

Change Proposal

Correction of Erroneous Annual Quantities

Mod reference: N/A CDSP Reference: XRN4510

Document Stage	Version	Date	Author	Status
ROM Request / Change Proposal	0.1	25/10/17	Linda Whitcroft	Draft
ROM Response				Choose an item.
Change Management Committee Outcome				Choose an item.
EQR				Choose an item.
Change Management Committee Outcome				Choose an item.
BER	0.1	31/10/17	Debi Jones	Choose an item.
Change Management Committee Outcome				Choose an item.
CCR				Choose an item.
Change Management Committee Outcome				Choose an item.



Document Purpose

This document is intended to provide a single view of a change as it moves through the change journey. The document is constructed in a way that enables each section to build upon the details entered in the preceding section. The level of detail is built up in an incremental manner as the project progresses.

The template is aligned to the Change Management Procedures, as defined in the CDSP Service Document. The template is designed to remove the need for duplication of information. Where information is required in one section but has been previously captured in a previous section, the previous section will be referenced.

The summary table on the front page shows the history and the current status of the Change Proposal.

Section	Title	Responsibility			
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Appendi	Appendix				
A1	Glossary of Key Terms	N/A			



Section 1: Proposed Change

Please complete section 1 and 2 and specify within section 2 the output that is required from the CDSP

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Originator Details					
Submitted By	Linda Whitcroft		Contact Number	07770794808	
			Email Address	Linda.e.whitcroft@xoserve.com	
Customer	Emma Smith		Contact Number		
Representative			Email Address	Emma.smith@xoserve.com	
Subject Matter	Sue Prosser		Contact Number		
Expert/Network Lead			Email Address	Susan.g.prosser@xoserve.com	
Customer Class			rid Transmission		
		☐ Distributior☐ iGT	Network Operator		
			of proposed change		
Change Details			n proposed change		
		We require a Rolling AQ Calculation enhancement in ISU (as per the detailed info below) We require a datafix to be performed on all erroneous AQs in UK Link (SAP ISU) where there's been a negative consumption used in the calculation prior to 1st June. Where the AQ calculation has used a negative consumption value within the AQ calculation period, this being used to calculate a revised AQ value but where the AQ value is greater than 1, the existing AQ should be carried forward. Then a notification of explanation should be sent to the appropriate Shipper to advise them that the AQ failed to calculate because the consumption profile is not correct. The main cause of the erroneous data is the missing TTZ count, so in essence poor data quality. This is creating large volumes of negative consumption as the shippers have not got a process/ work around that protects them from such a scenario.			
		NRL/ AQ notification advise them to the has been carre (CPN00321 (In the consumption of t	fication file (T98 segment hat the AQ has failed to be ried forward. Failure to call Negative consumption per rrect AQ calculation being ion period used for AQ calculation being the rect	be issued to the Shipper in the of the NRL) in essence this will e calculated & the existing AQ (culate notification reason code riod for AQ calculation)) I derived and issued because cliculation holds a negative transportation charges as the	



	SOQ/ Formula Year will also be incorrect.
	When this functionality is delivered I would also request that the ZDT_AQ_Review table should be changed to compliment and allow the reporting of this scenario. The ZDT_AQ_Review should record both the positive and negative consumption values within an AQ calculation period. This will support Shipper queries and our reporting requirements.
	The AQ calculations are correct but the erroneous consumption profile will directly influence the AQ value and will result in an under or over stated AQ value that will contribute to Unidentified Gas (UIG).
	The revised Formula Year will use these understated values until they are corrected. This means that the rates for the SMP will be incorrect. The AQ needs to wait for the negative consumption period to be removed from the calculation which could take a maximum of up to 3 years in some cases. The AQ Correction process does not correct this scenario.
	Future AQs values that do actually calculate will potentially fail the AQ Market breaker tolerance validation.
	The reduced AQ values will potentially inhibit the Shippers ability to submit future reads as the meter reading will reflect the true consumption and could fail validation as the AQ has been reduced as a consequence of the negative consumption
	As soon as possible to stop the erroneous AQ values that will have an influence on other downstream processes.
Reason(s) for proposed service change	 Unintended consequences to rolling AQ process which is creating erroneous AQsImpacts UIG outcomes.
Status of related UNC Mod	N/A
Full title of related UNC Mod	N/A
Benefits of change	 AQs better reflective of actual consumption. Current UIG impacts anticipated to be reduced. December AQ position feeds 2018 billing AQ position, so charges will be more accurate.
Required Change	Datafix – effective on 1 st December 2017
Implementation Date	Validation (ISU) enhancement – ideally before the next rolling AQ calculation, which at the time of CP submission is 12th November 2017.
Please provide an assessment	⊠High
of the priority of this change from the perspective of the	□Medium
industry.	□Low
	Rationale for assessment:



