



DSC Delivery Sub-Group

Monday 19th December 2022

1b. Previous DSG Meeting Minutes and Action Updates

- The DSG Actions Log will be published on the DSG pages of [Xoserve.com](https://www.xoserve.com)



2. Changes in Capture



2a. Change Proposal – For Initial Overview of the Change

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- XRN 5595 – Changes to the REC Switching Operator Outage Notification Lead Time (R0055)
- REC Update – Late Gate Closure Messages and Missing Messages

Change Overview

XRN5595 : Changes to the REC Switching Operator Outage Notification Lead Time (R0055)

Within the Switching Operator Service Definition document, the Central Switching Service (CSS) Provider (DCC) is required to provide 10 Working Days' (WDs) notice of planned system outages.

However, within the CSS Provider's processes and the Switching Operator Change Management Process Category 3 document, an 8 WD lead time is set out.

This change seeks to address this discrepancy and align the code documentation.

The approved Solution that has been agreed under the REC is Solution Option 1, which seeks to amend the notice period from 10WD to 8WD within the Switching Operator Service Definition document.

As a result of this, the CDSP, as a Switching Data Service Provider, needs to amend processes surrounding interactions with the CSS Provider to ensure this is reflected.

Further detail on this change can be found here : [XRN 5595 | Xoserve](#)



2a.ii. REC Update:

**Late Gate Closure Messages and
Missing Messages**

December 2022

'Missing' Gate Closure

- First ticket was raised on 24th July, and each day that we had a missing GC message a further ticket has been raised
- At 23rd November – last incidence of missing GC message was 22nd November
 - Total missing messages 164 by this point (121 missing on 2nd August)
 - NB: 9 now resolved following confirmation of Cancellation of Registration from Switching Operator
- DCC indicated a fix has been deployed 25th August that would resolve the exceptions that were causing this issue, but noted that this would take some time to work through CSS (so to expect some additional missing messages post fix date (NB: we have recorded Missing Messages post 25th August))
- We have reported 93.75% (Sub average volumes) and 80% (Average to Peak volumes) success against the REC Performance Assurance target for October of all messages being received within target each day – 4 days with missed messages
 - We believe that these have all related to Supplier-less Supply Meter Points, so expect this to be a different functional issue

Latest Position

- Statistics as at 20th November:
 - Pot 1 – ‘Pending DCC Rec’ incl. Server Shut Down – estimate that these will require Registration
 - Pot 2 – Server Drift - estimate that these will require Registration
 - Pot 3 – ‘New’ recent instances to be investigated with DCC
 - Pot 4 ‘Supplierless’ – we believe that this is a functional issue and will require system change (and potentially REC change)
 - Resolved – 9 Cancelled Registrations – removed from UKL
- Note: all statistics and conclusions for ‘pots’ are subject to Reconciliation and confirmation from the Switching Operator

RCA	Count Missing SAM
PENDING	164
Pot 1 Pending DCC REC	31
Pot 2 Server Drift Issue	119
Pot 3 New	9
Pot 4 Isolated (Supplierless)	5
RESOLVED	9
(blank)	
(blank)	
Grand Total	173

CRD061

- We believe that the issue of Missing Gate Closure messages would have been mitigated by 'resend' functionality
 - DCC implemented this prior to CSS for Smart DSP
 - Could not be implemented for others prior to CSS Go Live without impacting Implementation Date
- We have been arguing that this is a Programme Deliverable and ELS should not be completed without this functionality being delivered
 - Potentially will be progressed as a REC Urgent Change
 - This is still being progressed Xoserve are reviewing the proposed solution with REC / DCC
- We are performing the Impact Assessment on this change (R0067) ... this will **not** resolve all issues with Missing Messages as some Registrations will not be at a status to permit resend

2nd August – ‘Missing Messages’

- On 2nd August we identified 122 ‘Missing Messages’:
 - On 15th September DCC indicated that they had identified that some of this population had different characteristics to others being investigated under this issue
 - Identified that the GRDA System had rejected messages with a time related error
 - Our investigations indicate that this was because the GRDA System considered the messages for a future date or time
 - We expect that this is because server clock time drift between CSS and GRDA – and GRDA lagging behind CSS by as little as 0.5 second
 - CSS and GRDA systems are exchanging messages in millisecond timings – therefore this drift would cause this rejection
 - MS Azure clock times are guaranteed within 2 seconds – but drift is considered very unlikely
 - Our investigation attributed this error incorrectly to the CSS Missing Message issue
 - Fixes planned:
 - To allow for drift between servers – e.g. set a +/- buffer time in the validation - **Deployed**
 - Recording rejected messages for a short period to investigate the original message payload – we relied on the messages to be provided by Switching Operator to investigate – **In progress**

Next Steps

- This position has largely not changed from last month – we had asked DCC to focus on stopping further instances of Missing Messages:
 - Need confirmation which of the Missing Gate Closure messages were intended to result in Registration or Cancellation
 - We are still waiting for the Reconciliation position
 - Need to understand options from DCC ...
 - DCC have indicated that these should be set Live, but cannot generate the Secured Active Messages to us
 - We have asked DCC to provide a notification of the Registrations that need to be set Live in lieu of the Secured Active Notification – we plan to use this as a proxy Secured Active Notification
 - UNCC accepted the proposed approach that we set the Registrations Live for the ‘Server Shut Down’ Issue using a proxy Secured Active Notification
 - XRN5535 was raised to determine what to do if we received a message after 03:00 on D
 - We are using this Change Proposal to assess what needs to be done for the ‘missing’ Registrations – we have no Retro Registration functionality so solution needs to be identified – e.g. increment Registration Effective Date and adjustment

Proposed Solution

- We plan to progress these changes as Prospective fixes – i.e. once we have developed and tested the functionality
- We will set the 'missed Registration' Live prospectively for any missed messages for Switches***
 - If there has been Registration subsequent to the CSS Effective Date, or another Registration is imminent (within **D+[5]** calendar days) – we will not process the 'missed Registration'
- Still require reconciliation from Switching Operator
- We have progressed these proposals whilst we wait for confirmation of which Registrations need to be set Live
- We are developing a system solution to generate the Registration in UKL in lieu of the Secure Active Notification from CSS
 - This should reduce risk of manual error in the process
 - Simulate the Secured Active Notification to enable UKL processes (e.g. association with Base Registration Notification) to remain as is

*** We are looking at applying the Registration in line with CSS dates for Initial Registrations (TBC)

Proposed Solution - Challenges

- If there are updates to the Supply Point from the current Shipper that have yet to become effective (e.g. future dated Capacity Changes; MRF Changes; Class Changes) these will be cancelled – this is a BAU process, we will not provide any further information to the incoming (prospective) Shipper
 - We expect that this is data related to the previous Shipper Supply Point so not required
 - If this is required, this will give us a Data Permission challenge to make a new set available to the ‘Community’ Shipper
- The UKL Registered Shipper has updated the Supply Point Register post the CSS Registration EFD – these will be retained in UKL (and will not be backed out)
 - If we need to provide the information related to these updates to the incoming (prospective) Shipper, we will need to identify the type of updates that are required to be provided and make reporting available
 - We have seen small numbers of accepted transactions but the type of transactions considered are:
 - Meter Readings (9); AQ Corrections (1); Class Change (1) and Meter Asset Updates (1)
 - Customer Contact Updates – if required, we could just flag that there has been an update, rather than content of update
 - If this is needed, suggest we agree release of this data explicitly through DPM
- The UKL system has rejected updates to the Supply Point Register post the CSS Registration EFD from the Prospective Incoming Shipper (i.e. CSS Registered Shipper)
 - Propose that we collate the rejected information and provide to the Incoming Shipper (to assist them to determine what activities they need to resend: MAM Updates (7); SMSO Update (3); Readings (12); Meter Asset Updates (7)
 - Propose we flag the Supply Meter Points where a Customer Contact Update has been rejected

Proposed Solution - Challenges

- Base Registration Nominations may be held in the system (these are valid for 60 days), but recommend that the Incoming Shipper generates a new BRN
 - This would supersede any BRNs in UKL and reduces risk of SP having incorrect Settlement data (or CDSP associating default Settlement data)
 - If not, we will use any valid (e.g. non expired) BRNs ... Note: BRNs may reject for other reasons – e.g. Capacity Reduction Window
 - Otherwise, we would use defaults as defined in UNC TPD G Annex G-1
- Propose NOT to suppress any UKL transactions associated with the Registration
 - Outgoing files will continue to be generated – e.g. BRR; ASN; TMC; URN
 - Incoming transactions would be allowed – e.g. Opening Meter Reads

Proposed Solution - Challenges

- An Opening and Closing Meter Read will be generated for the UKL Registration Effective Date
 - This will be issued to both Shippers as per BAU process
- We could insert an estimated Meter Reading for the CSS Registration Date
 - this would be a CYCL (i.e. not an Opening Reading) but would be beneficial for Reconciliation (if required) and potential settlement between Shippers / Suppliers
 - Note: if this requires replacement it would require the 'old' Shipper to replace (i.e. UKL Registered Shipper) and not the CSS Registered Shipper (and replacement would not lead to notification for the CSS Registered Shipper by UKL)
 - Note: would not be recorded with an explicit reason
 - Alternatively, Shippers / Suppliers could agree and insertion by 'old' Shipper?

