



Meter Read
Service Improvements

Information Update - ChMC





XRNs 6081.A & 6081.C Fix Historic NDM Check to Check Reconciliation Periods - Tactical & Enduring Solutions

Background

For Class 3 and 4 sites with AMR equipment, the system should perform Check to Check (C2C) reconciliation when a site visit or RGMA actual read is received. This reconciliation must be based on the prevailing consumption which can be:

- Deemed allocated position (if no reads exist)
- Actual consumption (if readings exist),
- A combination of both (if partial readings exist).

Current system logic always uses the deemed allocated volume/energy, ignoring actual readings – this does not align with UNC Section E6.2

Issue

The system to consider both deemed and actual consumption when performing C2C reconciliation as applicable and align with UNC Section E6.2, ensuring reconciliations are based on actual usage where data is available.

Impacts

- The current process miscalculates reconciliations and causes incorrect energy volumes to flow into UIG (Unidentified Gas) in case of re-reconciliation.
- Invoice charges do not reflect true consumption.
- The system logic is not aligned to UNC rules.
- Invoicing teams face growing volumes of queries and are manually correcting consumption via adjustments.

Benefits

- Accurate, first-time billing.
- Correct energy allocation into UIG.
- UNC compliance — reconciliations reflect prevailing consumption.
- Reduced Shipper queries and faster resolution.
- Reduced manual intervention for both CDSP and Shipper customers.

Update

XRN6081.A has been approved into the scope of MiR16 & is due for implementation on 14th August; XRN 6081.C was approved into the scope of November Major Release, however, concerns were raised at the cost associated with this change & the funding split. An internal review has now taken place, & there is an option to extend the tactical solution into an enduring solution, as detailed over the next few slides.

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Current process:

- The current C2C reconciliation process calculates a unique Reconciliation Factor (Rec Factor) for each individual reconciliation period within the overall C2C period.
- Individual reconciliation periods are created when actual or estimated meter reads are received or generated.
- It is identified that for all instances of a C2C reconciliation, **the "prevailing" consumption is always considered to be the deemed energy**, which is incorrect for re-reconciliations, and non compliant with UNC.
- As a result, Check Read energy is being prorated on an estimated consumption profile and not the actual consumption profile, which may result in over/under charging the Customer.
- Where any individual reconciliation period has a recorded consumption value of zero, a divide-by-zero error occurs and an MN09 exception is raised.
- Under the exception resolution process introduced by XNR5007 (Correction in the reconciliation process when volume is zero), an associated MD09 exception is also created.
- The MD09 records the reason for the exception, including the affected reconciliation period, and the process uses the invoiced commodity estimated consumption as the prevailing value when calculating the individual Rec Factor.

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Proposed Process (6081.C)

- The changes proposed under XRN 6081.C remove the requirement to calculate a Rec Factor for each individual reconciliation period.
- Instead, the Rec Factor is calculated across the entire C2C reconciliation period. Also there will be changes to utilise the correct prevailing energy position for each C2C reconciliation to ensure compliance with UNC.
- An MN09 exception, together with the associated MD09 exception, will only be generated where the prevailing consumption for the whole reconciliation period is zero.
- In most cases, it is unlikely that an actual meter read and a site visit read will be recorded on the same day, or that a site visit read will be inserted between two existing reads.
- Consequently, the prevailing consumption between the last recorded read and the site visit read will typically be derived from commodity consumption and therefore will not be zero. As a result, it is expected that the number of MN09 and MD09 exceptions will reduce under the proposed XRN 6081.C approach.

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If XRN6081.C is not implemented:

- The C2C reconciliation calculation and billing process will remain non-compliant with UNC requirements and any affected reconciliations will need to be identified and corrected by the Operations team proactively using the interim automation solution delivered as part of Minor Release 16 in August 2026 (XRN 6081.A)
- The existing exception handling process introduced under XRN5007 will continue unchanged. The MN09 exception is generated where there are data issues as well as a divide by zero error, however where the later is identified, the correction and creation of the MD09 exception is an automated solution, replacing the zero consumption with the original commodity estimated consumption and recording the activity in the MD09 exception.

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XRN 6081.A as enduring solution benefit summary

Benefit	Achieved	Comment
Accurate, first-time billing	N	Adjustment notification required via workaround
Correct energy allocation into UIG	Y	Achieved via workaround
UNC compliance — reconciliations reflect prevailing consumption	N	System remains non-compliant
Reduced Shipper queries and faster resolution	Y	
Reduced manual intervention for both CDSP and Shipper customers	Y	
Reduced MN09/MD09 Exceptions	N	

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Next Steps:

A Benefits review is also underway for all of the remaining Meter Reading Service Improvements (see below), with an update to shared at next months ChMC .

Part	Title	Delivery Approach
6081.A	Fix Historic NDM Check to Check Reconciliation Periods - Tactical Solution	MiR16
6081.B	Reconciliation of Multiple Read Replacements – Historic Reporting and Tactical Solution	MiR17
6081.C	NDM Check to Check Reconciliation – Enduring Solution	Nov 26 Major Release
6081.D	Reconciliation of Multiple Read Replacements – Enduring Solution	TBC
6081.E	Read Inserted Prior Expected Class 4 Opening Read - Volume and Energy Calculation	TBC
6081.F	Read Validation where no Actual Read Present in Previous Class Period	TBC
6081.G	Reconciliation of Class Change with subsequent Shipper Transfer and Class Change	TBC
6081.H	RGMA Read Validation where Site Flagged as AMR	TBC
6081.I	NDM Opening Read Estimation Based on Read with a Positive Through The Zero Count	TBC
6081.J	Twin Stream Volume Aggregation	TBC