an AQ >293,000 kWh and where neither an **Operational Smart Meter** is fitted (including where functionality is provided an **Advanced Meter** is recorded as being present at the Supply Meter Point will need to submit a Meter Reading within a 1 month window for 90% of their Shipper **AQ Portfolio** meeting the criteria specified in this paragraph. . b) **Percentage monthly read AQ for sites <293,000 with SMART/AMR -** Class 4 sites with an AQ <293,000 kWh and where an Operational Smart Meter is fitted or an Advanced Meter is flagged as being present at the Supply Meter Point will need to submit a Meter Reading within a 1month window for 90% of their Shipper **AQ Portfolio** meeting the criteria specified in this paragraph. c) **Percentage annually read AQ for sites <293,000 with no SMART/AMR -** Class 4 sites with an AQ <293,000kWh and where neither an Operational Smart Meter is fitted or an Advanced Meter is flagged as being present at the Supply Meter Point will need to submit a Meter Reading within a 12 month window for 90% of their Shipper **AQ Portfolio** meeting the criteria specified in this paragraph. 2. **Operational Smart Meter** means where a Meter Reading is capable of being able to be retrieved remotely from the asset and made available to the Registered Supplier. For the avoidance of doubt the CDSP shall determine the Smart Meter as being Operational where: a) A Meter is installed with a NS or S1 Meter Mechanism where the Installing Supplier is the current Registered Supplier; b) A Meter is installed with a Meter Mechanism of S2; or c) The DCC Flag recorded 3. The formula to calculate performance for each report is:

Total AQ for eligible Supply Meter Points where a Meter Reading has been obtained that meets the report criteria * 100 = Performance %

Total AQ for eligible Supply Meter Points which meet the report criteria

4. A UNC Related Document will be created named 'Percentage Overall AQ Portfolio Read in Product Class 4' which PAC will review and amend on an annual basis.

5. Read submission would be measured by the receipt of a valid read, accepted into CDSP systems. The relevant percentage would be calculated on a monthly basis for performance in the previous calendar month. The AQ's in the portfolio would be calculated as of the 1st day of the month.

6. Any Class 4 Supply Meter is subject to this regime except for:
    a) Following a Change of Shipper event after the first day of the month, performance measurement would begin from the first day of the following month after the Supply Point was registered allowing complete months to be measured.
    b) Where a Smart or Advanced Meter is installed which replaces an asset which is not an Operational Smart Meter or Advanced Meter after the first day of the month, performance regime would start from the first day of the following month after the asset was installed allowing complete months to be measured.

7. For the avoidance of doubt, when a Supply Meter Point is reclassified to become a Class 4 Supply Meter, or a Meter is no longer an Operational Smart Meter or Advanced Meter – for example as a result of the Installing Supplier no longer being the Registered User – the revised applicable performance regime would start with immediate effect.

8. A Supply Meter Point AQ would not be included within the Shipper's AQ Portfolio if the Supply Meter Point did not qualify for inclusion within the report for any of the reasons specified [in business rule 6].

9. For the avoidance of doubt, the report described in business rule 1 shall be added to the PARR in line with the specification, reporting will be produced on the 10th day following month end and will be reported to PAC on the second Tuesday of the following month.

The Proposed Change

(Xoserve' s understanding of the Modification)

The below mentioned points are from the perspective of delivering the requirements on the **DDP Platform** and **not making changes to the existing BO reports**.

1. Create a view of Read Performance against overall AQ portfolio for Class 4 meter points for PAFA
2. Class 4 meter points are to be split in the following manner:
    a. Meter points having AQ >293,000kWh – Monthly read meter points with overall AQ obligation for read performance set to 90%
    b. Meter points having AQ <293,000 with [Operational] Smart Meter or AMR equipment recorded on UKLink – Monthly read meter points with overall AQ obligation for read performance set to 90%
    c. Meter points having AQ <293,000 without [Operational] Smart Meter or AMR equipment recorded on UKLink. - Annually read meter points with overall AQ obligation for read performance set to 90%
3. **Operational Smart Meter** means where a Meter Reading is capable of being able to be retrieved remotely from the asset and made available to the Registered Supplier. For the avoidance of doubt the CDSP shall determine the Smart Meter as being Operational where:

a. A Meter is installed with a NS or S1 Meter Mechanism where the Installing Supplier is the current Registered Supplier;
b. A Meter is installed with a Meter Mechanism of S2; or
c. The DCC Flag recorded