Further Considerations

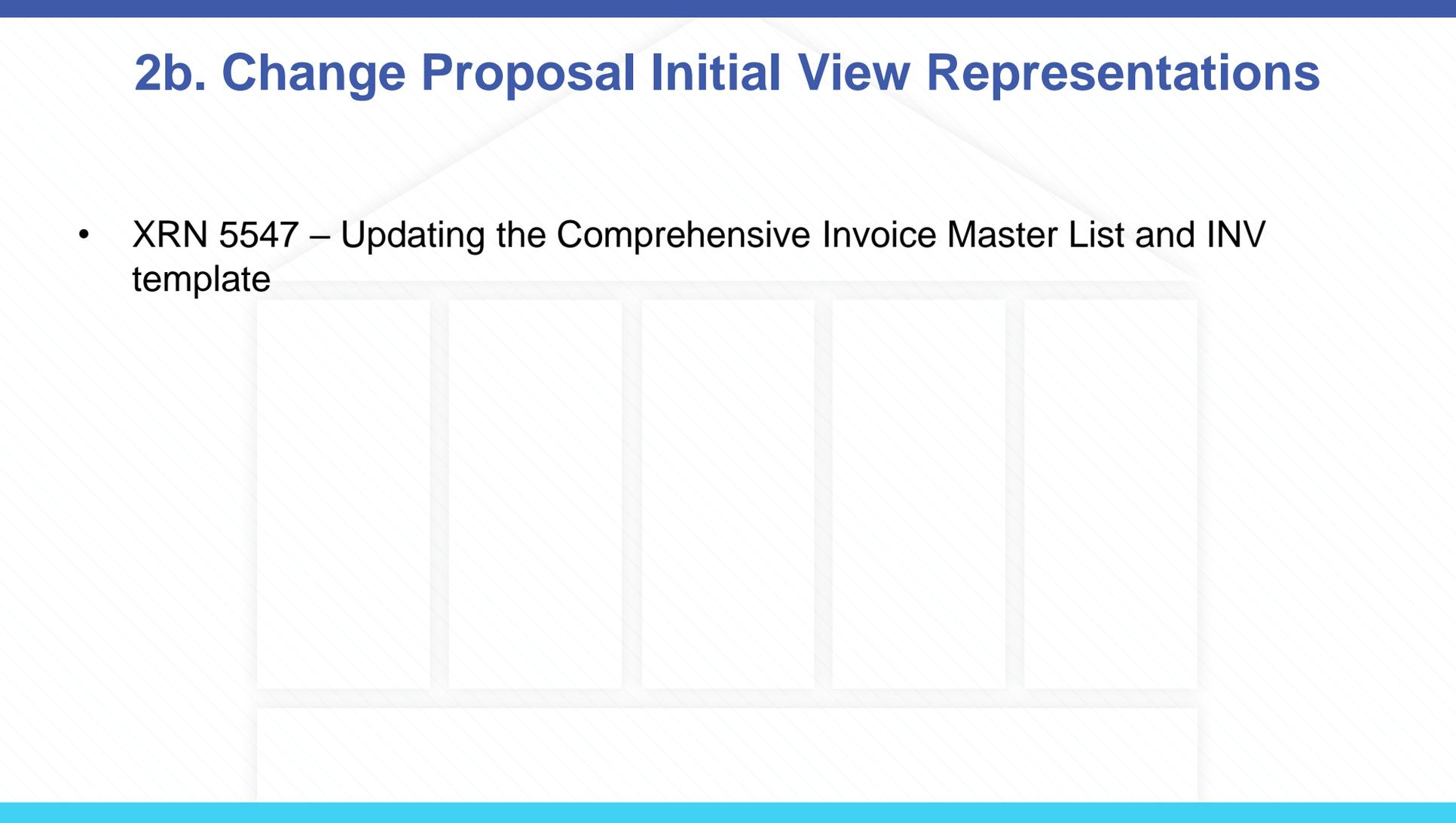
- Assessing Invoicing position
 - Materiality is not expected to be large
 - 164 impacted Supply Meter Points, of which 162 are SSP (noting 9 confirmed Registration cancellations)



2b. Change Proposal Initial View Representations

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- XRN 5547 – Updating the Comprehensive Invoice Master List and INV template



XRN5547 - Updating the Comprehensive Invoice Master List and INV template

- Change raised by Eon to review the list of Charge Types and invoice clauses used to ensure that the documentation contains the right level of information to properly support customers in processing the charges.
- The key objective is to support Shipper Users in processing charges correctly and, specifically, ensuring that VAT is accounted for correctly based on what the charge is. The change will also seek to review the document as a whole, in order to improve the clarity of information presented. The two key areas of this change are:
 1. The content and format of the Comprehensive Invoice Master List document
 2. Identification of Charge Types applicable for Domestic Reverse Charge (DRC) and associated clause wording
- Customer level requirements have been drafted, provided to the proposer, and submitted for impact assessment

XRN5547 – Customer Requirements

Req Id.	As a ... (Role)	I want... (Requirement)	So that... (End Result)	Acceptance Criteria	Priority (MoSCoW)	Commentary
EPIC	Shipper	I want all Charge Types and associated attributes to be clearly defined and reviewed at regular intervals	So that it is clear what is being charged for, I can account for VAT correctly and the information does not become out of date	<ul style="list-style-type: none"> - A clear definition of each Charge Type - Definition of all columns and the allowable values therein - Ratified VAT information - Charge Types subject to Domestic Reverse Charge (DRC) clearly identified - Invoice clause statements are reviewed, defined and published - Agreed and published document review process and schedule 	Must	
CR1.0	Shipper	I want each Charge Type to have a clear, "layman's", definition within the Comprehensive Invoice Master list	So that existing, and new industry parties, can understand what they are being charged for, how to allocate those charges within their organisation and that the VAT being applied is correct	<p>The Comprehensive Invoice Master list is updated to contain:</p> <ul style="list-style-type: none"> - Easy to understand descriptions - Descriptions are approved by the Charge Type owner 	Must	
CR1.1	Shipper	I want each data column to be clearly defined within the Comprehensive Invoice Master list	So that existing, and new industry parties, can understand what each data item means and if/how they should use them within their own internal processes	<p>The Comprehensive Invoice Master list is updated to contain:</p> <ul style="list-style-type: none"> - Each column is clearly defined as to what the data item is and what it means to the customer - All acronyms and abbreviations have the full wording available and defined 	Must	Potential to use a new tab in the document to include these definitions and could be linked to CR1.2
CR1.2	Shipper	I want each allowable value within data columns to be clearly defined within the Comprehensive Invoice Master list	So that existing, and new industry parties, can understand what each value means and if/how they should use them within their own internal processes	<p>The Comprehensive Invoice Master list is updated to contain:</p> <ul style="list-style-type: none"> - Each value is clearly defined as to what it is and what it means to the customer - All acronyms and abbreviations have the full wording available and defined 	Must	Potential to use a new tab in the document to include these definitions and could be linked to CR1.1
CR1.3	Shipper	I want the VAT requirement of each Charge Type within the Comprehensive Invoice Master list, to be reviewed and assured	So that I can be confident that the correct VAT is being applied and I know how to account for each Charge Type within my own estate	<p>The Comprehensive Invoice Master list is updated to contain:</p> <ul style="list-style-type: none"> - Audit information available at Charge Type and document levels showing when the item was last reviewed and how it was approved e.g. meeting, Change Pack, ad hoc communication 	Must	
CR1.4	Shipper	I want a Charge Category added to each Charge Type within the Comprehensive Invoice Master list, and aligned to VAT assignment	So that the VAT associated to each Charge Type can be reviewed at a summary level and used to support reviews either scheduled or ad hoc due to legislative change	<p>The Comprehensive Invoice Master list is updated to contain:</p> <ul style="list-style-type: none"> - New column added with defined list of values - Each value supports the VAT allocation for the Charge Type - Values assigned to each Charge Type, assured and approved 	Could	<ul style="list-style-type: none"> - A Could have/value add item however would support CR1.3 - Ideas of categories to support VAT could include, admin, commodity, compensation, transportation, penalty and link to whether the VAT applied is Applicable, Zero or the charge is Exempt

