

DSC Change Proposal Document

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A1: General Details

Change Reference:	XRN4923				
Change Title:	AQ Calculation for RGMA (ONUPD) Estimate Reads				
Date Raised:	24/07/2019				
	Organisation :	Xoserve			
Sponsor Representative	Name:	Karen	Marklew		
Details:	Email:	Karen.	Karen.j.Marklew@xoserve.com		
	Telephone:	Telephone:			
	Name:	Simon Harris			
Xoserve	Email:	Simon	.harris@xoserve.com		
Representative Details:	Telephone:	0121 229 2642			
	Business Owner:	Sat Kalsi			
Chango Status	Proposal		⊠ With DSG	\Box Out for Review	
Change Status:	□ Voting	Approved Rejected		□ Rejected	

A2: Impacted Parties

	⊠ Shipper	□ Distribution Network Operator	
Customer Class(es):	□ NG Transmission	🗆 IGT	
		\Box Other <please details="" here="" provide=""></please>	
Justification for Customer Class(es) selection	Please use this field to explain how the parties you've selected will be impacted		

A3: Proposer Requirements / Final (redlined) Change

Problem Statement:	When an RGMA ONUPD is submitted with no read record (DATASET_GROUP_READG), UK Link will generate an estimated read. This estimated read is then used in the Reconciliation process, but is not currently used to trigger the AQ calculation. There has always been the expectation from Shippers that if we use any Read for Reconciliation then the same read should also be used for AQ calculation. The calculation of the revised AQ may change, as the optimum period utilised to determine consumption
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	will alter base on the meter reading date which triggered the AQ calculation. As estimated transfer reading and class change readings trigger the AQ calculation, including the RGMA processes will bring consistency to all processes. Note defect 471 Link to UKLink Defect 471.		
	This change will Amend UKL to u generated from RGMA ONUPD tra	ansactions for AQ calculations	
Change Description:	When an RGMA ONUPD is submitted with no read record (DATASET_GROUP_READG), UK Link will generate an estimated read. This estimated read is then used in the Reconciliation process, but is not currently used to trigger the AQ calculation. There has always been the expectation from Shippers that if we use any Read for Reconciliation then the same read should also be used for AQ calculation. The calculation of the revised AQ may change, as the optimum period utilised to determine consumption will alter base on the meter reading date which triggered the AQ calculation. As estimated transfer reading and class change readings trigger the AQ calculation, including the RGMA processes will bring consistency to all processes. Note defect 471		
	This change needs to be aligned to be in place for the formula y annual quantity snap shot taken on 1st December 2019 therefor the change needs to be implemented to ensure that the AQ and SOQs have been calculated ready for the next Formula Year snapshot which is taken on 1st December 2019.		
Proposed Release:	Release: Feb/Jun/Nov XX or Adhoc DD/MM/YYYY		
Proposed	□ 10 Working Days	□ 15 Working Days	
Consultation Period:	□ 20 Working Days	Other [Specify Here]	

A4: Benefits and Justification

Benefit Description:	The benefit of the change will be that the Supply Meter Points will have an AQ calculation if no cyclical read is loaded but an ONUPD is submitted improving accuracy of AQ's and also bringing consistent to the read and AQ process. What, if any, are the tangible benefits of introducing this change? What, if any, are the intangible benefits of introducing this change?		
Benefit Realisation:	⊠Immediately upon delivery		
	When are the benefits of the change likely to be realised?		
Benefit	Not aware of any dependencies		
Dependencies:	Please detail any dependencies that would be outside the scope of the change, this could be reliance on another delivery, reliance on some other event that the projects has not got direct control of.		



A5: Final Delivery Sub-Group (DSG) Recommendations – Removed

(see Section C for DSG recommendations)

A6: Service Lines and Funding

Service Line(s) Impacted - New or existing	Service Area 6: Annual Quantity / DM Supply Point and Offtake Rate Reviews		
Level of Impact	Major/ Minor/ Unclear/ None		
If None please give justification			
Impacts on UK Link Manual/ Data Permissions Matrix	No impact on UK Link Manual or Data Permissions matrix		
Level of Impact	Major/ Minor/ Unclear/ None		
If None please give justification	Configuration within SAP ISU – No additional data to be passed externally as part of this change.		
	Customer Classes/ Funding	Delivery of Change	On-going Budget Amendment
	🛛 Shipper	100 %	100 %
Funding Classes	National Grid Transmission	XX %	XX %
	Distribution Network Operator	XX %	XX %
	🗆 IGT	XX %	XX %
	□ Other <please specify=""> XX % XX %</please>		
ROM or funding details:	N/A		
Funding Comments:	As per service area.		