Section 2: Initial Assessment / ROM Request / Change Proposal

Service Level of	Evaluation Services		
Quote/Estimate Robustness Requested	□ Initial Assessment (Mod related changes only)		
7.04400.04	□ROM esti	imate for Analysis and Delivery	
	CDSP Cha	nge Services	
	□Firm Quo	te for Analysis	
	⊠Firm Quo	te for both Analysis and Delivery	
Has any initial assessment	□Yes		
been performed in support of this change?	⊠No		
Is this considered to be a Priority	/ Service	□Yes (Mod Related)	
Change?		□Yes (Legislation Change Related)	
		⊠No	
Is this change considered to relate to a 'restricted class' of customers?		☐Yes (please mark the customer class(es) to whom this is restricted)	
Consider if the particular change is		⊠No	
to impact those who fall under a pacustomer class	rticular		
If it impacts all customer classes (i.e.		⊠Shippers	
Transmission, Distribution & Shippers) then choose 'No'.		□National Grid Transmission	
		⊠Distribution Network Operators	
		⊠iGT's	
Is it anticipated that the change would have an adverse impact on customers of any		□Yes (please give details)	
other customer classes?		⊠No	
Please refer to appendix one for the	e definition		
of an 'adverse impact'			
General Service Changes Only (please ensure that either A or B below is completed)			
A) Customer view of impacted service area(s) For a definition of the Service Areas, please see the 'Charge Base Apportionment Table' within the <u>Budget and Charging Methodology</u> . Please indicate the service area(s) that are understood to be impacted by the change. Please enter 'unknown' if relevant. Where the change is likely to impact more than one service area please indicate the percentage split of the impact across the impacted service areas. For example if it is split equally across two service areas then enter 50% in the 'split' against each service area.			
Rolling AQ calculation			
	B) If the change is anticipated to require the creation of a new service area and service line please give further details stating proposed name of new service area and title of service line:		



Specific Service Changes Only:

Please detail the proposed methodology (or amendment to the existing methodology) for determining Specific Service Change Charges.

Please detail the proposed basis (that is, Charging Measure and Charging Period) for determining Specific Service Change Charges in respect of the Specific Service.

Impacts to UKLink System or File Formats

Rolling AQ Calculation will require ISU code / configuration enhancement.

Impacts UKL Manual Appendix 5b

N/A

Impacts to Gemini System

The datafix to Rolling AQ will have to be done prior to the AAQ/MDS files are triggered for the effective dates of the new AQ value.

Please give any other relevant information.

Recipient	Email
Xoserve Portfolio Office	changeorders@xoserve.com
Change Management Committee Secretary	dsccomms@gasgovernance.co.uk



Section 3: ROM Request Acceptance

Is there sufficient detail within the ROM Request to enable a ROM Analysis to be produced?	□Yes □No
If no, please define the additional details that are required.	

If the ROM Request is not accepted. Please forward this document to the Portfolio Office for onward transmission to the Change Management Committee



Section 4: ROM Analysis

This ROM is Xoserve's response to the above Evaluation Service Request. The response is intended to support customer involvement in the development of industry changes.

Should the request obtain approval for continuance then a Change Proposal must be raised for any further analysis / development.

Disclaimer:

This ROM Analysis has been prepared in good faith by Xoserve Limited but by its very nature is only able to contain indicative information and estimates (including without limitation those of time, resource and cost) based on the circumstances known to Xoserve at the time of its preparation. Xoserve accordingly makes no representations of accuracy or completeness and any representations as may be implied are expressly excluded (except always for fraudulent misrepresentation).

Where Xoserve becomes aware of any inaccuracies or omissions in, or updates required to, this Report it shall notify the Network Operators' Representative as soon as reasonably practicable but Xoserve shall have no liability in respect of any such inaccuracy or omission and any such liability as may be implied by law or otherwise is expressly excluded.

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ROM Analysis

Change Assessment

High level indicative assessment of the change on the CDSP service description, on UKLink and any alternative options if applicable

Change Impact:

Initial assessment of whether the service change is / would have:

- a restricted class change,
- · a priority service change
- an adverse impact on any customer classes

Change Costs (implementation):

An approximate estimate of the costs (or range of costs) where options are identified

Change Costs (on-going):

The approximate estimate of the impact of the service change on service charges

Timescales:

Details of timescale for the change i.e. 3months etc.

