

Rough Order of Magnitude (ROM) Request and Response

- **Purpose of a ROM**

The DSC CDSP Service Document – Change Management Procedure sets out the expectations of the ROM process.

4.6.2 Subject to paragraph 4.6.3, within 10 Business Days after receiving a ROM Request, the CDSP shall send to the Customer and the Committee a report (Rough Order of Magnitude Report or ROM Report) setting out (so far as the CDSP is able to assess at the time):

(a) a high-level indicative assessment of the impact of the Potential Service Change on the CDSP Service Description and on UK Link;

(b) the CDSP's opinion as to whether the Potential Service Change would be a Restricted Class Change, would have an Adverse Impact on any Customer Class(es) or would be a Priority Service Change, where applicable.

(c) the CDSP's approximate estimate of:

(i) the Costs (or range of Costs, where options under paragraph (e) are identified) of Implementing the Potential Service Change.

(ii) the impact of the Potential Service Change on Service Charges; and

(iii) the period of time required for Implementation.

(d) any material dependencies of Implementation on other Proposed Service Changes or other likely Priority Questions; and

(e) if it is apparent to the CDSP that there are likely to be materially different options as to how to Implement the Potential Service Change, a high-level description of such options.

- **ROM Request – To be completed by the customer.**

Please populate the details below and send to box.xoserve.portfoliooffice@xoserve.com, to enable the CDSP to undertake the impact assessment to provide the ROM Response (section below).

Please note, the ROM requestor may be asked for further details if it is believed that request is not clear and additional information is required in order to provide a ROM Response.

2a. ROM Request Details

ROM Request Details	
Change Title	<p>Settlement Adjustments for Supply Meter Points impacted by the Central Switching System P1 Incident (Modification 0855)</p> <p>[XRN 5675 - Implementation of 0836S - Resolution of Missing Messages following Central Switching Service implementation and integration with REC Change R0067 and Modification 0855 - Settlement Adjustments for Supply Meter Points impacted by the Central Switching System P1 Incident]</p>
Regulatory Impact	Yes
Regulatory Reference (if applicable)	Modification 0855 & Modification 0836S
Change Overview	<p>Modification 0855 was raised to enable the CDSP to issue adjustments to credit the Shipper (Shipper A) who was recorded on UK Link after the Supply Effective From Date and debit the equal and opposite value to the Shipper recorded as being responsible from that point (Shipper B). Change Description as a result of the CSS P1 Incident.</p> <p>The change follows the same principles of Modification 0836, based on the Modification Business Rules, the following needs to be assessed by the CDSP.</p> <p>Note Mod 0855 allows implementation of 0836 for a retrospective period. The implementation of this change is expected to ensure that: - Meter Readings can be issued to Shippers as soon as possible related to the P1 Incident (this component will not be required until after Mod 0836 implementation for prospective instances)</p> <p>Create meter read for the CSS Registration Effective Date in the UK Link system</p> <ul style="list-style-type: none"> - The methodology for Meter Reading estimation will be determined by the prevailing Class at the time of the CSS Registration Effective Date and in accordance with UNC TPD 5.4.1 and 5.4.2 for Classes 1 and 2, and for 3 and 4, respectively. The solution proposed for 0836 was to email Shipper B, and use the existing MRB file (M03 Record) to notify Shipper A. Following discussions with the industry, Shipper A will also require an email providing

	<p>the CSS Registration Effective Date Meter Reading. Both Shipper A and Shipper B require a notice (along with the Readings of the identity of the incoming and outgoing Shippers and Suppliers, and where provided any contact details for their 'CSS P1 Incident Manager contact details' provided by either party.</p> <p>As this Meter Reading is intended to be used for Customer Settlement – Suppliers and Shippers have asked that this Reading is issued to Shippers via email as soon as possible. Ideally this should be issued as soon as the Opening Meter Readings are loaded in UK Link systems – from circa 17th August 2023. This Reading may then be added to UK Link systems AFTER Modification approval. At which point the MBR can be issued to Shipper A, and confirmation re-issued to Shipper B that the Readings have been loaded. If the Meter Reading requires replacement only Shipper A may do so. Subject to Modification XXX the Shippers will be afforded a period of not less than [28 days] after [the issue of the CSS Registration Effective Date Meter Readings] to replace the Meter Reading.</p> <p>Generation of Transportation Adjustment</p> <p>Modification 0855 (and 0836) require that the CDSP will generate Adjustments to credit Shipper A and debit Shipper B. In the case of 0836, a materiality test is required, but is required for 0855.</p> <p>The timescales for such Adjustment are defined in the Modifications – noting that these are at the end of the month, three months after issue of the Meter Readings described above.</p> <p>Please note that the materiality test has been removed by recommendation of parties, but the opt out clause remains.</p>	
Date Raised		
Required Response Date	<i>It would be beneficial if we had the Response to the ROM back on the 29th August prior to the Workgroup meeting on the 31st August 2023</i>	
Requestor Contact Details	Name:	Sharon Dudley / David Addison on behalf of UNC Distribution Workgroup (DWG)
	Organisation:	Xoserve
	Email:	Sharon.Dudley@xoserve.com / David.Addison@xoserve.com
	Number:	
Xoserve Lead Contact (to be provided by the CDSP)	Contact Name:	Sharon Dudley & David Addison
	Contact Email:	Sharon.Dudley@xoserve.com / David.Addison@xoserve.com

• ROM Response – To be completed by the CDSP

The ROM response provided is based on a high-level indicative assessment of the impact of the change.