A7: ChMC Recommendation

Change Status:	Approve Reject			□ Defer
Industry	□ 10 Working Days		□ 15 Working Days	
Consultation:	20 Working Days		□ Other [Specify Here]	
Expected date of receipt for responses (to Xoserve)	xx/xx/xxxx			

DSC Consultation Issue:	⊠ Yes	□ No
Date Issued:		
Comms Ref(s):	2489.9 - RT - PO	



Number of	A Pape: two approved, and deferred and one rejected response
Responses:	4 Reps: two approved, one deferred and one rejected response.

A8: DSC Voting Outcome

	⊠ Shipper		Deferred	
O shatisa Matin w	National Grid Transmission		Please select.	
Solution Voting:	Distribution Network Operator		Please select.	
	🗆 IGT			Please select.
Meeting Date:	11/12/2019			
Release Date:	Release: Feb / Jun / Nov XX or Adhoc DD/MM/YYYY or NA			D/MM/YYYY or NA
Overall Outcome:	□ No □ Yes If [Yes] please specify <release></release>			specify <release></release>

Please send the completed forms to: <u>box.xoserve.portfoliooffice@xoserve.com</u>

Section C: DSG Discussion

C1: Delivery Sub-Group (DSG) Recommendations

(To be removed if no DSG Discussion is required; Xoserve to collate where DSG discussions occur)

DSG Date:	16/09/2019
DSG Summary:	 This Change has been raised by Xoserve representatives. PO stated the impacted parties noted in the Change Proposal are Shippers. Furthermore PO read through the problem statement explaining there is a known issue where Xoserve is generating an estimated read for reconciliation purposes, via RGMA but not using that same read for AQ purposes. PO explained that this links to UKLink Defect 471. In addition, the benefit realisation will be immediate upon delivery. PO flagged the service lines and funding, Section A6 has not been populated. Action: Ensure section A6 (Service Lines and Funding) are populated. Sally Hardman asked a question regarding AQ. If an estimated read will be used to calculate the AQ billing. PO explained that where Xoserve estimate reads for transfers, they are reconciled off. In this case where there is UPD the estimates are being generated but not used for AQ. SH explained that if Xoserve is using estimated reads the AQ annually will impact on their charging for the following year and billing further down the line for Shippers. Flagging there is an impact for GT's as well as Shippers. IB noted that Xoserve be considered towards the AQ calculation and estimated readings.



	Action: Xoserve to review whether any other forms of estimated reads may exist that are not included within the AQ calculation process. If so these should also be considered as part of this change. Prioritisation score is 34% This Change was ratified by DSG			
Capture Document / Requirements:	<insert appropriate="" where=""></insert>			
DSG Recommendation:	□ Approve □ Reject □ Defer			
DSG Recommended Release:	Release: Feb / Jun / Nov XX or Adhoc DD/MM/YYYY			

DSG Date:	18/11/2019		
DSG Summary:	last DSG as an over and seek a recomme presented to DSG as low impacting chang change pack, and at greater detail and pro stated that this will th will be discussed alo to progress into deliv ChMC decision. N po Cooper asked questi ACTION - By allowi	 slides. This change was view to highlight there is andation that this be sent is per slides. SH highlight the e with the HLSO going of tendees are encouraged ovide (where appropriate and go to ChMC in Decering with delivery timescal very. General support from over supports this chang on previously. ng estimated readings have an inadvertent im 	one solution for this for HLSO. Solution ed that this is a very ut in the November to look at this in) representations. SH nber where the reps es and seek approval m DSG to help feed e, however Sean to feed AQ, do we
Capture Document / Requirements:	<insert approp<="" td="" where=""><td>oriate></td><td></td></insert>	oriate>	
DSG Recommendation:	Approve	□ Reject	Defer
DSG Recommended Release:	Release: Feb / Jun /	Nov XX or Adhoc DD/M	M/YYYY