XRN5547 – Customer Requirements

Req Id.	As a... (Role)	I want... (Requirement)	So that... (End Result)	Acceptance Criteria	Priority (MoSCoW)	Commentary
CR1.5	Shipper	I want to be directed to appropriate training and supporting documentation from the Comprehensive Invoice Master list	So that there is easy, direct, access to support my understand of the charging and invoicing processes	The Comprehensive Invoice Master list is updated to contain: - Signposts to training area of Xoserve.com - Signposts to the charging statements section of Joint Office - Signposts to supporting information on CDSP owned Charge Types - Signposting to any other appropriate documentation - As this is an approved document links that may change regularly should not be included	Must	
CR1.6	Shipper	I want Charge Types that are subject to Domestic Reverse Charge (DRC) to be clearly flagged within the Comprehensive Invoice Master list	So that existing, and new industry parties, know which Charge Types should be processed through their internal DRC VAT process and meet HMRC obligations	The Comprehensive Invoice Master list is updated to contain: - An identifier against each Charge Type to account for whether it is subject to DRC or not	Must	Should CR3.0 be taken forward then accounting for the new VAT code within the Comprehensive Invoice Master list would satisfy this requirement
CR1.7	Shipper	I want explanatory notes within the Comprehensive Invoice Master list to define why a given Charge Type appears on each supporting data file	So that existing, and new industry parties, know which files each Charge Type could be present in, why and at what level so they can handle that detail correctly	The Comprehensive Invoice Master list is updated to contain: - A column per supporting data file, per Charge Type - Supporting information per above column as to what level that charge will be at e.g. Class 1 and 2, SSP or LSP - Signposting to appropriate file format documentation	Must	
CR1.8	Shipper	I want all clauses that can be used on invoices to be documented within the Comprehensive Invoice Master list	So that existing, and new industry parties, know which invoice types the clauses can be included on, when they will be included and why and what each one means	The Comprehensive Invoice Master list is updated to contain: - A list of the clause wordings - An associate ID or number if already used - Definition of the clause and reason for inclusion - What invoice types each can be present on - The trigger for inclusion (if there is one)	Must	
CR1.9	Shipper	I want the Comprehensive Invoice Master list to state if Charge Types are still active	So that existing, and new industry parties, know which Charge Types are for new/current charges and which can only be used in rectify/amend a previous invoice	The Comprehensive Invoice Master list is updated to contain: - An indicator to show if the Charge Type is live/active or included to cater for adjustment of historic charges	Should	

XRN5547 – Customer Requirements

Req Id.	As a ... (Role)	I want... (Requirement)	So that... (End Result)	Acceptance Criteria	Priority (MoSCoW)	Commentary
CR1.10	Shipper	I want details of when and why each Charge Type was added included in the Comprehensive Invoice Master list	So that existing, and new industry parties, understand when and why charges were introduced and help in finding additional information	The Comprehensive Invoice Master list is updated to contain: - Start/implementation date of Charge Type - Change reference that the charge was introduced under (include link to documentation on Xoserve.com) - Where introduced at Nexus the reference should reflect this	Could	Requirement could be met through improved version history/control as part of the new process
CR1.11	Shipper	I want the owner of the Charge Type to be included within the Comprehensive Invoice Master list	So that it is clear which organisation is responsible for the values associated to the Charge Type	The Comprehensive Invoice Master list is updated to contain: - Owning party e.g. DN, CDSP, NG	Should	
CR2.0	Shipper	I want the clause related to Domestic Reverse Charge (DRC) to be reviewed	So that a recommendation can be made to how it should be reworded to make more clear	- Clause wording reviewed by a VAT expert and recommendation made to update	Must	
CR2.1	Shipper	I want the wording of the clause related to Domestic Reverse Charge (DRC) to be updated in line with the recommendation from CR2.0	So that a clear message is included on the invoice that can be understood by the receiving customer	- Clause wording is updated - Updated Clause is utilised on the correct invoices	Must	
CR3.0	Shipper	I want Charge Types that are subject to Domestic Reverse Charge (DRC) to be clearly flagged within invoices (INV)	So that I can easily account for these within internal systems and ensure VAT is reordered and reported correctly	- Indicator within the exiting data items utilised to flag charge as DRC - The format of the INV, and any records within it, is not changed	Could	- This is the top end solution and, therefore, is not called out as a must have but a solution option is to be presented that delivers this - If this requirement is progressed by customers then it should be used to support CR1.6

XRN5547 – Customer Requirements

Req Id.	As a... (Role)	I want... (Requirement)	So that... (End Result)	Acceptance Criteria	Priority (MoSCoW)	Commentary
CR4.0	Shipper	I want a process to be documented and agreed to support a scheduled review of the Comprehensive Invoice Master list	So that the Comprehensive Invoice Master list is not allowed to become out of date and all stakeholders are satisfied that the configuration is correct	<ul style="list-style-type: none"> - Process is documented, shared with and approved by all stakeholders - RACI is documented to support the process - Output of review should be recorded for audit purposes e.g. date and approver/approval method 	Must	
CR4.1	Shipper	I want an ad hoc documented process to trigger a review should there be a legislative or regulatory change that may impact VAT	So that the VAT associated to each Charge Type can be reviewed and any potential changes or impacts be assessed	<ul style="list-style-type: none"> - Process is documented and shared with and approved by all stakeholders - RACI is documented to support the process - Output of review should be recorded for audit purposes e.g. date and approver/approval method 	Must	
CR4.2	Shipper	I want a process available to be able to challenge the VAT associated with a Charge Type	So that should a Charge Type appear to have the incorrect VAT associated to it this can be re-reviewed	<ul style="list-style-type: none"> - Process is documented and shared with and approved by all stakeholders - RACI is documented to support the process - Output of review should be recorded for audit purposes e.g. date and approver/approval method 	Must	
CR5.0	Customer	I want all existing functional and process input and output, outside of that specified in the requirements, to be unaffected by changes made to meet these objectives	interfaces, not changed to meet the objectives of the change, between external parties and the CDSP are unchanged, reducing the impact on our internal systems and processes	- Changes to functionality and/or process are only made to meet the objectives of the change	Must	Standard requirement to address functionality not consciously impacted by these requirements and that the expectation is that the result of any such functionality or process is unaffected by this change

XRN5547 – Next Steps

- Any comments are welcomed on the customer requirements presented
- The CDSP will continue the initial impact assessments based on them
- Lower-level internal CDSP requirements will be developed to meet the customer requirements
- High Level Solution Options (HLSO) will be generated and presented back to industry stakeholders