Details of when Xoserve could start this change i.e. the earliest is release X.

Assumptions:

Any key assumptions that have been made by Xoserve when providing the cost and or timescale

Dependencies:

Any material dependencies of the implementation on any other service changes



Constraints:

Any key constraints that are expected to impact the delivery of the service change

Recipient	Email
Xoserve Portfolio Office	changeorders@xoserve.com
Requesting Party	As specified in ROM Request



Section 5: Change Proposal: Committee Outcome

The Change Proposal is approved. An EQR is requested		
Approved Change Proposal version		
The change proposal shall not proceed		
The committee votes to postpone its decision on the Change Proposal until a later meeting	Date of later meeting	
The committee requires the proposer to make updates to the Change Proposal:		
Updates required:		



Section 6: Evaluation Quotation Report (EQR): Change Proposal Rejection

Change Proposal Rejection				
	Yes		No	Is there sufficient detail within the Change Proposal to enable an EQR to be produced? If no, please provide further details below.
Furth	er deta	ails red	quired:	

Recipient	Email
Change Management Committee Secretary	dsccomms@gasgovernance.co.uk



Section 7: Evaluation Quotation Report (EQR): Notification of Delivery Date

Notification of EQR Delivery Date			
Original EQR delivery date:			
Revised EQR delivery date:			
Rationale for revision of delivery date:			

I	Recipient	Email
ſ	Change Management Committee Secretary	dsccomms@gasgovernance.co.uk



Section 8: Evaluation Quotation Report (EQR)

Project Manager		Contact Nu	mber	
		Email Addre	ess	
Project Lead		Contact Nu	mber	
		Email Addre	ess	
Please provide an indicative assessment of the impact of the proposed change on: i. CDSP Service Description ii. CDSP Systems Approximate timescale for delivery of 'business evaluation report' (N.b this is from the date on which the EQR is approved.) Estimated cost of business evaluation report preparation This can be expressed as a range of costs i.e. 'at least £xx,xxx but probably not more than £xx,xxx'.				
Does the CDSP agree with the 'Restricted class change' assessment (where provided)? Please refer to detail provided in the Change Proposal		□Yes □No (∣	s (please give detail below)	
Does the CDSP agree with the 'Adverse Impact' assessment (where provided)? Please refer to detail provided in the Change Proposal		□Yes □No ((please give detail below)	
Does the CDSP agree with the 'Priority Service Change' assessment (where provided)? Please refer to detail provided in the Change Proposal		□Yes □No (please give detail below)		
General service changes				
Does the CDSP agree with the assessment made in the Change Proposal regarding impacted service areas? This should refer to whether the proposing party		□Yes □No (l	s (please give detail below)	



considers the service change to relate to an existing service area or whether is constitutes a new service area.	
Specific service changes	
Does the CDSP agree with the proposal made in the Change Proposal regarding specific change charges? This should refer to the proposed methodology (or amendment to existing methodology) for determining the specific service charges and the proposed basis for determining the specific service change charges.	□Yes □No (please give detail below)
Please provide a draft amendment of the Specific Service Change Charge Annex setting out the methodology for determining Specific Service Change Charges proposed in the Change Proposal	
EQR validity period:	

I	Recipient	Email
ſ	Change Management Committee Secretary	dsccomms@gasgovernance.co.uk



Section 9: Evaluation Quotation Report: Committee Outcome

The EQR is approved				
Approved EQR version				
The Change Proposal shall not proceed. The Change Proposal and this EQR shall lapse				
The committee votes to postpone its decision on the EQR until a later meeting			Date of later meeting	
The committee requires updates to the EQR:				
Updates required:				
General service changes only (The detail upon which the response w commented upon in the subsequent EC		e based is originally defined in th	e change proposa	I and potentially
Does the committee agree with the assessment of the service area(s) to which the service lin belongs and the weighting of the impact?	e	□ Yes □No		
If no, please enter the agreed service area(s) and the weighting:				
Specific service changes only (The detail upon which the response will be based is originally defined in the Change Proposal and potentially commented upon in the subsequent EQR)				
Please confirm the methodolog for the determination of Specifi Service Change charges	ду	,		
Please confirm the charging measure and charging period the determination of Specific Service Change charges	for			



