



# DSC Change Proposal

Change Reference Number: XRN4679

Customers to fill out all of the information in this colour ■

Xoserve to fill out all of the information in this colour ■

<b>Change Title</b>	Requiring a Meter Reading following a change of Local Distribution Zone or Exit Zone
<b>Date Raised</b>	21/05/2018
<b>Sponsor Organisation</b>	Xoserve
<b>Sponsor Name</b>	David Addison
<b>Sponsor Contact Details</b>	07428559800 / 0121 229 2138 <a href="mailto:david.addison@xoserve.com">david.addison@xoserve.com</a>
<b>Xoserve Contact Name</b>	David Addison
<b>Xoserve Contact Details</b>	07428559800 / 0121 229 2138 <a href="mailto:david.addison@xoserve.com">david.addison@xoserve.com</a>
<b>Change Status</b>	Approved
<b>Section 1: Impacted Parties</b>	
<b>Customer Class(es)</b>	<b>Shipper</b> National Grid Transmission <b>Distribution Network Operator</b> iGT
<b>Section 2: Proposer Requirements / Final (redlined) Change</b>	
<p>Where the Local Distribution Zone or Exit Zone of a Supply Meter Point is amended the Transportation Rates applicable will be amended. In order to ensure that the reconciliation utilises the correct rates it is proposed to enable the Central Data Service Provider (CDSP) to insert a Meter Reading at the effective date of the LDZ or EZ change.</p> <p>Prior to the Project Nexus Implementation Date, a Shipper User would need to perform a same Shipper Confirmation (a 'reconfirmation') to change either the Local Distribution Zone or the Exit Zone. Shipper Users requested that this be performed following the Project Nexus Implementation Date without the need for the reconfirmation.</p> <p>This functionality now relies upon a Meter Reading being available for the effective date of such changes and therefore circa 600 amendments have not been processed since the Project Nexus Implementation Date (1st June 2017 to 1st April 2018). Inserting a Meter Reading enables clear identification of the volume of gas attributed to the period prior to the LDZ or EZ change, and consequently the Transportation Rates applied for this period. This will enable Shipper Users to provide, in accordance with the prevailing Uniform Network Code Rules, the ability for the Shipper User to replace such Meter Reading.</p> <p>This change also refers to Supply Meter Points on iGT Networks.</p> <p>Following discussion at the Modification Panel and at the Distribution Workgroup, it is proposed that this is inserted as a Service Line in the DSC, rather than within the UNC as previous precedent.</p>	
<b>Proposed Release</b>	<b>01/08/2018 (by the customer)</b>
<b>Proposed IA Period</b>	<b>10WD</b>
<b>Section 3: Benefits and Justification</b>	
To allow reconciliation on the SMPs where the LDZ or EZ has changed	
<b>Section 4: Delivery Sub-Group (DSG) Recommendations</b>	
Supports Xoserve's solution to use a new read reason code.	



<b>DSG Recommendation</b>	Approve
<b>DSG Recommended Release</b>	November 2019
<b>Section 5: DSC Consultation</b>	
<b>Issued</b>	Yes
<b>Date(s) Issued</b>	09/11/2018
<b>Comms Ref(s)</b>	2140.1 – RJ – ES / 2293.8 – RJ – ES
<b>Number of Responses</b>	5 approvals in association with the Change Pack details in section D2 / TBC
<b>Section 6: Funding</b>	
<b>Funding Classes</b>	Shipper 33% National Grid Transmission XX% Distribution Network Operator 67% iGT XX% TOTAL
<b>Service Line(s)</b>	Service Area 5: Metered volume and quantity
<b>ROM or funding details</b>	
<b>Funding Comments</b>	
<b>Section 7: DSC Voting Outcome</b>	
<b>Solution Voting</b>	Shipper Approve National Grid Transmission NA Distribution Network Operator Approve iGT NA
<b>Meeting Date</b>	12/12/2018
<b>Release Date</b>	Major November 2019 Release
<b>Overall Outcome</b>	Approved solution for provision of new read reason code and Xoserve's intention to include this change in the November 2019 Release.