2c. Undergoing Solution Options Impact Assessment Review

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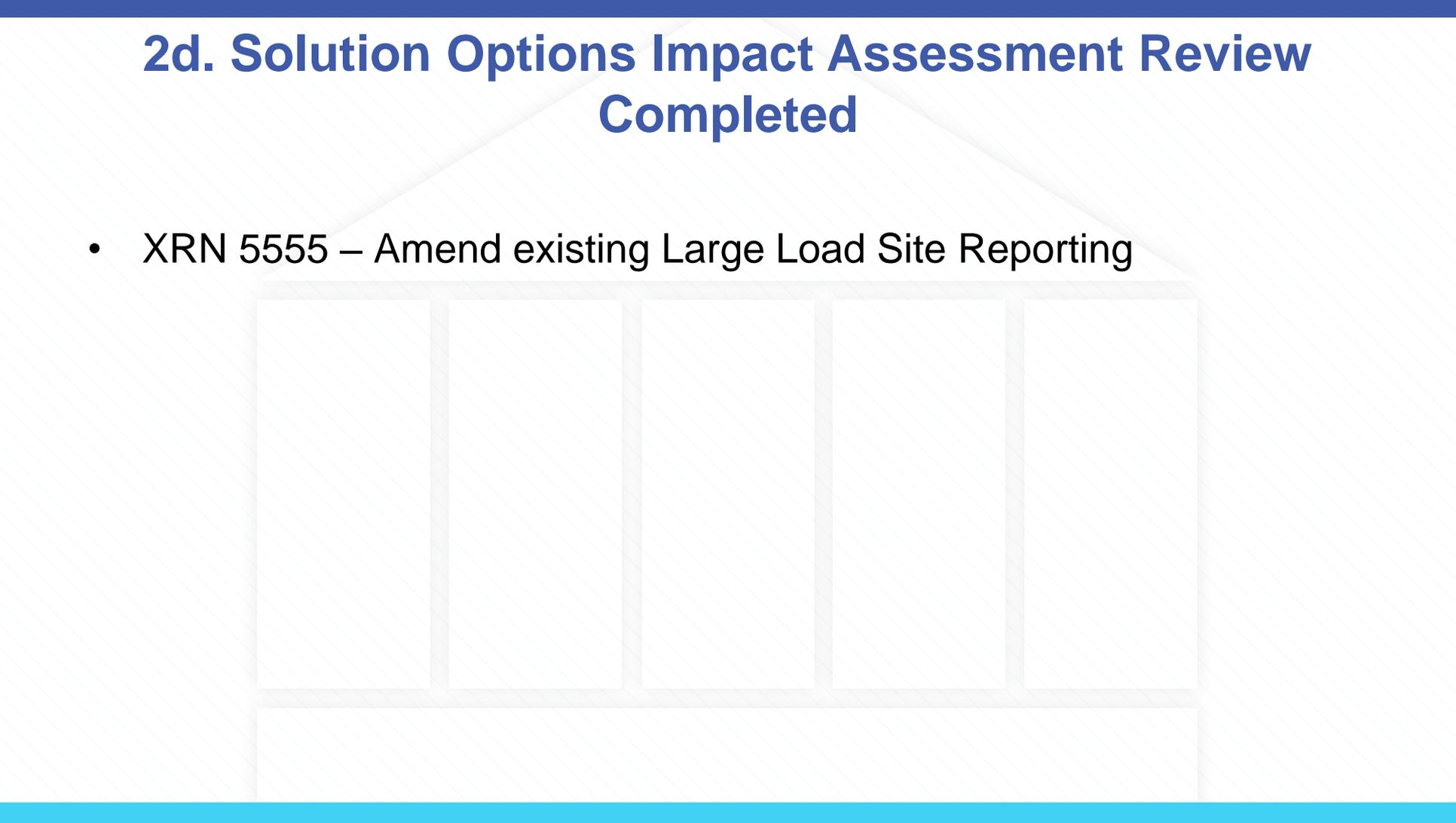
- None for this meeting.



**2d. Solution Options Impact Assessment
Review Completed**

2d. Solution Options Impact Assessment Review Completed

- XRN 5555 – Amend existing Large Load Site Reporting



XRN5555 - Overview

Amend existing Large Load Site Reporting

- At the request of SGN, Xoserve have been asked to modify an existing Distribution Network report, to ensure that it can provide details pertinent to individual Meter Point Reference Numbers for sites that offtake large loads from the Network.
- These 'Large Load Sites' are reported on a monthly basis to the respective Distribution Network, with the report being formatted in a traditional MS Excel tables and delivered via email to an agreed set of Distribution Network representatives.
- Currently the Large Load Site Report does not include the associated Meter Point Reference Number – In instances where multiple Meter and Meter Point Reference Number combinations exist for an associated Large Load Site the data is currently aggregated

XRN5555 –

Proposed Amendments to Large Load Site Report

New Column added to all tabs of Large Load Site Report

The Large Load Site Report will be de-aggregated, enabling data to be provided at Meter Point Reference Number level. This will result in additional rows of data being provided in the report where certain Large Load Sites are currently being reported in aggregate.

An additional column titled 'Meter Point Reference Number' (Highlighted below in Orange) will be included on each tab to allow this information to be included – this column will have been incorporated into the reporting specification as detailed in the below examples:

Tab 1 – Site List LDZ

Site	Site_Name	Meter Point Re	LDZ_Name	Street_Name	Town	County
TON	STARK TOWER	1111111	SC	Penny Lane	Birmingham	West Midlands
BRU	HULK AVENUE	2222222	SC	Abbey Road	Coventry	West Midlands
BLA	CK WIDOW LTD	3333333	SC	Albert Square	Warwick	West Midlands

Tab 2 – Firm Int Data LDZ

Site_ID	Site_Name	Meter Point Refe	LDZ_Name	Year	Month	Type	Energy
TON	STARK TOWER	1111111	SC	2022	11	FIRM	1600000
BRU	HULK AVENUE	2222222	SC	2022	11	FIRM	900000
BLA	CK WIDOW LTD	3333333	SC	2022	11	FIRM	20000

Tab 3 – All Data LDZ

Site_Id	Site_Name	Meter Point Reference Number	LDZ_Name	Year	Month	Firm	Int	Total
TON	STARK TOWER	1111111	SC	2022	11	1600000	0	1600000
BRU	HULK AVENUE	2222222	SC	2022	11	900000	0	900000
BLA	CK WIDOW LTD	3333333	SC	2022	11	200000	0	200000

*Values included in the report are for illustrative purposes only

XRN5555 – Next Steps

DN Consultation on Proposed Reporting Change

- The changes proposed to the current Large Load Site Report are currently out for Detailed Design Consultation via the December Change Pack
- DNs are asked to assess the proposed Detailed Design and provide their organisations views ahead of January ChMC where approval of the proposed Design is being sought.

Implementation and Funding

- Our aim is to deliver this change as soon as ready, post approval, and it will be present in the next available monthly iteration of the report from that point forwards.
- The implementation is currently targeted for January 2023, post approval of this Change Pack at Change Management Committee (ChMC).
- As such, no further communication will be issued regards implementation however a closure document will be issued to Change Management post implementation.
- Due to the size and nature of the proposed change, no additional funding is to be sought in order to complete the required work.



3. Changes in Detailed Design

3a. Requirements Considerations

- None for this meeting



4. Release/Project Updates

4. Release/Project Updates

- 4a. FWACV
- 4b. February 23 Major Release
- 4c. March 23 Adhoc Release



4a. FWACV Progress Update

XRN5231 Flow Weighted Average CV

December 2022 ChMC Dashboard	Overall Project RAG Status		
	Schedule	Risks and Issues	Cost
RAG Status			

Status Justification

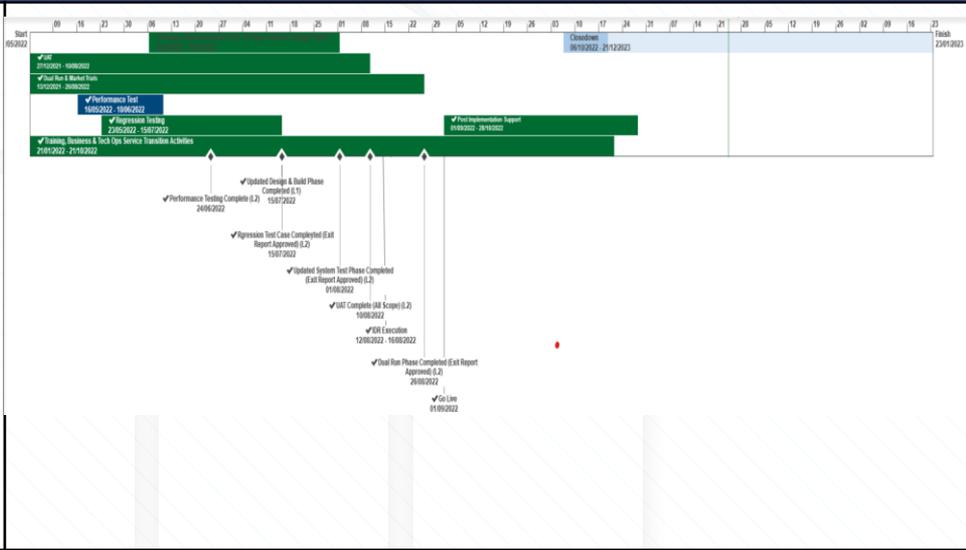
Schedule

Overall RAG status is tracking at **Green** as the FWACV service went live 1st September and monitoring and tracking of the service will continue for the remainder of PIS.