To find the high-level costs and timescales please go to section 3c which can be found [here](#).

3a. Impacted Constituency

Customer Class(es) Impacted by Change:	<input checked="" type="checkbox"/> Shipper	<input checked="" type="checkbox"/> Distribution Network Operator
	NG Transmission	IGT
	All	Other <Please provide details here>
Justification for Customer Class(es) selection	<p>This change enables implementation of the components of Modification 0836S that are not already covered under XRN5535A, and will enable implementation of 0855. Both these changes require:</p> <ul style="list-style-type: none"> - Meter Readings to be estimated for the missing CSS Registration Effective Date. - materiality test (0836S only / (NB: 0855 solution expected that the Mod will set the materiality threshold at 0kWh – i.e. any Energy difference will be adjusted) - Billing adjustments will be carried out as part of MOD0855. <p>Hence both the Shipper and Distribution Network Operators are impacted by this change.</p>	

3b. Overview of impacts

Overview of impacts	<p>Below is an overall end to end summary for both UNC Modifications 836S and 0855 changes. As part of this MOD, the changes mentioned in MOD0836 is not detailed fully.</p> <ol style="list-style-type: none"> 1) New screen to allow input of Missing SAM MPRN and corresponding CSS Registration Effective Date for which the read needs to be estimated and stored in the system. 2) The read will be estimated based on the last actual and next read (If present in system) and it will be stored with reason CYCL, read source X, read type E. 3) The read details for the CSS Registration Effective Date (whether estimated as per step 2 above, or whether a Valid Meter Reading exists in UKL for the CSS Registration Effective Date therefore negating the need for estimation by CDSP) will be shared with the shipper recorded in the MBR file. The shipper registered as of the read date will be notified about the read in the MBR file. 4) A report will be developed to obtain the below details for the missing SAM registration MPRNs. <ol style="list-style-type: none"> i) Meter Point Reference Number ii) CSS Registration Effective Date Meter Reading (Meter/corrector/uncorrector) value derived in step 1. iii) CSS Registration Effective Date (for which SAM has not received) Incoming shipper iv) Outgoing shipper v) Incoming supplier vi) Outgoing supplier vii) New registration effective date (As part of MOD0836) 5) The details extracted above will be sent to both incoming/outgoing shippers over email.
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- 6) The read value will trigger the reconciliation as per the existing Reconciliation process. It will not be used for tolerance validations.
- 7) The read stored as part of this will not be used as end read for AQ roll process.
- 8) A new program will be developed to calculate the capacity and commodity charges based on the two registration dates (Missing SAM effective date and UK Link new registration effective date). For amendment charges the new program will refer to the bill documents created as part of the new read. The report will have the shipper and relevant details required for RTB template input.
- 9) Business users to input the details in RTB and perform pre bill authorisation then authorise the invoice file creation.
- 10) The supporting information file (AIR) will be sent as per the BAU process.
- 11) The estimated reads are stored as part of this change can be replaced by the shipper (Outgoing) within M+3 (consistent with 0836S) from the missing SAM registration effective date. If the replacement request is received after M+3, then it will be accepted but not included in the adjustments.
- 12) For re-submitted registrations the CDSP will need confirmation from Shipper B to include in scope of this modification.

Assumptions:

- 1) The list of MPRNs and the corresponding missing SAM date needs to be prepared offline.
- 2) The read will be estimated and stored if there are no reads present in UK Link system for the missing SAM registration effective date. For class 1 & 2 reads will be present, hence read estimation will be applicable to class 3 and 4 sites as on registration effective date.
- 3) If there is a change in class requested as part of original CSS registration request, the read will be loaded to the existing class as on missing CSS registration date.
- 4) The estimated read value will be displayed in GES and flow to other downstream systems.
- 5) Capacity and commodity adjustments will be performed for all class MPRNs, but amendment invoice adjustments will be done for class 3 and 4 sites.
- 6) Amendment charges will be calculated after the transfer reads are stored as part of the UK Link new registration request.
- 7) New reports mentioned in this change needs to be triggered manually by either business ops or Tech ops.
- 8) Reports will be sent to shippers over email manually by Business Ops team. There is a separate cost mentioned below if the email needs to be automated. It will require an additional effort to store and revisit the email id details as and when required.
- 9) For 0855, CSS P1 Incident Manager contact details need to be added to the emails to shippers manually by Business Ops.
- 10) Green field and brown field sites are out of scope existing processes will manage adjustments for these sites..
- 11) The only scenarios included in this scope is shipper A to Shipper B.
- 12) Re-Issue of reads at MOD implementation Communication issued regarding read replacement and adjustment timescales.
- 13) Replacement readings process will utilise the current replacement read functionality in UK Link and no additional CDSP support is required.