Please send the completed forms to: [box.xoserve.portfoliooffice@xoserve.com](mailto:box.xoserve.portfoliooffice@xoserve.com)

#### Document Version History


Version	Status	Date	Author(s)	Summary of Changes
1.0	For approval at ChMC	May 18	David Addison	Change proposal drafted
2.0	Section D populated	10/08/18	David Addison	High level solution option drafted ready for 10 day industry review
3.0	Solution Review Change Pack	09/11/18	David Addison	Included in November's Change Pack for a solution review
4.0	Representation Matrix	28/11/18	David Addison	Representation Matrix Created
5.0	Approved	14/12/18	David Addison	Solution option and release approved at ChMC on 12 <sup>th</sup> December 2018
6.0	Approved	21/05/19	David Addison	Design Change Pack reps added

#### Template Version History


Version	Status	Date	Author(s)	Summary of Changes
2.0	Approved	01/05/18	Emma Smith	Layout and cosmetic changes made following internal review

## Section C: DSC Change Proposal: DSG Discussion

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

Section C1: Delivery Sub-Group (DSG) Recommendations	
<b>DSG Date</b>	16 <sup>th</sup> July 2018 / 6 <sup>th</sup> August 2018
<b>DSG Summary</b>	
<div style="display: flex; align-items: center; margin-bottom: 10px;">  <div> <p>DSC Delivery Sub-Group - 160718 \</p> <hr style="width: 100%; border: 0.5px solid red;"/> </div> </div> <p>Dave Addison presented slides 63 to 64 - UNC MOD withdrawn following panel discussions and approval of CP by ChMC.</p> <p><b>ACTION 0721:</b> XRN4679 - Question for DSG – are there any existing codes expected to be re-used? Or would you want a specific read reason code?</p> <p><b>Action 0722:</b> XRN4679 - Xoserve to review to see if any existing read reason codes would be suitable</p> <p>Linda Whitcroft stated this change is a June 19 candidate.</p> <p>Further discussions on 6th August approved the agreed approach within section D</p>	
<b>Capture Document / Requirements</b>	INSERT
<b>DSG Recommendation</b>	N/A
<b>DSG Recommended Release</b>	Release: June 2019

# Section D1: DSC Change Proposal High Level Solution Options

Section D1: Solution Options	
High Level summary options	
<p>A single solution option is proposed where the CDSP estimates the Meter Reading on the effective date of the LDZ / EZ change. In order to do so a new READ_REASON_CODE is necessary. The new Read Reason Code will conform to the existing domain and field structure, for example: "LDZC" – LDZ / EZ Change. This Read Reason Code has not been registered.</p> <p>It is anticipated that this is a minor change within the UK Link system, but Users representations are invited whether this can be implemented at short notice within the Industry Release in February 2019. This release is a documentation only change so a Market Trials testing will not be available.</p> <p>The hierarchy is unchanged.</p> <p>The RT_M03_BILLREADS is only present in the MBR File which is a CDSP to Shipper User file. It is not expected that User to CDSP records are impacted by this change.</p> <p>No changes are expected to Service Descriptions.</p> <div style="text-align: center;">  <p>XRN4679 - High Level Solution Option</p> </div>	
<b>Implementation date for this solution option</b>	Proposed February 2019 Release or alternatively June 2019 – views to be provided
<b>Xoserve preferred option; including rationale</b>	NA
<b>DSG preferred solution option; including rationale</b>	NA
<b>Consultation close out date</b>	24/08/2018

## Section E1: DSC Change Proposal: Industry Response Solution Options

<b>User Name</b>	Eleanor Laurence
<b>User Contact Details</b>	Eleanor.Laurence@edfenergy.com
<b>Section E1: Organisation's preferred solution option, including rationale taking into account costs, risks, resource etc.</b>	
We are happy with new read reason code for Feb 2019 implementation as proposed in section D	
<b>Implementation date for this option</b>	Approve
<b>Xoserve preferred solution option</b>	Approve
<b>DSG preferred solution option</b>	Approve
<b>Publication of consultation response</b>	Publish
<b>Xoserve's Response to Organisation's Comments</b>	Thank you for your comments