- Cutover and Transition plan presented to Project Focus Group on 12th July
- BER was approved at Change Management Committee on 13th July
- Successfully delivered the awareness session to DN's, positive feedback was obtained all round 27th July
- Dual Run/ Market Trials completed on 11th August
- Updated Design Change Pack Baselined and new version published to project stakeholders 17th August
- FWACV service went live on 1st September
- PIS commenced on the 1st September and till 28th October
- Completed handover to BAU 28th October

Next Steps:

- Commence Closedown activities and documentation
- The CP for FWACV 2 was presented at last month's CHMC, scope and requirements will now be progressed with the DNS



Risks and Issues

N/a

Cost

Forecasting costs within approved spend

Scope

XRN5231 Flow Weighted Average (CV)
Gemini consequential change parts A & B - A - PRCMS validation/processing & Part B - LDZ Stock Change and Embedded LDZ Unique Sites



4b. February 23 Major Release

XRN5533 – February 23 Major Release - Status Update

		Overall Project RAG Status		
		Schedule	Risks and Issues	Cost
RAG Status				
Status Justification				
Schedule	<p>Overall release is tracking on target; Green, UK Link system testing phase completed on 28/10 as per plan. Currently on track to complete user acceptance testing phase 08/12, with regression testing prep in progress and test execution commencing on 12/12</p> <p>Progress update:</p> <ul style="list-style-type: none"> UK Link system testing completed on 28/10 DDP build for XRN4990 in progress, delivery on track to complete by 20/01 User acceptance testing on track to complete 08/12 Regression testing preparation in progress, test case execution to commence on 12/12 <p>Decision in December ChMC: XRN5298 Detailed design change pack approval</p>	<p>The Gantt chart displays the project schedule from August 2022 to April 2023. Key tasks and their completion status are as follows:</p> <ul style="list-style-type: none"> Build Stage: Completed (blue bar, Aug '22 to Sep '22) UAT: On Track (green bar, Sep '22 to Oct '22) DDP Build: On Track (green bar, Oct '22 to Nov '22) UAT Testing: On Track (green bar, Nov '22 to Dec '22) PEN Testing: On Track (green bar, Dec '22 to Jan '23) Commissioning: On Track (green bar, Jan '23 to Feb '23) UAT: On Track (green bar, Feb '23 to Mar '23) UAT: On Track (green bar, Mar '23 to Apr '23) <p>Legend: Complete (blue), On Track (green), At Risk (yellow), Overdue (red). Today is marked in Nov '22.</p>		
Risks and Issues	<p>XRN5298: There is a risk that UNC Modification 0799 will not be approved, leading to delays in build activities or a need to rework the proposed solution being delivered under XRN5298 in its entirety. While ChMC approved the move to deliver this change at risk under the assumption that the MOD will be approved, any potential regret spend associated with this change should this not be the case increases as build activities continue to progress.</p> <p>Update – UNC799 was approved on 18/11/22. Detailed design change pack to be presented for approval in December ChMC</p>			
Cost	Forecast to complete delivery against approved BER			
Scope	<p>XRN4900 - Biomethane/Propane Reduction XRN4978 - Shipper - Notification of Rolling AQ Value XRN4989B - Residual AMT activities XRN4990 - MOD0664 – Transfer of Sites with Low Read Submission Performance from Class 2 and 3 into Class 4 XRN4992B - MOD0687 - Clarification of Supplier of Last Resort (SoLR) Cost Recovery Process - Inner for replacement reads and read insertions XRN5298 - H100 Fife Project – Hydrogen Network Trial</p>			



4c. March 23 Adhoc Release

XRN5575 – March 23 Adhoc Release - Status Update

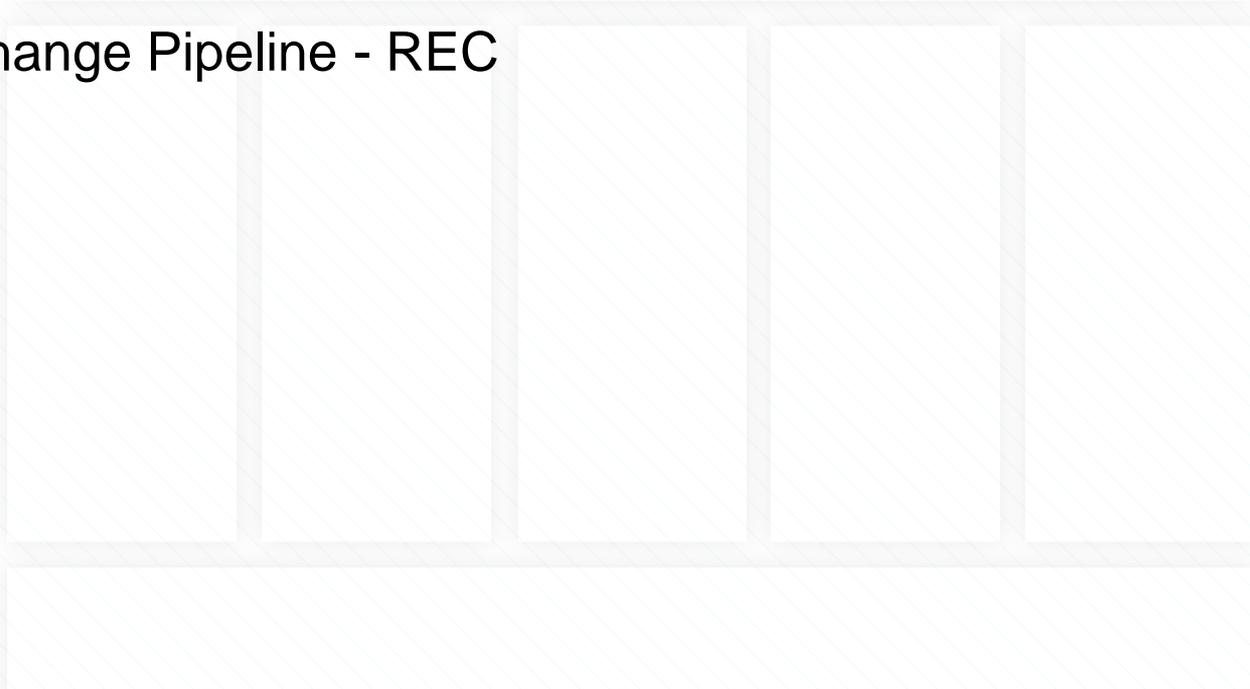
		Overall Project RAG Status		
		Schedule	Risks and Issues	Cost
RAG Status				
Status Justification				
Schedule	<p>Overall release is tracking at risk; Amber, Design phase continues for all three XRN's scoped for this release. Build due to commence from 28th November for 5379 and 5472 but this is at risk due to status of design. Return to green is completion of design as planned and approved detailed project plan for delivery including touch-points with DM and NDM service providers.</p> <p>Progress update:</p> <ul style="list-style-type: none"> Workshops to aide understanding of the changes, in lieu of design completion taking place Commenced engagement with the DM service provider for 5379 Project in startup and initiation phase including development of detailed project plan and project artefacts <p>Decision in December ChMC: None</p>	<p>Legend: ● Complete ● On Track ● At Risk ● Overdue</p>		
Risks and Issues	<p>68488 & 68489: The design has not yet completed for the changes in this release, therefore the aspirational build timescales are at risk</p> <p>68126: The NDM service provider (SP) is not yet agreed, until the NDM SP is engaged and plans shared there is a risk that plans will not align to validate end to end functionality before 1st April</p> <p>68498: The DM SP is agreed, but not yet fully engaged, until the DM SP is engaged and plans shared there is a risk that plans will not align to validate end to end functionality before 1st April</p>			
Cost	Forecast to complete delivery against approved BER			
Scope	<p>XRN5143 - Transfer of NDM sampling obligations from Cadent, WWU, and NGN to the CDSP</p> <p>XRN5379 - Class 1 Read Service Procurement Exercise (Modification 0710)</p> <p>XRN5472 - Creation of a UK Link API to consume daily weather data for Demand Estimation processes</p>			



5. Change Pipeline

5. Change Pipeline

- 5a. Change Pipeline
- 5b. Change Pipeline - REC



Change Delivery Pipeline

August 22 – December 23

July 22

November 22

February 23

June 23

November 23

CSSC Go-Live

No Major Release

February 23 - Major Release (XRN5533)

XRN4900, XRN4978, XRN4990, XRN4989, XRN4992b, XRN5298

XRN5565

March 23 - AdHoc Release (XRN5575)

XRN5379, XRN5143, XRN5472

XRN5231

June 23 - Major Release (XRN5562)

XRN5091, XRN5186, XRN5482 (tbc)

XRN5529

XRN5561

November 23 – Major Release

XRN5515

XRN5236

XRN5541

XRN5469

XRN5573A

XRN4713

Delivery Key

 = Firm Implementation Date – Funding Approved by ChMC and / or Non-Negotiable Industry Implementation Date in place

 = Indicative Implementation Date – Changes are scoped for delivery – Funding and Implementation Date not yet approved by ChMC