DSG Date:	27/04/2020
	 SH presented this agenda item. SH provided a brief background on this Change. XRN4923 was raised to look at the possibility of using estimated RGMA readings within the rolling AQ process. This scope includes UPD updates where no reads are provided, resulting in the CDSP having to estimate readings. Currently the CDSP estimated transfer readings feed AQ calculation processes. SH stated that the aim of this change is to align the approach and include estimated RGMA readings within the AQ calculation process. SH stated that the solution change pack was issued out in November 2019 (2489.9 - RT - PO) There were 4 reps received for this change pack, this involved 2 approval changes, 1 reject and 1 defer. ChMC in December 2019 requested for this change to come back to DSG for a steer and further development and to ratify the logic that was outlined in the representations received. SH stated that the only two viable options were to either progress then change or to withdraw the change. SH added that the risks raised around the RGMA readings not being able to be replaced was a main point to why there was hesitancy to progress this change.
DSG Summary:	 EL stated that her organisations view has not changed from the representation that was submitted. EL stated that they can't massively see the benefit other than more AQs being calculated. EL added that if the process was using an estimated read, it would be reporting an AQ calculation that was old, therefore making it inaccurate. IB stated that they still support this Change and that their view is still the same as the representation that was submitted by his organisation. PO asked HB if their view has changed from the submitted representation that was given. HB confirmed that the view has not changed and that her organisation is not in support of this Change. SH raised a point that estimated RGMAs cannot be replaced and that the only difference with the estimated transfer reads that do feed the AQ process is that they can be replaced, triggering a subsequent new AQ Calculation. SH stated that once the reps had been received, the risks raised have been discussed and noted the items that could be potential risks. DW stated in light of the recent news, he would recommend that this Change be deferred until further risk analysis has been done. DW stated that he neither supports or defers the change but would like to see the impacts of where the RGMA can now be replaced.



	LL stated that from what she has heard today, her organisation would support a deferral as this Change is something that has not been fully discussed within her organisation. PO Majority did not support progressing this change, this change will need to go to ChMC to either defer the change or withdraw the change to raise it at a later date.		
Capture Document / Requirements:	<insert appropr<="" td="" where=""><td>iate></td><td></td></insert>	iate>	
DSG Recommendation:		□ Reject	□ Defer
DSG			
Recommended Release:	Release: Feb / Jun / N	lov XX or Adhoc DD/MN	М/ҮҮҮҮ



Section D: High Level Solution Options

D1: Solution Options

	Link to CP	
	Current Process	
	When an RGMA (ONUPD) file is submitted by a Registered Shipper that contains no readings within the DATASET_GROUP_READG record, and it is successfully processed within UK Link, the CDSP will generate Estimated Readings. These CDSP generated Estimated Reads are subsequently used in the Reconciliation process, however, unlike their Class Change & Shipper Transfer/Re-Confirmation equivalents, are not used to trigger (or be used in) the Rolling AQ calculation process.	
	Requirement Overview	
Solution Option Summary:	Where the CDSP has estimated readings following a successful Shipper submitted ONUPD, these readings should then go onto trigger a Rolling AQ process.	
	Where a subsequent reading is submitted by a Shipper on a Supply Meter Point, this will also trigger a Rolling AQ as per existing process. If the Estimated Readings (from the ONUPD) is within the Optimum/Sub-Optimum period, these should be considered within the AQ calculation.	
	High Level Solution Option	
	Attached link for the HLSO for XRN4923:	
	https://www.xoserve.com/media/7589/xrn4923-high-level-solution- option-assessment-v20.pdf	
	As discussed at DSG, there is only one solution option being considered as part of this change, an amendment to the existing Rolling AQ process.	
Implementation Date for this Solution Option:	Minor Release	
Xoserve preferred option:	Option 1 (Only solution option available)	



(including rationale)	
DSG preferred solution option: (including rationale)	Option 1 (Only solution option available), however DSG agreed with this approach
Consultation closeout:	02/12/2019



Section E: Industry Response Solution Options Review

E1: Organisation's preferred solution option

User Contact	Organisation:	Npower Ltd
	Name:	Alison Price
Details:	Email:	alison.price@npower.com
	Telephone:	07557202065
Organisation's preferred solution option, including rationale taking into account costs, risks, resource etc.	Only 1 solution	available
Implementation Date:	Approve	
Xoserve preferred solution option:	Approve	
DSG preferred solution option:	Approve	
Publication of consultation response:	N/A	

E2: Xoserve' s Response

Xoserve Response	Thank you for your representation, we will feed this into ChMC for a
to Organisations	final decision.
Comments:	

E1: Organisation's preferred solution option

	Organisation:	EDF Energy
User Contact	Name:	Eleanor Laurence
Details:	Email:	eleanor.laurence@edfenergy.com
	Telephone:	07875117771
Organisation's preferred solution option, including rationale taking into account costs, risks, resource etc.	We do not support option 1 if UPD flows sent as part of a Change of Shipper/Supplier event are not treated differently (wait to estimate any read until after end of window for a Supplier to provide a customer or other opening read that could be validated and used in preference to a possible inaccurate estimate). We also do not see the benefits this will bring as estimated read will	



	be generated using AQ and last read and so will not benefit the rolling AQ process
Implementation Date:	Reject
Xoserve preferred solution option:	Reject
DSG preferred solution option:	Reject
Publication of consultation response:	N/A

