Detailed Design Change Pack

# Communication Detail

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| Comm Reference: | 3244.2 – VO – PO  |
| Comm Title: | XRN 5665 - Default New Connection AQ values |
| Comm Date: | 18/12/2023 |

**Change Representation**

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| Action Required: | For Representation |
| Close Out Date: | 02/01/2024 |

# Change Detail

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| Xoserve Reference Number:  | XRN 5665 |
| Change Class: | New annual report. |
| \*ChMC Constituency Impacted: | Shippers Users and Distribution Network Operators.  |
| Change Owner:  | uklink@xoserve.com  |
| Background and Context: | Where a Distribution Network Operator is requested to implement domestic new-lay services by a customer, the distribution network operator will create associated new Meter Point Reference Numbers (MPRNs). The Distribution Network Operator will assign an MPRN Annual Quantity (AQ) based on the information received from the customer e.g. property type, number of bedrooms. When the customer provides limited or, no information, the Distribution Network Operator will assign a default domestic ‘New Connection’ AQ value.Distribution Network Operators have not regularly reviewed nor updated their default New Connection AQ values for domestic properties. In some instances, this has resulted in inaccurate default AQ values being applied to domestic properties (MPRNs) that have resulted in incorrect billing of shippers’ capacity/charges associated to those MPRNs.In 2022, the Distribution Network Operators, in collaboration with Xoserve, undertook a review of the default New Connection AQ values against the actual AQ values being utilised. The resulting default New Connection AQ values were updated to align to those utilised AQ values as shown in the table below: This was previously provided as a one-off adhoc exercise. The analysis would now be produced as a fresh request in order to ensure the annual service is delivered.The Distribution Network Operators have requested the CDSP provides a new annual service to facilitate a review of their default domestic New Connection AQs in order to ensure a closer alignment to the actual AQs to support the Distribution Network Operators own annual capacity charging process. This would enhance the accuracy on billing of New Connections capacity/charges where a default AQ has been applied by the Distribution Network Operator. |

# Change Impact Assessment Dashboard

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| Functional: | New Report |
| Non-Functional: | None |
| Application: | SAP BW |
| User(s): | Distribution Network Operators. |
| Documentation: | None |
| Other: | None |

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| --- |
| Files |
| File | Parent Record | Record | Data Attribute | Hierarchy or FormatAgreed |
| N/A | N/A | N/A | N/A | N/A |

# Change Design Description

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| A report will be compiled of the MPRNs within each of the Distribution Network Operators to establish any movement in the average AQ for domestic properties on an annual basis. The report produced using data items from SAP BW will be automated and scheduled to be sent via email (as per the previous adhoc request) on an annual basis. The new annual service is to be sent in January each year to Distribution Network Operators in order for them to review and assess whether the default New Connection AQ values should be updated in April when the new pricing is set.The report shall be sent to the same contacts that received the adhoc report as sent previously and will be validated with individual Distribution Networks.**Domestic Sites***Older sites:*Any sites registered for more than 2 years and which has had at least 1 valid AQ calculation.The parameter for the first report will be sites registered before 01/01/2022. For future reports this will be on a rolling basis of 2+ years from the month the report is generated.*Newer sites:*Any sites registered within the last 1 year and which has had at least 1 valid AQ calculation.The parameter for the first report will be sites registered since 01/01/2023. For future reports this will be on a rolling basis from the month the report is generated.**Parameters**Below are the key report parameters for domestic AQ values:* The report will exclude the top and bottom 5% of AQ values. This will ensure the results (mean and standard deviation) are not skewed due to extreme values on either side.
* IGTs will be excluded as they already have their own annual process in place.
* MPRNs will be excluded where the shipper has conducted an AQ correction.
* The report shall contain all MPRNs related to all Distribution Network Operators.
* Older sites will include:
	+ Distribution Network
	+ Mean AQ (total of all MPRN AQ values divided by the number of MPRNs)
	+ Obs/Observation Count (the number of MPRNs included in the analysis)

*The report will be configured as below;*

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| --- | --- | --- | --- |
| **Network** | **Mean AQ** | **Obs Count** |  |
| TGT |  |  |  |
| GT2 |  |  |  |
| GT3 |  |  |  |
| GT4 |  |  |  |
| GT5 |  |  |  |

* Newer sites will include:
	+ Distribution Network
	+ Mean AQ (total of all MPRN AQ values divided by the number of MPRNs)
	+ Standard Deviation (the amount of variability among the AQ values across the MPRNs from the Mean)
	+ Median (the AQ values ordered, with the middle MPRN AQ value as the median)
	+ Obs/Observation Count (the number of MPRNs included in the analysis)

*The report will be configured as below;*The report for newer sites will provide two AQ breakdowns, one where it provides insight into new connections' nominated AQs, and one that provides insight into the AQs of those sites that have since had a re-calculation. This is particularly the case in New Builds.The report parameters shall be configurable ensuring minimal hard coding in order to allow parameters to be amended in future where required. This will include parameters such as:* Number of years to utilise for AQ values (currently will be within 1 year or more than 2 years).
* MPRNs created within a given number of years.
* The percentage of MPRN actual AQ exclusions (upper and lower limits).
* Email IDs for the recipients of the report within each Distribution Network Operator.

Amendments to configurable parameters can be requested by raising a support ticket as per the Business As Usual (BAU) process. This will also be the process if any further information is required from the data on the report provided.**First Report**The CDSP will provide an initial analysis of actual domestic AQ usage against the current default New Connection AQ values (as of 1st January 2023 for newer sites and beyond 1st January 2022 for older sites) in time for the Distribution Network Operators to review and if necessary, update these values effective from 1st April 2024. For any updates to occur from 1st April 2024, the Distribution Network Operators will receive the initial analysis from the CDSP in January 2024.**Change Funding Arrangements:** Due to the size and nature of the proposed change, we do not anticipate any additional funding requirement will be necessary to complete the required work; with activities, including ongoing, future activity, being performed by Service & Operate funded resources. |

# Associated Changes

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| Associated Change(s) and Title(s): | N/A  |

# DSG

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| --- | --- |
| Target DSG discussion date: | 18/12/2023 |
| Any further information: | To present the key points of this pack. |

# Implementation

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| Target Release: | Release: Adhoc 01/2024 in line with providing the default AQ values to Distribution Network Operators in 04/2024 at which point the new prices are set. |
| Status: | For Approval |

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»  |
| Customer decision on Change Pack:  | «h1\_userDataStatus»  |
| Commercial impacts:  | «h1\_commercial\_impacts»  |
| Representation Publication:  | «h1\_consultation»  |
| Representation Comments:  | «h1\_userDataComments»  |

**Xoserve’ s Response**

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

Please send the completed representation response to uklink@xoserve.com

«RangeEnd:HDS»

Change Management Committee Outcome

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| --- | --- | --- | --- |
| Change Status: | [x]  Approve | [ ]  Reject | [ ]  Defer |
| Industry Consultation: | [x]  10 Working Days | [ ]  15 Working Days |
| [ ]  20 Working Days | [ ]  Other [Specify Here] |
| Date Issued: | 18/12/2023 |
| Comms Ref(s): | 3244.2 - VO - PO |
| Number of Responses: | 1 |
| Solution Voting: | [x]  Shipper | Approve |
| [ ]  National Gas Transmission | Please select. |
| [x]  Distribution Network Operator | Approve |
| [ ]  IGT | Please select. |
| Meeting Date: | 10/01/2024 |
| Release Date: | Adhoc |

Please send the completed representation response to uklink@xoserve.com