Section 10: Business Evaluation Report (BER)

Change Implementation Detail					
1.) Detail changes required to the CDSP Service Description					
There are no impacts to Service Area 6: Annual Quanitity, DM Supply Point & Offtake Rate Reviews (Ref DS-CS SA6 – 17)					
2.) Detail modifications required to UK Link					
No impact. The change requested is to support Unidentified Gas (UIG) correction initiatives as discussed in the UIG Review Group.					
3.) Detail changes required to appendix 5b of the UK Link Manual					
N/A					
4.) Detail impact on operating procedures and resources of the CDSP					
No impact. The changes will be applied in UK Link and updated AQs notified to Shippers via existing file flows.					
5.) Implementation Plan					
The Analysis and Development Phase is planned to commence on 06/11/17. Target implementation date is by 08/12/17 To Be Confirmed.					
6.) Estimated implementation costs					
The estimated cost for delivering requirements of Change Proposal is forecast to be £20,000					
6a.) How will the charging for the costs be allocated to different customer classes? (General Service Changes only)					
Please mark % against each customer class: National Grid Transmission Distribution Network Operators and IGT's DN Operator IGT's 100 Shippers					
7.) Estimated impact of the service change on service charges					
No impact to service charges.					
8.) Please detail any pre-requisite activities that must be completed by the customer prior to receiving or being able to request the service.					
N/A					
Implementation Options					
Please provide details on any alternative solution/implementation options:					



This should include:

- (i) a description of each Implementation Option;
- (ii) the advantages and disadvantages of each option
- (iii) the CDSP preferred Implementation Option

Do Nothing: This option is not recommended.

UK Link will continue to hold MPRNs with erroneous AQs, furthermore there is a risk of additional erroneous AQs being calculated until a code fix is applied increasing the overall numbers of erroneous AQs held in the system. Any erroneous AQs held in the system will contribute to the UIG volatility.

Recommended Option: Rolling AQ Calculation Code Enhancement and interim datafix of existing erroneous AQs in UK Link

This option will implement a code enhancement in UK Link that will identify where an AQ has been calculated using a negative consumption value resulting in an AQ value greater than 1. In these instances UK Link will:

- Carry forward the existing AQ value as the next month's AQ following the Rolling AQ Calculation and;
- Generate Shipper notifications using the NRL file flow that there has been a failure to generate an AQ due to an incorrect consumption profile and that the existing AQ has been carried forward.

Due to the urgency of the fix required and timescales to develop and deliver the recommended code enhancement this change will also apply interim data fixes as necessary to existing erroneous AQs held in UK Link until the code enhancement is delivered. As with enduring code enhancement, Shipper notifications advising of failure to generate an AQ and the AQ carried forward will be completed using the existing NRL and NNL file flows.

The advantages of this option are:

- Address existing erroneous AQs due to Legacy Data Quality issues up to November AQ Calculation.
- Correct any newly created erroneous AQs post November AQ Calculation until code implementation.
- More reflective invoicing
- Support ongoing industry initiatives to reduce the volatility of UIG.

The disadvantages of this option are:

Notification of AQs will be submitted through existing NRL and NNL files. Files generated as part of
the data code fix will not contain some optional data items usually provided in the file; i.e. start and end
reads. This has been communicated to the Industry at SDG and is seen as a accepted minor
disadvantage.

Restricted Class Changes only
Is there any change in the view of the CDSP on whether there would be an 'Adverse Impact' on customers outside the relevant customer class(es)?
□Yes (please give detail below)
⊠No
Dependencies:
Approval of the BER is required by 06/11/17 in order to commence the project on 06/11/17.



Constraints:
The solution needs to be delivered as soon as is practicable.
Target implementation date for the enduring code fix is 03/12/17 (TBC). As this will not be implemented in time for the Rolling Monthly AQ calculation in November a datafix will be applied to those values this, will be implemented by the 18/11/17.
Benefits:
By undertaking the changes, data held in UK Link will be corrected so that:-
AQs better reflective of actual consumption.
Current UIG impacts anticipated to be reduced.
 December AQ position feeds 2018 billing AQ position, so charges will be more accurate.
Impacts:
There are no identified impacts of this change.
Dieler
Risks: A delay in approval to proceed with applying the data and code fixes will increase the number of erroneous
AQs being generated therefore continuing to contribute to the UIG volatility.
Assumptions:
The SDG will provide confirmation of how to categorise the AQ calculation changes.
Information Security:
There are no impacts to information security.
Out of scope:
None