E2: Xoserve' s Response

	-
Xoserve Response to Organisations Comments:	Thank you for your representation. Regarding your additional query, in the scenario where a UPD is provided as part of a Change of Shipper event, and the UPD is submitted before the CDSP estimates the Transfer Reading, the CDSP will firstly fulfil the Estimated Transfer Read early before estimating the UPD readings (if no actuals are provided), if actual readings are provided by the Shipper within the UPD file then these will either be used to assist the estimation of the Transfer Reading or the RGMA Read will be used as the Transfer Reading (depending when the UPD is submitted). Shipper Transfer Readings currently triggers a Rolling AQ calculation, so the fulfilment of the UPD estimates in these scenarios would not add additional AQ calcs. The main reason/benefits for the proposal was to align processes (as other CDSP estimates such as Shipper Transfer/Re-Confirmation reads feed the AQ process) and an attempt to trigger additional Rolling AQ calculations that could make the AQ more accurate if a number of months have passed since the last Rolling AQ.

E1: Organisation's preferred solution option

	Organisation:	E.ON
User Contact	Name:	Kirsty Dudley
Details:	Email:	Kirsty.Dudley@eonenergy.com
	Telephone:	07816172645
Organisation's preferred solution option, including rationale taking into account costs, risks, resource etc.	suggestions be	estimate read approach outlined. Should any made by others during this representation we ould be reviewed for suitability without impacting the date.
Implementation Date:	Approve	
Xoserve preferred solution option:	Approve	



DSG preferred solution option:	Approve
Publication of	
consultation	N/A
response:	

E2: Xoserve' s Response

Xoserve Response to Organisations Comments:	Thank you for your representation, we will feed this into ChMC for a final decision.
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E1: Organisation's preferred solution option

	Organisation:	anisation: Scottish Power		
User Contact	Name:	e: Helen Bevan		
Details:	Email:	Helen.Bevan@scottishpower.com		
	Telephone:	01416145517		
Organisation's				
preferred solution		rm how the read estimation is calculated ,my		
option, including	understanding is that it is currently calculated using the current AQ,			
rationale taking into	meaning the new AQ will likely to be similar or the same. Can you			
account costs, risks,	please clarify what the benefit of the change is?			
resource etc.				
Implementation Date:	Defer			
Xoserve preferred	Defer			
solution option:				
DSG preferred	Defer			
solution option:				
Publication of				
consultation	N/A			
response:				

E2: Xoserve' s Response

to Org	Response Janisations Comments:	Thank you for your representation. Regarding your additional query, you are correct in that the CDSP non-daily metered read estimation process will utilise the AQ value in it's calculation. Therefore the AQ, in theory, could be similar/the same as the previous AQ value if no additional changes have been made to the Supply Meter Point. However, this may not always be the case as the Rolling AQ process uses readings within an 'optimum' rolling period, and some reads used in the last rolling AQ processes may not form part of the new calculation, they may have dropped off, leading to a revised AQ value. The main reason for the proposal was to align processes (as other CDSP estimates such as Shipper Transfer/Re-Confirmation reads feed the AQ process) and an attempt to trigger additional Rolling AQ calculations.			



Version Control

Document

Version	Status	Date	Author(s)	Remarks
V1	With DSG	24/07/2019	Xoserve	
V2	With DSG	24/09/2019	Xoserve	CP updated with discussions from DSG 16 th September 2019.
V3	With DSG	26/11/2019	Xoserve	CP updated with discussions from DSG 18 th November 2019.
V4	Voting	10/12/2019	Rachel Taggart	Solution Review Change Pack and Reps added from November Change Pack
V5	With DSG	13/12/2019	Rachel Taggart	Updated with ChMC outcome from the meeting on 11 th December
V6	With DSG	05/05/2020	Chan Singh	CP updated with discussions from DSG 27 th April 2020

Template

Version	Status	Date	Author(s)	Remarks
3.0	Supersede d	17/07/2018	Emma Smith	Template approved at ChMC on 11th July 2018
4.0	Supersede d	07/09/2018	Emma Smith	Minor wording amendments and additional customer group impact within Appendix 1
5.0	Supersede d	10/12/2018	Heather Spensley	Template moved to new Word template as part of Corporate Identity changes.
6.0	Approved	12/12/2018	Simon Harris	Cosmetic changes made. Approved at ChMC on the 12 th December 2018.
6.1	In Draft	26/03/2019	Richard Johnson/ Alison Cross	 The following minor changes were made: Inclusion of an All 'Impacted Parties' option in A2 Justification section added to section A2 Change Description replaced with Problem Statement in section A3 Remove 'X' in Release information (sections A3, A5, A7, C1 and G8) Updated Service Line and UK Link impacts and funding section (A6) to include further detail



