Section G: Change Pack

# G1: Communication Detail

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| --- | --- |
| Comm Reference: | 3069.3 - KL - PO |
| Comm Title: | XRN4713 Actual read following estimated transfer read calculating AQ of 1 (linked to XRN4690) |
| Comm Date: | 18/07/2022 |

**G2: Change Representation**

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| Action Required: | For Approval |
| Close Out Date: | 01/08/2022 |

# G3: Change Detail

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| --- | --- |
| Xoserve Reference Number: | XRN4713 |
| Change Class: | Reporting Change |
| ChMC Constituency Impacted: | Shippers |
| Change Owner: | Simon Harris  Customer Change Service Development Specialist  [simon.harris@xoserve.com](mailto:simon.harris@xoserve.com)  0121 229 2642 |
| Background and Context: | Change proposal [XRN4690](https://www.xoserve.com/change/change-proposals/xrn-4690-actual-read-following-estimated-transfer-read-calculating-aq-of-1/) was originally progressed to look at options to mitigate the impact of the calculation of Negative Consumption on the AQ process. This issue arises where an Actual Read is submitted following an estimated transfer reading, if the submitted Actual Reading has a value less than the estimated reading, a negative volume is created (this occurs because the submitted actual read is validated against the last valid Actual Read recorded on the Supply Meter Point (SMP)).  In the instances where the Estimated Transfer Reading and the Actual Read are the only reads considered for the AQ Calculation process, the AQ would be re-calculated to 1. If other reads are considered within the optimum or sub-optimum period for the AQ Calculation process, then the AQ may still be incorrectly calculated resulting in a reduced AQ value (as it would take into consideration the negative consumption value).  Following standard solution review process for XRN4690, the recommendation was to implement a solution (‘Option 2’) looking to carry forward the prevailing Rolling AQ in the instance of negative consumption being contained within the new AQ calculation consumption periods. If this occurred an AQ rejection reason was to be communicated to the Shipper in the monthly NRL file. This was to try and protect the AQ values and reduce the risk of understating the AQ, so SMPs are not adversely affected by the negative consumption value (especially if it was to be calculate to 1).  XRN4690 was implemented in Minor Release Drop 3 (Feb 2019).  XRN4690 was deemed an interim fix, as although the AQ is now protected from negative consumption values, the negative consumption would still be present in UK Link and therefore the apportionment of volume/energy may be allocated to the incorrect periods. It was decided that XRN4713 was to be progressed with, looking for an enduring solution to this issue.  A number of Solution Options were discussed at DSG/ChMC and it was agreed that ‘Option 3’ should be progressed with. Option 3 was for a report to be developed that can be sent to the effected Shipper(s) indicating where a negative consumption resides in UK Link for further investigation.  This Detail Design Change Pack outlines the details of this service and report as per the approved Solution Option.  XRN4713 Change Proposal and supporting documents can be found [here](https://www.xoserve.com/change/change-proposals/xrn-4713-actual-read-following-estimated-transfer-read-calculating-aq-of-1-linked-to-xrn4690/). |

# G4: Change Impact Assessment Dashboard (UK Link)

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| Functional: | None |
| Non-Functional: | Reporting |
| Application: | SAP BW |
| User(s): | All Shipper Classes |
| Documentation: | None |
| Other: | None |

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| Files | | | | |
| File | Parent Record | Record | Data Attribute | Hierarchy or Format  Agreed |
| N/A | N/A | N/A | N/A | N/A |