4. Read Performance is calculated using the following logic:
((Total AQ for sites in that meter reading period (as applicable) for reads that are accepted into UKlink)/Total AQ of overall portfolio that meets the criteria of each report)*100
5. The above read performance for Class 4 information will be split to provide various views:
   a. By Supplier
   b. By Shipper
6. New reporting would be required to support the reports defined in business rule 2.The above changes will have to be replicated/created on the existing Shipper Reads dashboards as the Read performance information in the format elaborated above is not currently available to Shippers
7. The Shippers will have the functionality to drill down to MPRN level from their read performance dashboards
8. The charts on the dashboards for PAFA users will have the functionality to drill down to MPRN level for non-performant Supply Meter Points only.

Change Impacts

General Impacts to Xoserve and External Parties:

1. PAFA will have the visibility of non-performing Shippers via the dashboards
2. Shippers will have the visibility at MPRN level so that they can identify non performant Supply Meter Points and target larger sites where a lack of reading has a greater impact on UIG. This will ensure accurate energy calculations take place thus leading to accurate UIG calculations

External Interface Impacts (Changes to Screens, Portals, Files, Permitted Values, etc.)

1. Changes to existing Shipper dashboards
2. Creation of new dashboards for PAFA users
3. Making data items and low-level details available to PAFA users subject to approvals from Change Management committee and contract management (Data Permission approval)

Impacts to Gemini System:

NA

Impacts UKL Manual Appendix 5b:

NA

DSC Service Areas Impacted:

NA

Costs and Timescales

Change Costs (implementation):

Shipper Dashboards

4 weeks to 8 weeks within an existing sprint

£0 - £30,000

Change Costs (on-going):

NA

Timescales:

4 weeks to 8 weeks within an existing sprint

Assumptions:

1. **The above requirements are only for PAFA's view and not for PAC's**
2. In order to realise the zero cost, this change (for Shipper dashboards and new PAFA dashboards) must be delivered as a part of an existing sprint (i.e. this would need to be prioritised by Shippers from the product backlog)
3. Logic for building reports as described in point 5 under "The Proposed Change" section of this document will be confirmed during detailed design
4. Logic for building reports as described in point 5 under "The Proposed Change" section of this document will be confirmed during detailed design
5. Resources are available to support the existing development via the resources allocated to sprints
6. We get the requisite permissions and approvals to expose the data to PAFA in the format asked for in the Modification
7. Anonymising data will be provided by previous drop for PAFA
8. Exposing low level data would need approval before it can be exposed to PAFA on DDP and PAFA would need permission/legal contract changes to view un-anonymised data including low level data. The direction is that the existing PARR Reporting will be available via the Data Discovery Platform and existing PARR Reports will, over time be migrated to the DDP from the existing BO reporting. **This report will not be delivered via existing BO reporting, and only on the DDP.** The costing has been done based on the assumption that we will be able to extend existing contract to accommodate the work, as it is unlikely we will be able to procure resource for such a short period of time.

Dependencies:

These changes would depend on the PAFA drop 1 that is commencing November 2019.

PAFA are given permission to see the low level data (related to non performance Supply Meter Points) via a UNC modification, and release via the DSC Contract Management Committee.

Legal contract is in place for PAFA to view the data (usage of the data).

Constraints:

NA

Observations:

NA

Document Version History

Version	Status	Date	Author(s)	Summary of Changes
V2.0	Sent to Xoserve on behalf of Mod proposer	23/10/2019	Helen Cuin	Follow up Request, section A completed.
V2	Approved	18/11/2019	David Newman	ROM response provide from Xoserve.

Template Version History

Version	Status	Date	Author(s)	Summary of Changes
2.0	Approved	22/05/18	Steve Ganney	Minor changes implemented