



**Nov-21 Changes
Supporting Document Updates**

Changes for Discussion

UNCVR

- XRN5072 - Application and derivation of TTZ indicator and calculation of volume and energy – all classes
- XRN5180 - Inner Tolerance Validation for replacement reads and read insertions

UK Link Manual

- XRN5007 - Correction in the reconciliation process when volume is zero

XRN5072 - Application and derivation of TTZ indicator and calculation of volume and energy – all classes

- XRN5072 was raised by Xoserve to complete a review of, and make improvements to, volume calculations that involve Through the Zero (TTZ) counts
- Inconsistent use of the TTZ in volume calculations can lead to downstream issues in AQ calculation and UIG
- The change proposes to derive the TTZ to be used in volume calculations based on the existing read history for the MPRN

XRN5180 - Inner Tolerance Validation for replacement reads and read insertions

- XRN5180 is to address the issue where a read is inserted or a read replacing another, where a subsequent Meter Reading has been loaded, is rejected if the inner tolerance check (ITC) is failed
- The read validation is performed for both consumption periods, one period back to the previous read and one period forward to the subsequent read
- If one of these periods fails the ITC and, therefore, the override flag is required then the read will be rejected if it is provided or not as the second period does not require the override flag
- The planned change will allow a read that results in two periods of consumption, with one that fails the ITC and one that passes, to be accepted where the override flag is set

Next Steps

- Changes are currently in detailed design
 - Detail Design Change Packs due to be issued in March for XRN5072 and April for XRN5180
- XRN5180 was previously presented to this group in July 2020
- The UNCVR will be updated to reflect the changes proposed and presented to this group in May 2021
- Based on support of this group, the updated document will be presented to UNCC in June 2021
- Once approved, the updated version will have its effective date aligned to the implementation date of the release

XRN5007 - Correction in the reconciliation process when volume is zero

- The MN09 exception is generated as a result of a failure to calculate the Reconciliation Factor
- Until it is resolved the exception prevents any further billing of the MPRN
- The scenario in which this occurs is where the prevailing volume used in the calculation is zero
 - Re-reconciliation of a period with zero consumption
- The calculation is defined within Section E of the UNC however there is no allowance for a zero prevailing volume

Next Steps

- This was presented to this group, and UNCC, in May 2020 for guidance on how to document the proposed methodology
- Recommendation from UNCC was to add the methodology to the UK Link Manual
- We are, therefore, proposing to create a new guidance document as part of section 4 of the UK Link manual
- The proposed guidance document will be issued for review, via change pack, during the delivery phase of the Nov-21 release