Please provide any additional information relevant to the proposed service change:			
None			

Recipient	Email
Change Management Committee Secretary	dsccomms@gasgovernance.co.uk



Section 11: Business Evaluation Report: Committee Outcome

The BER is approved and the change can proceed				
Modification Changes Only Please ensure that the Transporters are formally informed of the Target Implementation Date				
Approved BER version				
The change proposal shall not proceed and the BER shall lapse				
The committee votes to postpone its decision on the BER until a later meeting		Date of later meeting		
The committee requires updates to the BER:				
Updates required:				



Section 12: Change Completion Report (CCR)

Change Overview			
Please include detail on the following for the chosen implementation option: modifications to UKLink, impact on operating procedures and resources of the CDSP. Actions required of the customer prior to the commencement date			
Please detail any differences between the solution that	was implemented and what was defined in the BER.		
Detail the revised text of the CDSP Service Description	reflecting the change that has been made		
,	3 · · · · · · · · · · · · · · · · · · ·		
Were there any revisions to the text of the UK Link Mar	nual?		
☐Yes (please insert the revised text of the UK Link ma	nual below)		
□No			
Proposed Commencement Date	Actual Commencement Date		
Please provide an explanation of any variance			
Please detail the main lessons learned from the project			



Service change costs					
Approved Costs (£)		Actual Costs (£)			
Reasons for variance between approved and actual costs:					

Recipient	Email	
Change Management Committee Secretary	enquiries@gasgovernance.co.uk	



Section 13: Change Completion Report: Committee Outcome

The implementation is complete and the CCR is approved			
Approved CCR version			
The committee votes to postpone its decision on the CCR until a later meeting		Date of later meeting:	
The committee requires further information			
Further information required:			
The committee considers that the implementation is not complete			
Further action(s) required:			
The proposed changes to the CDSP Service Description or UK Link Manual are not correct			
Amendments to CDSP service description / UKLink ma	nual requir	red:	



Section 14: Document Template Version History

The purpose of this section is to keep a record of the changes to the overall version template and the individual sections within. It will be updated by the CDSP following approval of the template update by the Change Management Committee.

Version History:

Version	Status	Date Author(s) Summary of Changes		Summary of Changes
1.0	Approved		CDSP	Version Approved by Change Committee

--- END OF DOCUMENT ---



Appendix One: Glossary

Term	Definition
Adverse Impact	A Service Change has or would have an Adverse Impact on Customers of a particular
	Customer Class if:
	(a) Implementing the Service Change would involve a modification of UK Link which
	would conflict with the provision of existing Services for which such Customer Class is a Relevant Customer Class;
	(b) the Service Change would involve the CDSP disclosing Confidential Information
	relating to such Customers to Customers of another Customer Class or to Third Parties;
	(c) Implementing the Service Change would conflict to a material extent with the
	Implementation of another Service Change (for which such Customer Class is a
	Relevant Customer Class) with an earlier Proposal Date and which remains Current,
	unless the Service Change is a Priority Service Change which (under the Priority
	Principles) takes priority over the other Proposed Service Change; or
	(d) Implementing the Service Change would have an Adverse Interface Impact for such
	Customers.
General Service	A service provided under the DSC to Customers or Customers of a Customer Class on
	a uniform basis.
Non-Priority	A Service Change which is not a Priority Service Change
Service Change	
Priority Service	A Modification Service Change;
Change	or
	A Service Change in respect of a Service which allows or facilitates compliance by a
	Customer or Customers with Law or with any document designated for the purposes of
	Section 173 of the Energy Act 2004 (including any such Law or document or change
	thereto which has been announced but not yet made).
Relevant	A Customer Class is a Relevant Customer Class in relation to a Service or a Service
Customer class	Change where Service Charges made or to be made in respect of such Service, or the
	Service subject to such Service Change, are or will be payable by Customers of that
	Customer Class
Restricted Class	Where, in relation to a Service Change, not all Customer Classes are Relevant
Change	Customer Classes, the Service Change is a Restricted Class Change ;
Service Change	A change to a Service provided under the DSC (not being an Additional Service),
	including: (i) the addition of a new Service or removal of an existing Service; and
	(ii) in the case of an existing Service, a change in any feature of the Service specified in
	the CDSP Service Description,
	and any related change to the CDSP Service Description
Specific Service	A service (other than Additional Services) available under the DSC to all Customer or
	Customers of a Customer Class but provided to a particular Customer only upon the
	order of the Customer.