 = Delivered on Target Implementation Date

Change Pipeline - Delivery Plan - July 2022 - February 2023

XRN	Change Title	Proposer	Benefit / Impact	Funding	HLSO Max Cost	Target Implementation Date	Release Type	Delivered / Firm / Indicative
5515	HyDeploy Close Down	NGN	Shipper DN	DN DeCarb	N/A	18 th July 2022	AdHoc	Delivered
5231	FWACV Service – MOD 0793S	SGN	DN NG	DN NG	£1.198m	1 st September 22	AdHoc	Delivered
5529	UNC Derogation process – MOD 0800	NGN	N/A	N/A	N/A	1 st October 22	N/A	Delivered
5565	CDSP as the Scheme Administrator for the Energy Price Guarantee for Domestic Gas Consumers – MOD 0824	NGN	Shipper	Shipper	£1m – 1.5m	1 st October 22	AdHoc	Delivered
5469	Increase Frequency of FSG Payments	Cadent	DN	DN	£63.3k	3 rd October 22	AdHoc	Delivered
5561	Reform of Gas Demand Side Response (DSR) Arrangements – MOD 0822U	National Grid	NGT Shipper	NGT	N/A	17 th October 22	AdHoc	Delivered
5236	Reporting Valid Confirmed Theft of Gas in central systems – MOD 0734	Gazprom	Shipper	Shipper	£74k	Oct / Nov 22	CMS Rebuild Release 1	Delivered (Not Live)
4713	Actual read following estimated transfer read calculating AQ of 1	Npower	Shipper	Shipper	£7k	December 22	AdHoc	Indicative
5541	Amendments to the UIG Additional National Data Reporting	Scottish Power	Shipper	Shipper	N/A	23 rd December 22	AdHoc	Indicative
4900	Biomethane/Propane Reduction	SGN	Shipper DN	DN Decarb	N/A	25 th February 23	Major	Firm
4978	Notification of Rolling AQ Value (following Transfer of Ownership between M-5 and M)	British Gas	Shipper	Shipper	£90.6k	25 th February 23	Major	Firm
4990	Transfer of Sites with Low Read Submission Performance from Class 2 and 3 into Class 4 – MOD 0664	SSE	Shipper	Shipper	£232k	25 th February 23	Major	Firm
4989	Residual AMT activities	CDSP	Shipper	Shipper	N/A	25 th February 23	Major	Firm
4992	XRN4992 - Modification 0687 Clarification of Supplier of Last Resort (SoLR) Cost Recovery Process	Total	Shipper DN	Shipper DNO	£108.7k	25 th February 23	Major	Firm
5298	H100 Fife Project – Hydrogen Network Trial	SGN	Shipper DN	DN Decarb	N/A	25 th February 23	Major	Firm

Change Pipeline

March 2023 – June 2023

XRN	Change Title	Proposer	Benefit / Impact	Funding	HLSO Max Cost	Target Implementation Date	Release Type	Firm / Indicative
5379	Class 1 Read Service Procurement Exercise - MOD0710 (DM Sampling)	Xoserve	Shipper DN	Shipper	£150k	March 23	AdHoc	Firm
5143	Transfer of NDM sampling obligations from Cadent, WWU, and NGN to the CDSP	Cadent	DN	WWU, Cadent, NGN only	£75k	March 23	AdHoc	Firm
5472	Creation of a UK Link API to consume daily weather data for Demand Estimation	CDSP	Shipper DN	Shipper DN	£75k	March 23	AdHoc	Firm
5091	Deferral of creation of Class change reads at transfer of ownership	EDF	Shipper	Shipper	£200k	June 23	Major	Indicative
5186	MOD0701 - Aligning Capacity booking under the UNC and arrangements set out in relevant NEXAs	NGN	Shipper DN	Shipper DN	£200k	June 23	Major	Indicative
5482	Replacement of reads associated to a meter asset technical details change or update (RGMA)	Scottish Power	Shipper	Shipper	£300k	June 23 (tbc)	Major	Indicative

Change Backlog Details - Continued

XRN	Change Title	Proposer	Benefit / Impact	Funding	HLSO Max Cost	Target Implementation Date	Release Type	Firm / Indicative
5316	Rejecting Pre LIS Replacement Reads	Xoserve	Shipper	N/A	N/A	Tbc	Tbc	N/A
5454	SoLR Reporting Suite	EDF	Shipper	Shipper	Tbc	Tbc	Tbc	N/A
5531	Hydrogen Village Trial	SGN	All DSC Customers	DN Decarb	Tbc	Tbc	Tbc	N/A
5535	Processing of CSS Switch Requests Received in 'Time Period 5'	Xoserve	All DSC Customers	Shipper	Tbc	Tbc	Tbc	N/A
5545	Hydrogen Trial Visualisation Dashboard	Northern Gas	All DSC Customers	DN Decarb	Tbc	Tbc	Tbc	N/A
5546	Resolution of Address Interactions between DCC and CDSP	Xoserve	DN IGT Shipper	Shipper	Tbc	Tbc	Tbc	N/A
5547	Updating the Comprehensive Invoice Master List and INV template	Eon	Shipper DN	Shipper	Tbc	February 2023	Tbc	N/A
5555	Amend existing Large Load Site Reporting	SGN	DN	DN	Tbc	Tbc	Tbc	N/A
5567	Implementation of Resend Functionality for Messages from CSS to GRDA (REC CP R0067)	Xoserve	All DSC Customers	Shipper	Tbc	Tbc	Tbc	N/A
5569	Contact Data Provision for IGT Customers	BUUK	IGT	IGT	Tbc	Tbc	Tbc	N/A
5573	Updates to the Priority Consumer process (as designated by the Secretary of State for Business, Energy, and Industrial Strategy - BEIS) – Urgent	Xoserve	All DSC Customers	Part A – N/A Part B - Tbc	Part A – N/A Part B - Tbc	Part A - October 2022 Part B - Tbc	Part A – AdHoc Part B - Tbc	Part A – Firm Part B – N/A
5584	Procurement of Climate Change Methodology for Demand Estimation Purposes	Xoserve	DN Shipper	DN Shipper	Tbc	Mid 2023	AdHoc	Indicative
5585	Flow Weighted Average Calorific Value - Phase 2 Service Improvements	Cadent	DN	DN	Tbc	Tbc	Tbc	N/A

Change Backlog – On Hold Details

XRN	Change Title	Proposer	Benefit / Impact	Funding	HLSO Max Cost	Target Implementation Date	Release Type	Firm / Indicative
4914	*Mod0651 – Retrospective Data Update Provisions*	Cadent	Shipper DN	Tbc	£1.8m – £2.4m	Tbc	Major	N/A
5144	Enabling Re-assignment of Supplier Short Codes to Implement Supplier of Last Resort Directions	Xoserve	Shipper DN IGT	Tbc	Tbc	Tbc	Tbc	N/A
5187	MOD0696 - Addressing inequities between Capacity booking under the UNC and arrangements set out in relevant NEXAs	Gazprom	Shipper DN	Shipper DN	Tbc	Tbc	Tbc	N/A
5345	Deferral of creation of Class change reads for DM to NDM and NDM to DM sites at Transfer	CDSP	Xoserve	Shipper	Tbc	Tbc	Tbc	N/A
5453	GSOS 2, 3 & 13 Payment Automation	SGN	Shipper DN	DN	Tbc	Tbc	Tbc	N/A
5471	DSC Core Customer Access to Data	CDSP	Shipper DN IGT	IGT Shipper DN	Tbc	Tbc	Tbc	N/A
5473	Meter Asset Details Proactive Management Service	CDSP	Shipper	Shipper	Tbc	Tbc	Tbc	N/A

*Mod0651 : 28.11.22 - Change Status remains on hold and will be reviewed on a monthly basis with ChMC – in line with request from UNCC



REC Change

December 2022

Introduction

The following 5 slides have been included in this months ChMC pack to give you an overview of the ongoing REC Changes, we have broken these down into the following sections:

- In progress – we are currently progressing through the Change journey
- Under Prioritisation Review with Code Managers – due to workload/prioritisation