Please send the completed forms to: [uklink@xoserve.com](mailto:uklink@xoserve.com)

## Section D2: DSC Change Proposal High Level Solution Options

Section D2: Solution Options	
High Level summary options	
<p>2043.4 – RJ – RH - XRN4679 – Requiring a Meter Reading following a change of Local Distribution Zone or Exit Zone - Solution View – was issued on 10th August 2018 seeking Users views on solutions. Representation responses expressed a preference for the creation of a new Meter Reading Code.</p> <p><b>Users are requested to ratify this solution option – i.e. provision of a New Read_Reason_Code for LDZ / EZ Change Meter Readings.</b></p> <p>Provided this remains the preferred solution this will require amendment to the RT_M03_BILLREADS record. A new Read_Reason_Code will be required – for example ‘ZJCA’ – Zone Change Reading. The amendment does not amend the structure of the file; therefore no changes will be necessary to the hierarchy.</p> <p>A new Meter Read will be visible on DES. These are single character ‘Read Codes’. The value proposed is ‘Z’.</p> <p>Previously, Users indicated that they were willing to accept this change within a Minor UK Link Release without a Market Trials period. Subsequent DSG discussions indicated that Users felt that there was insufficient notice for the February 2019 release. This is now a candidate for November 2019. Users are asked to note that the costs quoted assume a minor release and exclude Market Trials.</p> <p><b>Users are asked to provide comments with respect to the proposed November 2019 Major UK Link Release.</b></p>	
<b>Implementation date for this solution option</b>	November 2019 Release
<b>Xoserve preferred option; including rationale</b>	Provision of a New Read_Reason_Code for LDZ / EZ Change Meter Readings.
<b>DSG preferred solution option; including rationale</b>	N/A
<b>Consultation close out date</b>	23/11/2018

## Section E2: DSC Change Proposal: Industry Response Solution Options

<b>User Name</b>	<b>Graham Wood</b>
<b>User Contact Details</b>	<a href="mailto:Graham.Wood@centrica.com">Graham.Wood@centrica.com</a>
<b>Section E2 – Response 1: Organisation’s preferred solution option, including rationale taking into account costs, risks, resource etc.</b>	
We support the introduction of a new read reason code for a November 2019 Implementation.	
<b>Implementation date for this option</b>	Approve
<b>Xoserve preferred solution option</b>	Approve
<b>DSG preferred solution option</b>	N/A
<b>Publication of consultation response</b>	Publish
<b>Section E2 – Response 1: Xoserve’s Response to Organisations Comments</b>	Thank you for your comments.

<b>User Name</b>	<b>Alison Neild</b>
<b>User Contact Details</b>	<a href="mailto:Alison.Neild@gazprom-energy.com">Alison.Neild@gazprom-energy.com</a>
<b>Section E2 – Response 2: Organisation’s preferred solution option, including rationale taking into account costs, risks, resource etc.</b>	
<ul style="list-style-type: none"> <li>• In support of New Read Code Option: higher costs involved, but believe it is a more robust solution and provides better clarity.</li> <li>• In support of November 19 Release (we would be unable to accommodate deployment in minor release)</li> <li>• Please can you confirm whether there are further changes required to values in the K88 and K92 invoice lines for read reason codes?</li> </ul>	
<b>Implementation date for this option</b>	Approve
<b>Xoserve preferred solution option</b>	Approve
<b>DSG preferred solution option</b>	Approve
<b>Publication of consultation response</b>	Publish
<b>Section E2 – Response 2: Xoserve’s Response to Organisations Comments</b>	<p>Thank you for your comments.</p> <p>Regarding your final bullet, you are correct that there will be an amendment to the allowable values in the K88 and K92 invoice records for read reason codes. This will be passed to the project team for review during Detailed Design.</p>