				 Amended questions 3 and 4 in section B Added Service Line/UK link Assessment in section D Removed Section A5
6.2	For approval	14/05/2019	Alison Cross	Following review at DSC Governance review group re- added Change Description text box
7.0	Approved	13/06/2019	Richard Johnson	DSC Governance Review Group changes to the template approved at Change Management Committee on 12 th June 2019
8.0	With DSG	03/10/2019	Xoserve	CP has been updated in section A6 (Service lines and funding)

Appendix 1

Change Prioritisation Variables 33%

Xoserve uses the following variables set for each and every change within the Xoserve Change Register, to derive the indicative benefit prioritisation score, which will be used in conjunction with the perceived delivery effort to aid conversations at the DSC ChMC and DSC Delivery Sub Groups to prioritise changes into all future minor and major releases.

Change Driver Type	 CMA Order EU Legislation BEIS SPAA Change Propos Other (please provide details) 	 MOD / Ofgem License Condition ChMC endorsed Change Proposal al Additional or 3rd Party Service Request below)
Please select the customer group(s) who would be impacted if the change is not delivered	Shipper Impact	□IGT Impact □Network Impact □National Grid Transmission Impact
Associated Change reference Number(s)		4923
Associated MOD Number(s)		
Perceived delivery effort	□ 0 - 30	☑ 30 – 60
	□ 60 – 100 □	∃ 100+ days
Does the project involve the	☐ Yes (If yes please answer	the next question)
processing of personal data? 'Any information relating to an identifiable person who can be directly or indirectly identified in particular by reference to an identifier' – includes MPRNS.	⊠ No	



A Data Protection Impact Assessment (DPIA) will be	 New technology Vulnerable customer data Theft of Gas Mass data Xoserve employee data 			
required if the delivery of the	\Box Fundamental changes to Xoserve business			
change involves the processing of personal data in any of the	Other (please provide details below)			
following scenarios:	(If any of the above boxes have been selected then please contact The Data Protection Officer (Sally Hall) to complete the DPIA.			
Change Beneficiary	Multiple Market Participants Multiple Market Group			
How many market participant or segments stand to benefit from the introduction of the	□ All industry UK Gas Market participants □ Xoserve Only			
change? Primary Impacted DSC Service	☑ One Market Group □ One Market Participant Service Area 6: Annual Quantity / DM Supply Point and Offtake			
Area	Rate Reviews			
Number of Service Areas	□ All □ Five to Twenty □ Two to Five			
Impacted				
Change Improvement Scale? How much work would be reduced for the customer if the change is implemented?				
	following at risk if the change is not delivered? □Customer(s) incurring financial loss □ Customer Switching at risk			
	Customer(s) incurring financial loss Customer Switching at risk following required if the change is delivered?			
	ed 🛛 Customer Testing Likely Required 🛛 Customer Training Required			
Kn	own Impact to Systems / Processes			
Primary Application impacted	□BW ISU □CMS			
	□ AMT □ EFT □ IX			
	Gemini Birst Other (please provide details below)			
Business Process Impact	AQ SPA RGMA			
	Reads □Portal □Invoicing			
Are there any known imposts to	Other (please provide details below) Very (please provide details below)			
Are there any known impacts to external services and/or systems	□ Yes (please provide details below)			
as a result of delivery of this				
change?	⊠ No			
Please select customer group(s) who would be impacted if the	Shipper impact			
change is not delivered.	Xoserve impact National Grid Transmission Impact			
Is there a Workaround in	/orkaround currently in operation?			
operation?	\square Tes			
If yes who is accountable for the				
workaround?	External Customer			
	Both Xoserve and External Customer			
What is the Frequency of the workaround?				
What is the lifespan for the				
workaround?				
What is the number of resource effort hours required to service				
workaround?				
What is the Complexity of the	Low (easy, repetitive, quick task, very little risk of human error)			
workaround?	□ Medium (moderate difficult, requires some form of offline calculation, possible risk of human error in determining outcome)			
	□ High (complicate task, time consuming, requires specialist resources, high risk of			
Change Prioritisation Score	human error in determining outcome) 33%			
Change Frioritisation Score				



Document Control

Version History

Version	Status	Date	Author(s)	Summary of Changes
1	Draft	27/04/18	Anesu Chivenga	