14) Any read activity or adjustments performed for the period (missing SAM registration date and UK Link registration date) will work as current functionality. E.g. If Shipper A in UKLink submits an update we will allow the update during this period.

UK Link Component Systems	Level of Impact (L/M/H)	File Format (Y/N)	Screens (Y/N)	Reporting (Y/N)	Batch Jobs (Y/N)	Validation (Y/N)	Processes (Y/N)	Other
UK Link Gemini	N	N	N	N	N	N	N	<i>If 'Other' is ticked, please provide justification</i>
UK Link System Application (e.g. SAP ISU, BW, PO)	H	N	Y	Y	Y	Y	Y	<i>As above</i>
UK Link Portal	N	N	N	N	N	N	N	<i>As above</i>
UK Link Online Services	N	N	N	N	N	N	N	<i>As above</i>
Data Enquiry Services (DES) <i>-To be removed post CSS implementation</i>	N	N	N	N	N	N	N	<i>As above</i>
Contact Management Service (CMS)	N	N	N	N	N	N	N	<i>As above</i>
UK Link Network (Inclusive of IX, EFT and AMT)	N	N	N	N	N	N	N	If the emails need to be sent directly move it can be used.

Additional Systems	Level of Impact (L/M/H)	File Format (Y/N)	Screens (Y/N)	Reporting (Y/N)	Batch Jobs (Y/N)	Validation (Y/N)	Processes (Y/N)	Other
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Data Discovery Platform (DDP) Core	N	N	N	N	N	N	N	<i>If 'Other' is ticked, please provide justification</i>
Discovery API	N	N	N	N	N	N	N	<i>As above</i>
Reporting	N	N	N	N	N	N	N	
Gas Enquiry Service (GES) – To be included post CSS implementation	N	N	N	N	N	N	N	

3c. High level costs and timescales

Costs provided within the ROM response are indicative and high level based on high level analysis.

Below details the high-level implementation cost range and provides an indication of any ongoing costs identified from the high-level analysis.

Timeline:



Implementation costs

Please provide below a high-level indicative cost range for this request.

This solution will deploy a more automated solution than originally envisaged within 0836S. Consequently development expected within 0836S (XRN5535B) (ROM stated £28k-34k) is subsumed within this ROM, therefore delivery of Mod 0836S and 0855 will be merged and this ROM defines the delivery of both 0836S and 0855.

This solution will be available to be used in the event that a subsequent issue is experienced by CSS leading to large volume discrepancy between CSS and UKL.

For each costed solution option:

Without automated email option delivery cost range - £ 70k – 120k

With automated email option delivery cost range - £100k - £150k

Ongoing costs

Please provide a view on whether any ongoing costs are anticipated as a result of this change being implemented.

If ongoing costs are anticipated, please provide an indication of the expected annual ongoing cost.

The ongoing MTB cost will be in the range of £27k to £35k per annum. This also includes the MTB costs for 0836S (£5k-8k per annum).

Timescales:

The high-level estimate to develop and deliver this change is approximately 25 weeks and includes 4 weeks of Post Implementation Support

Validity of ROM:

Please note, the information provided in the ROM response is an 'at a point in time' assessment which is valid for [6] months.

3d. Release type

Please provide a view on the anticipated release type this change would need to be delivered under.

Release Type	Ad-hoc / Stand-alone	Minor
	Major	

Next available Release (based on the Release Type)	ChMC approval to Release scope	ChMC approval of Detailed Design
<i>Major Release – Feb 24</i> <i>Minor Release – DD/MM/YY</i> <i>Ad-hoc – April 24</i> Release availability will be determined post impact assessment	13/09/23	As soon as possible with potential for eChMC

3e. Impacted Service Area

Impacted Service Area:	<i>Xoserve to provide a view on likely Service Area</i>
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3f. Assumptions

- Any changes in the approach to the solution may affect the overall schedule and costs for the change.
- Costs are high level, based on high level analysis. Detailed analysis will be needed to determine the final solution which will impact both cost and schedule.
- Any costs associated to Market Trials are not included. We have assumed that market trials is not included.
- The high-level analysis is based on changes to central systems and does not account for changes to customer systems as a result of any potential work.

- The high-level analysis and costs are based on current production system.

- **Version Control**

Version	Date:	Author	Status
1.0	20/07/2022	Ellie Rogers	Clean version