<b>User Name</b>	<b>Npower</b>
<b>User Contact Details</b>	<a href="mailto:Gas.Codes@npower.com">Gas.Codes@npower.com</a>
<b>Section E2 – Response 3: Organisation’s preferred solution option, including rationale taking into account costs, risks, resource etc.</b>	
We are happy with this solution and the proposed implementation date of Nov 19.	
<b>Implementation date for this option</b>	Approve
<b>Xoserve preferred solution option</b>	Approve
<b>DSG preferred solution option</b>	n/a
<b>Publication of consultation response</b>	Publish
<b>Section E2 – Response 3: Xoserve’s Response to Organisations Comments</b>	Thank you for your comments.

<b>User Name</b>	<b>SSE</b>
<b>User Contact Details</b>	<a href="mailto:mark.jones@sse.com">mark.jones@sse.com</a>
<b>Section E2 – Response 4: Organisation’s preferred solution option, including rationale taking into account costs, risks, resource etc.</b>	
SSE is in support of a new read reason code.	
<b>Implementation date for this option</b>	Approve
<b>Xoserve preferred solution option</b>	Approve
<b>DSG preferred solution option</b>	n/a
<b>Publication of consultation response</b>	Publish
<b>Section E2 – Response 4: Xoserve’s Response to Organisations Comments</b>	Thank you for your comments.

<b>User Name</b>	<b>EDF – Eleanor Laurence</b>
<b>User Contact Details</b>	<a href="mailto:Eleanor.Laurence@edfenergy.com">Eleanor.Laurence@edfenergy.com</a>
<b>Section E2 – Response 5: Organisation’s preferred solution option, including rationale taking into account costs, risks, resource etc.</b>	
We are happy with new read reason code but due to timescales now involved – we cannot support a Feb 2019 implementation and would need it to be June 2019 or Nov 2019 now	
<b>Implementation date for this option</b>	Approve June/Nov 2019
<b>Xoserve preferred solution option</b>	Approve
<b>DSG preferred solution option</b>	Approve
<b>Publication of consultation response</b>	Publish
<b>Section E2 – Response 5: Xoserve’s Response to Organisations Comments</b>	Thank you for your comments. We understand your comments regarding releases. This will be a candidate for the November 2019 Release.



## Section F: DSC Change Proposal: Approved Solution Option

### Section F1: Solution Option for XRN4679

Provision of a New Read\_Reason\_Code for LDZ / EZ Change Meter Readings

<b>Implementation date</b>	8 <sup>th</sup> November 2019 – Major November 2019 Release
<b>Approved by</b>	<b>Change Management Committee</b>
<b>Date of approval</b>	12/12/2018

# Section G: Change Management Committee (ChMC) Change Pack Summary

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## Communication Detail

Comm Reference:	2293.8 – RJ – ES
Comm Title:	Requiring a Meter Read following a change of Local Distribution Zone or Exit Zone
Comm Date:	12/04/2019

## Change Representation

Action Required:	For representation
Close Out Date:	30/04/2019

## Change Detail

Xoserve Reference Number:	XRN4679
Change Class:	File Format Amendment
ChMC Constituency Impacted:	All Shipper Users
Change Owner:	Dave Addison <a href="mailto:david.addison@xoserve.com">david.addison@xoserve.com</a> 0121 623 2752
Background and Context:	<p>When the Local Distribution Zone (LDZ) or Exit Zone (EZ) at a Supply Meter Point (SMP) is amended UK Link (SAP ISU) requires a Meter Reading to be entered ensuring that the UK Link system has distinct periods against which to levy the transportation charges associated with the different zones and use the correct rates.</p> <p>An LDZ / EZ change typically happens following an address change at a SMP, but can also happen following physical network re-engineering. The latter scenario occurs very infrequently. CSEP amendments which result in a SMP exit zone change are also to be included as a trigger and Site Take Over process i.e. iGT purchasing GT area within this change.</p> <p>On the Legacy UK Link system when a change of LDZ or EZ occurred, the Shipper would need to perform a same Shipper confirmation (a re-confirmation). Typically Shipper Users find this process difficult to perform without generating “hello / goodbye correspondence” to the consumer – so typically these remained outstanding for extended periods. As part of the Nexus requirements, Shipper Users required that these could be actioned on UK Link</p>

	without reconfirmation.
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### Change Impact Assessment Dashboard (UK Link)