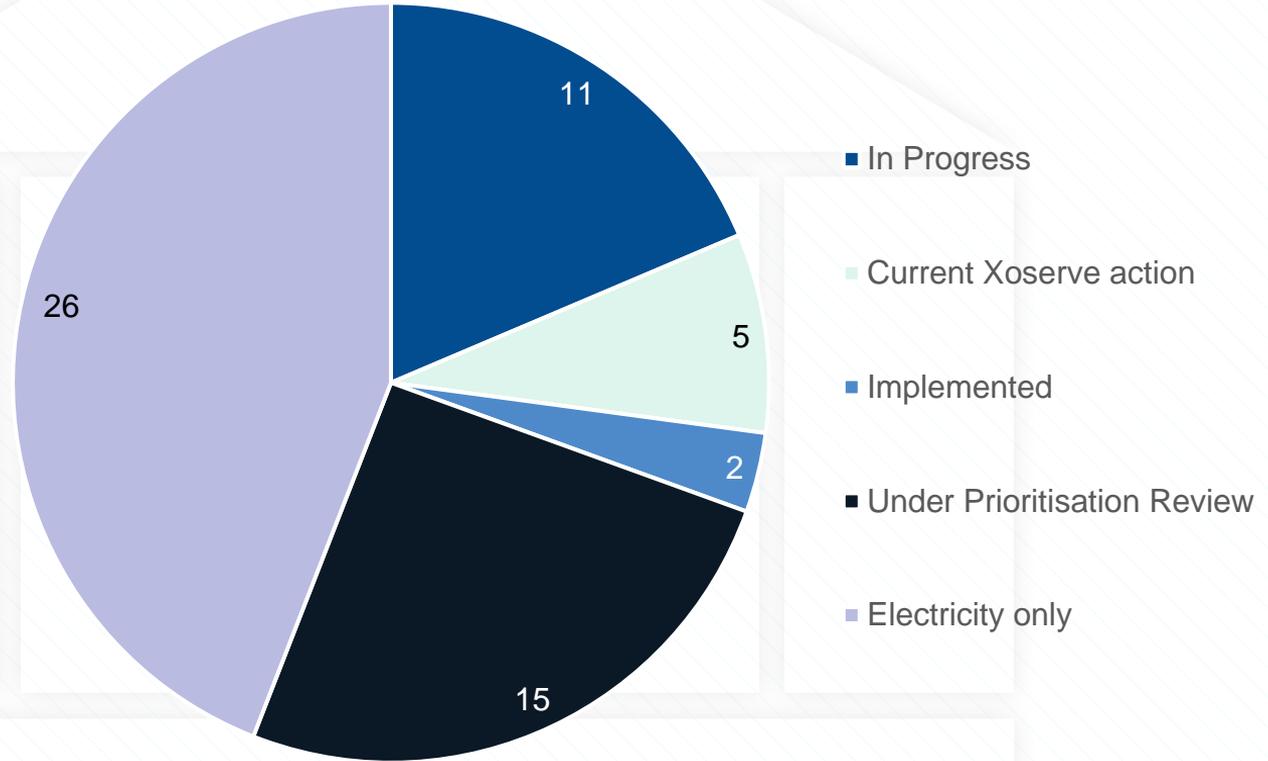
There are 2 additional slides showing all Electricity related Changes which we are monitoring for visibility, these have been included in the appendix

Note: In the New Year, we will be undertaking a review of all REC Change and as a result, will stop monitoring and remove from this pack any Changes that have no impact to Gas services. This will be largely, but not limited to Electricity Change. We will advise the Committee of which Changes we will be excluding.

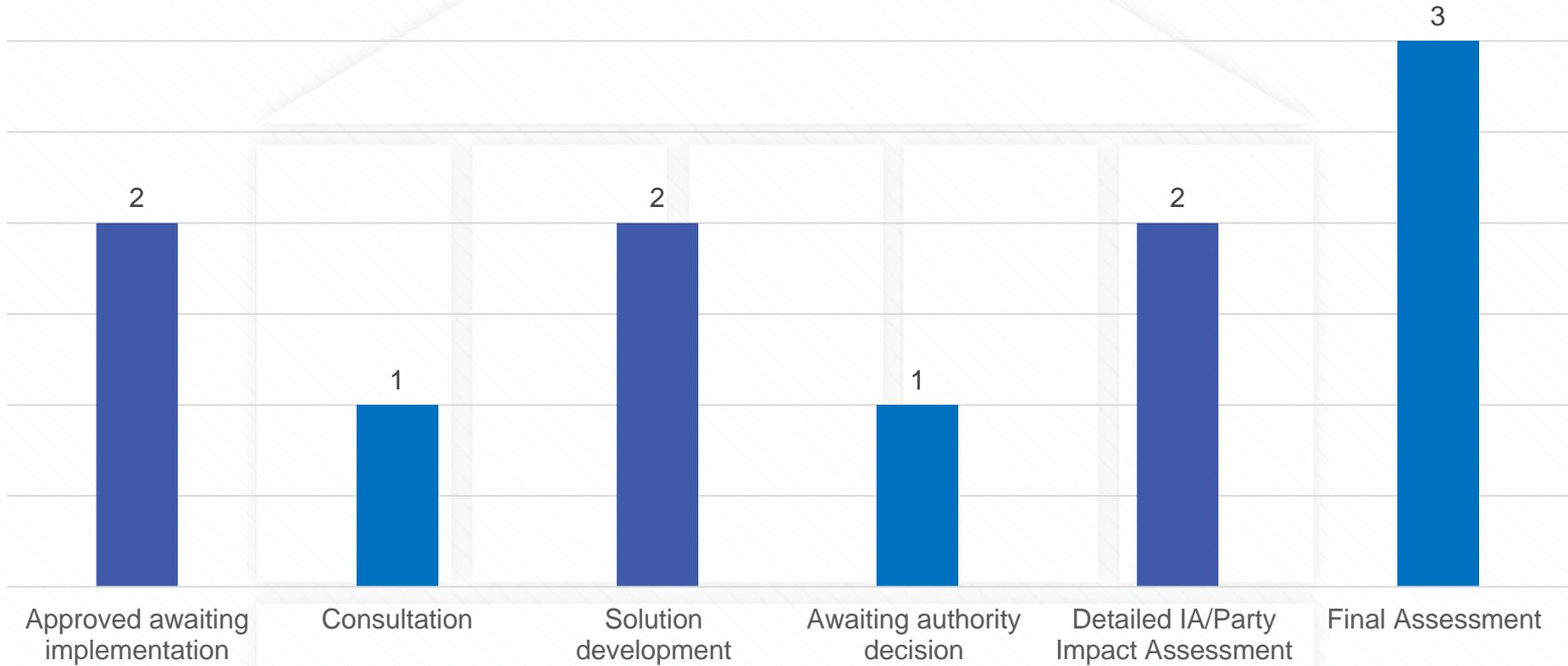
Further information on the Changes can be found on the [REC Portal](#)

Overview of REC Changes (high level)

**Total count of
current REC
Change:
59**



Overview of In progress REC Changes (high level)



REC Change Pipeline – In progress

Title	Description	XRN	Proposer	Impact/ Funding	Status	Next Action date	Release Type	Priority
R0016	Resolution of Bilateral Erroneous Transfers	N/A	Ben Atkinson	-	Solution development	21/12/2022 – Review at Change panel	TBC	Low
R0021	Allowing REC accredited MEMs to de-energise and re-energise supply points independent of the Supplier	N/A	Gemserv (RPS)	-	Awaiting Authority Decision	30/06/2023 – Proposed Implementation date	Major	Medium
R0025	Service Provider Performance Charges (DCC)	N/A	Deloitte (RPA)	TBC	Consultation	06/12/2022 – Consultation closeout	TBC	High
R0030	Erroneous Transfer Cancellations	N/A	Scottish Power	-	Approved - awaiting implementation	30/06/2023 – Proposed Implementation date	Major	Low
R0033	Micro-business Smart Meter Installation Reports	N/A	EDF Energy	-	Implemented	04/11/2022 – Confirmed Implementation date	Standalone	Low
R0036	Extensive Housekeeping Amendments	N/A	Gemserv (RPS)	-	Implemented	04/11/2022 – Confirmed Implementation date	Standalone	Medium
R0037	Prepayment Credit Balance & Debt Transfer Processes	N/A	Utilita Energy Ltd	-	Solution development	17/01/2022 – Change proposal plan to be updated	TBC	Low

Key:



Currently working on



Under assessment

REC Change Pipeline – In progress

Title	Description	XRN	Proposer	Impact/ Funding	Status	Next Action date	Release Type	Priority
R0047	Metering Code of Practice Consolidation Review	N/A	RECCo	-	Approved - awaiting implementation	01/04/2023 – Proposed Implementation date	TBC	High
R0052	GES Service Definition Document	N/A	Deloitte	GES	Final Assessment	24/02/2023 – Proposed Implementation date	Major	Medium
R0055	Switching Operator Outage Notification Lead Time	XRN 5595	DCC	GRDS, GES	Final Assessment	24/02/2023 – Proposed Implementation date	Major	Medium
R0067	Introduction of CSS refresh functionality	XRN 5567	Capgemini (RTS)	GRDS	Party Impact Assessment	09/12/2022 – Response deadline	Standalone	High
R0070	Provision of Enduring Test Environments	N/A	Capgemini	GES	Final Assessment – Environment delivered	30/11/2022 – Review	Standalone	High
R0074	Release of Community View Data Items to MEMS in GES	N/A	Xoserve	GES	Party Impact Assessment	19/12/2022 – Response deadline	Major	High

Please note: This is a working document and therefore some of the dates and actions may have progressed since the slides were created

Key:



Currently working on



Under assessment

REC Change Pipeline – Under Prioritisation Review

Title	Description	Status	Next Action date
R0006	Missing Meter Technical Details	Initial Assessment	Reviewed weekly – Awaiting instruction from REC Code Manager to progress
R0049	Intellectual Property Rights and Services Data Main Body changes	Initial Assessment	
R0050	Clarification of REC Maintenance of Qualification Schedule	Initial Assessment	
R0051	Switch Request Objections (Change of Occupier)	Initial Assessment	
R0056	EES/GES additional service request for Housing Ass to be added to the Matrix	Initial Assessment	
R0059	Maintenance of Qualification Schedule Change	Initial Assessment	
R0061	Resolution of invalid CSS data by Data Owners	Initial Assessment	
R0063	Addition of key information to all Service Now tickets	Initial Assessment	
R0068	REC Data Protection Changes	Initial Assessment	
R0069	Amendments to Sample Access Agreement	Initial Assessment	
R0071	DCC access to EES and GES	Initial Assessment	
R0073	Introduction of a Housekeeping Change Proposal Process	Initial Assessment	
R0075	Enabling Software Product Qualification	Initial Assessment	
R0080	Improvements to "Failed to deliver" CSS messages	Initial Assessment	
R0081	CSS Market message retry strategy	Initial Assessment	

REC Change Pipeline Electric only - Monitoring

Title	Description	Status
R0009	Introduction of SDEP and EES User Maintenance API	<p>These changes are specific for Electric only. We will continue to monitor should any of the Changes have a knock on impact to GES or the CDSP.</p>
R0010	New Meter Types for Auxiliary Proportional Controllers (APCs)	
R0011	Reporting of Additional EMR Backing Data to Suppliers	
R0017	Invalid Requests for Site Technical Details	
R0018	Complex Sites process improvements	
R0022	Amendment to REC Data Access Matrix	
R0026	Whole current (WC)/Current Transformer (CT) certificates	
R0027	Minimum identification requirements in the Meter Operation Code of Practice	
R0031	Altering the Trigger Points for CT Commissioning	
R0032	New Registration data items and processes to support the transition to Market-wide Half-Hourly Settlement (MHHS)	
R0040	CSS Switch Synchronisation to ERDA at SecuredActive	
R0043	Commissioning of Works by the Crowded Meter Room Coordinator (CMRC) to Resolve Issues In Crowded Meter Rooms	
R0044	MHHS Programme Changes required to Central Switching Service	

REC Change Pipeline Electric only - Monitoring

Title	Description	Status
R0053	24/7 Emergency Metering Service	<p>These changes are specific for Electric only. We will continue to monitor should any of the changes have a knock on impact to GES or the CDSP.</p>
R0054	EES Access for Virtual Lead Parties	
R0060	ERDS Service Definition timezone correction	
R0062	Removal of ERDA meteringPointEnergyFlow change restriction	
R0064	Creating a Meter Operator Agent and MOCOP Installer	
R0065	Registration of Smart Export Guarantee (SEG) Sites	
R0066	Inclusion of SMRS Data Items In EES (BSC CP 1568 Consequential change)	
R0072	Introduction of a new Meter Asset Condition Code	
R0076	DNOs notifying Suppliers about Crossed Meters	
R0077	Resolution of EES API Search Address method discrepancies	
R0078	EMR Settlement Limited - additional access to ECOES	
R0079	Addition of Previous MEM to the EES API	
N/A	MHHS Supply Number Consultation	



6. AOB



Annex – For Information



7. DSC Change Management Committee Update

ChMC 07.12.22 Meeting

Change Management Committee Update – 07.12.22

ChMC Meeting



Microsoft Edge
PDF Document



8. DSG Defect Summary



DSG

Defect Summary



DSG

Defect Summary
Report for December 2022

Defect Summary Stats

As per RTC extract taken on Mon 5th December 2022 at 12:30pm

Defect Landscape (Open/Closed vrs
PGL/New)

	Newly Discovered Defects						TOTAL	GRAND RELEASE TOTALS
	D1	D2	D3	D4	D5	Not Set		
Urgent Fix (D1/D2)	0	0	0	0	0	0	0	0
r7.35	0	0	0	0	0	0	0	0
On Hold	0	0	0	7	1	0	8	8
Requires CR	0	0	0	0	0	0	0	0
Release Planning	0	0	0	0	0	0	0	0
Future Release Dependent	0	0	0	0	0	0	0	0
Currently Unallocated	0	0	3	46	0	34	83	83
TOTAL OPEN	0	0	3	53	1	34	91	91
Resolved	9	227	599	689	28	21	1573	1711
Fix Deployed - Pending Data Correction	0	0	0	0	0	0	0	0
TOTAL CLOSED	9	227	599	689	28	21	1573	1711
GRAND TOTAL	9	227	602	742	29	55	1664	1802

Closed Defects between 1st Nov & 30th Nov 2022

Defect ID (RTC)	Deployed/ Closed on	Description	Amendment Invoice Impacting
68164	Resolved	(BW) Proactive / SAP / BW / Ticket Request: Rpt_Id_291_Network_Throughput_Data_Weekly_Reports	No
67887	Resolved	(BW) Proactive / UK Link / RGMA / RGMA latest reads not displaying with DES correctly	No
67567	Resolved	BW : GSV Shipper report is not Scheduled	No

Amendment Invoice Impacting Defects - Open

Defect ID	Status	Primary Business Process	Description
68473	DRS In Progress	Metering	For NDM sites when class change replacement read is loaded prior to estimated class change+ shipper transfer read, next volume & next read date is not populated
68453	DRS In Progress	RGMA	Class 1 & 2 - Energy and Volume is copying to commodity profiles for Greenfield back billing scenarios
68449	DRS In Progress	RGMA	Class 1 & 2 - Incorrect Commodity Billing for Brownfield back billing scenario
68376	DRS Completed	RGMA	UKLP: SAP: RGMA: Volume and energy populated incorrect for RGMA final read
68374	DRS Completed	Metering	RGMA D+6/D+10 scenario Estimate got same read as previous
68370	DRS Completed	Metering	LD01 resolution process does not work when switch involves class change from 4 to 3
68344	Ready for Internal Testing	Metering	REC flag is immediately updated after uploading a Replacement read on class 3 start date (class change from class 2 to class 3)
68343	DRS Completed	Metering	Effective TTZ is not getting calculated correctly for NDM prime sites as per XRN5072 logic.
68342	DRS Completed	Metering	Reads under EUC band are processed in incorrect manner for Class 3 prime sites
68340	Ready for Internal Testing	Metering	Incorrect volume/energy is populated for FINX read loaded after estimated transfer reads due to the last actual read being an inserted/replaced actual read

Amendment Invoice Impacting Defects - Open

Defect ID	Status	Primary Business Process	Description
68266	Ready for Internal Testing	Metering	Duplicate site visit read is being accepted for same date in NDM sites causing the original site visit read with correct volume/energy to be set to inactive
68180	DRS Completed	Metering	Incorrect volume calculation for class 3 sites between class change date and first cyclic read received post class change to class 3 for Meter-Corrector sites
68059	DRS Completed	Metering	Auto-resolution of LD01 exception fails for prime sites when Shipper transfer occurs on D date and LDZ change occurs on D-1 date
67938	UAT Execution	Metering	Incorrect volume/energy is calculated for actual read loaded after estimated transfer read due to the last actual read on the site being an inserted actual read
67319	UAT Execution	Metering	When a Site Visit read is inserted between 2 actual reads in DM sites, the Site Visit read insert is not populating next read date in SFN table
67274	Ready for Internal Testing	Metering	In class 4 site CA is not getting applied from CMS end for one day and In class 2 site CA is not getting applied where adjustment end date is Shipper end date.
66624	Awaiting CAB	Metering	When Shipper transfer is performed for a Prime site on D date and read is submitted by the outgoing shipper on D-1 day, the read is incorrectly loaded as an ACTIVE read
66623	DRS Completed	Metering	In Class 4 Prime-sub sites, When Shipper transfer is performed for sub site on D date followed by loading an actual read through read submission(RD1) file ,within transfer window(D to D+5), the transfer read estimation is not getting triggered
64731	Awaiting CAB	RGMA	SAP - RGMA: Transfer reads created incorrectly as non-opening read instead of opening & closing read. Rec and billing impact for Class 4 sites.
63690	Ready for Internal Testing	Metering	Issue with the Class change re-estimation; whenever the previous Class is either Class 3 or 4, and the Read is received in the Class 2 period, the Class change estimated Read on the Class 2 start date does not get updated



9. Portfolio Delivery

9. Portfolio Delivery Overview POAP

- The POAP is available [here](#).