# G5: Change Design Description

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| **Overview:**  As per the above, Option 3 was approved for implementation. Under [XRN4713](https://www.xoserve.com/change/change-proposals/xrn-4713-actual-read-following-estimated-transfer-read-calculating-aq-of-1-linked-to-xrn4690/) a new report is being implemented which will inform the inbound and outbound Shippers of the presence of negative consumption, either pre or post a Shipper Transfer, Class Change or Re-Confirmation.  This report will provide the details needed for one or both Shippers to investigate the negative consumption values and take the necessary remedy actions if it’s deemed suitable to do so (further details of remedy steps can be found in the *Additional Information* section of the Change Pack).  **Negative Consumption Report (XRN4713):**  The new Negative Consumption report will be delivered to Shippers monthly, reporting on the previous months read submissions where it has resulted in a negative consumption being generated.  The Negative Consumption report is to be a spreadsheet (.xlsx) and contain multiple tabs (details of which are shown below):  **Tab 1:** This will highlight negative consumption(s) against a read following an Xoserve generated estimated opening read  **Tab 2:** This will highlight negative consumption(s) against an Xoserve generated estimated final read  An example report showing the headers to be provided in both tabs is attached below for reference. *Please not that this may be subject to change.*  **Report Delivery:**  The new Negative Consumption report will be delivered to Shippers via the [SPA\_Reports@xoserve.com](mailto:SPA_Reports@xoserve.com) e-mail address and will be issued to both the inbound and outbound Shippers. The report will be triggered and issued on the 25th of each month, with contents being the negative consumption values received in the preceding month (up to the 24th).  [*Report Example*](https://umbraco.xoserve.com/media/43455/negative_consumption_report_xrn4713.pdf)  **Additional Information:**  The purpose of the new Negative Consumption report is to highlight to Shippers where negative consumption is recorded within UK Link, so that potential corrective action can be undertaken to update the negative position.  Shippers can achieve this via the following remedy actions:   * The replacement of an Xoserve generated estimated Meter Read(s) * The replacement of an Actual Read(s), or * The submission of a Consumption Adjustment   The corrective action taken will maximise the volume of new AQ calculations and ensure a SMPs current AQ value is in line with its current consumption, not just a historical consumption position.  Please note that a pre-notice of implementation will be issued to customers providing notice of the when this service will start (target date of October-2022) along with the details contained within this change pack. |

# G6: Associated Changes

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| Associated Change(s) and Title(s): | XRN4960 - XRN4690 - Actual Read following Estimated Transfer Read Calculating AQ of 1 - Interim Solution |

# G7: DSG

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| Target DSG discussion date: | N/A |
| Any further information: | N/A |

# G8: Implementation

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| --- | --- |
| Target Release: | AdHoc (October 2022) |
| Status: | For Approval |

Please see the following page for representation comments template; responses to [uklink@xoserve.com](mailto:uklink@xoserve.com)

Industry Response Detailed Design Review

«RangeStart:HDS»  
  
Change Representation

(To be completed by User and returned for response)

# *Please consider any commercial impacts to your organisation that Xoserve need to be aware of when formulating your response*

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| User Contact Details: | Organisation: | «h1\_organisation» | |
| Name: | «h1\_name» | |
| Email: | «h1\_email» | |
| Telephone: | «h1\_telephone» | |
| Representation Status: | «h1\_userDataStatus» | | |
| Representation Publication: | «h1\_consultation» | | |
| Representation Comments: | «h1\_userDataComments» | | |
| Confirm Target Release Date? | «h1\_targetDate» | | «h1\_userDataAlternative» |

# Xoserve’ s Response

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| Xoserve Response to Organisations Comments: | «h1\_xoserveResponse» |

«RangeEnd:HDS»

**Change Management Committee Outcome**

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| Change Status: | Approve | Reject | | | Defer |
| Industry Consultation: | 10 Working Days | | 15 Working Days | | |
| 20 Working Days | | Other [Specify Here] | | |
| Date Issued: | 18/07/2022 | | | | |
| Comms Ref(s): | 3069.3 – KL – PO | | | | |
| Number of Responses: | 0 | | | | |
| Solution Voting: | Shipper | | | Approve | |
| National Grid Transmission | | | Please select. | |
| Distribution Network Operator | | | Please select. | |
| IGT | | | Please select. | |
| Meeting Date: | 10/08/2022 | | | | |
| Release Date: | TBC | | | | |