Functional:	Metering (Reads)
Non-Functional:	No Impact
Application:	SAP ISU, SAP PO, Marketflow, SAP BW, DES
User:	Shipper
Documentation:	File Format Amendment
Other:	NA

Files				
File	Parent Record	Record	Data Attribute	Hierarchy or Format Agreed
MBR	N/A	M03	READ_REASON_CODE	N/A

### Change Design Description

As part of the solution, a new Read Reason Code will be configured in SAP ISU (**LDEX**). This will be used to create a meter reading order whenever there is a change in EZ or LDZ and to trigger the generation of an estimated read. Once the read is estimated, a MBR file will be triggered containing the new Read Reason Code in the M03 record. For successful delivery of a MBR file, the new Read Reason Code will be configured in Marketflow & SAP PO.

For SAP BW, the Read Type and the Read Reason Code needs to be defined and mapped for reporting purposes. This new Read Type will be displayed on the external facing screens in DES. DES read type for EZ/LDZ estimated reads to be determined during detailed design.

Below are the triggers for LDZ/EZ Changes;

- ZSMP internal screen address amendment for GT sites
  - CMS address amendment for GT sites
  - CSEP exit zone amendment through CAI file for IGT sites
  - Site take over (Z\_STO) for both GT and IGT sites
- ZEZUPDATE : postcode to exit zone mapping change for GT sites

Below Read Reason Code will be added in allowable values of field 'READ\_REASON\_CODE ' of M03 segment within MBR file

**LDEX** - Estimated read for LDZ or Exit Zone Change

Please find below the amended file record that is published for review:



M03\_BILLREADS  
v10FA.docx

## Associated Changes

Associated Change(s) and Title(s):	XRN4725 - New read reason type for LIS estimate readings
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## DSG

Target DSG discussion date:	N/A - XRN4679 has previously been to DSG for development
Any further information:	N/A

## Implementation

Target Release:	8 <sup>th</sup> November 2019
Status:	Approved

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

## Section H: Change Representation (to be completed by User and returned for response)

User Name:	Scottish Power
User Contact:	Claire Louise Roberts <a href="mailto:ClaireLouise.Roberts@ScottishPower.com">ClaireLouise.Roberts@ScottishPower.com</a> 01416145930
Representation Status:	Approve
Representation Publication:	Publish
Representation:	
Target Release Date:	November 19
Xoserve Response:	Thank you for your response.

User Name:	Eleanor Laurence
User Contact:	<a href="mailto:Eleanor.laurence@edfenergy.com">Eleanor.laurence@edfenergy.com</a> 07875 117771
Representation Status:	Approve
Representation Publication:	Publish
Representation:	The only query received from our organisation is requesting clarity on what would happen if an actual (field or customer read) for the same date is already loaded or loaded at a later date – likely to be low in volume but we'd want to ensure the actual reads are prioritised over the estimated one.
Target Release Date:	Minimum 3 months' notice required
Xoserve Response:	<p>Thank you for your comments.</p> <p>We will estimate the Meter Reading on the effective date of the LDZ / EZ change. We would estimate this reading in the absence of another Meter Reading. For example, for a Class 3 and 4 Supply Meter Point it is unlikely that on the date that the LDZ / EZ change takes effect that we will have a reading for that date – as this would mean that the read date and the effective date would be the same.</p> <p>If we receive a reading for the same date after we have loaded the LDZ / EZ reading then we accept the reading provided that this is recorded as a replacement reading. If a valid reading is for an earlier date, then we would load the meter reading provided that this passes the submission validations – e.g. must be loaded within 25 business</p>

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	days for Class 4. If a valid reading for a later date then this would be loaded, validation would be applied to the last actual meter reading.
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