Manage impacts to UK Link Application of Meter Readings (EUC1, Non Opening Readings only)

- Meter Reading Selection
- CDSP required to take a minimum of one Meter Reading per Batch Period to determine whether
  - Valid Meter Readings will prompt Reconciliation (and AQ)
  - If the selected Meter Reading isn't Valid, CDSP will select one more Meter Reading to validate
  - CDSP will assign 'assured' status to remaining Meter Readings in Batch if Meter Reading is Valid
  - Assured Meter Readings contribute towards Meter Reading performance
  - NB: Users are still required to Validate ALL Meter Readings

Key
RD - Read day   UA - Read unassured
R - Read submitted   AC - Read Accepted
AS - Read Assured
RJ - Read Rejected

Replacements don't amend the initial status as only Replace ACs

Illustration of Reading Performance - 1 Reading Accepted; Remaining Readings Assured

Calendar Date / Read Date	01/MM/20YY	02/MM/20YY	03/MM/20YY	04/MM/20YY	05/MM/20YY	06/MM/20YY	07/MM/20YY	08/MM/20YY	09/MM/20YY	10/MM/20YY	11/MM/20YY
01/MM/20YY	RD	R							AS		
02/MM/20YY		RD	R						AS		
03/MM/20YY			RD	R					AS		
04/MM/20YY				RD	R				AS		
05/MM/20YY					RD	R			AC		
06/MM/20YY						RD	R		AS		
07/MM/20YY							RD	R	AS		

Illustration of Reading Performance - 1st Reading Rejected; 2nd Reading Accepted; Remaining Readings Assured

Calendar Date / Read Date	01/MM/20YY	02/MM/20YY	03/MM/20YY	04/MM/20YY	05/MM/20YY	06/MM/20YY	07/MM/20YY	08/MM/20YY	09/MM/20YY	10/MM/20YY	11/MM/20YY
01/MM/20YY	RD	R							AS		
02/MM/20YY		RD	R						AS		
03/MM/20YY			RD	R					AC		
04/MM/20YY				RD	R				AS		
05/MM/20YY					RD	R			RJ		
06/MM/20YY						RD	R		AS		
07/MM/20YY							RD	R	AS		

Illustration of Reading Performance - 1st and 2nd Reading Rejected; Remaining Readings Not Assured

Calendar Date / Read Date	01/MM/20YY	02/MM/20YY	03/MM/20YY	04/MM/20YY	05/MM/20YY	06/MM/20YY	07/MM/20YY	08/MM/20YY	09/MM/20YY	10/MM/20YY	11/MM/20YY
01/MM/20YY	RD	R							UA		
02/MM/20YY		RD	R						UA		
03/MM/20YY			RD	R					RJ		
04/MM/20YY				RD	R				UA		
05/MM/20YY					RD	R			RJ		
06/MM/20YY						RD	R		UA		
07/MM/20YY							RD	R	UA		

Manage impacts to UK Link Application of Meter Readings (EUC1, Non Opening Reads only)

- Definition of the Batch Period
  - UNC defines the following:

5.8.1   In relation to each Class 3 Supply Meter:

    (a) a "**Batch Period**" *is a period of 7 Days* (provided a Batch Period may have a shorter duration);

    (b) a "**Batch Submission**" is the *submission by a User of Daily Meter Readings as a batch for each Day in a Batch Period*.

5.8.3   In relation to Smaller Supply Meter Points *not all Meter Readings shall be subject to a check on validation* by the CDSP and the Validation Rules: …

    (b)   shall provide that *at least one Daily Meter Reading in each Batch Period is subject to a check on validation by the CDSP*;

    * Emphasis added

- Batch Period is 7 Days in duration (**or less**)…
- The Shipper will submit a Batch Submission of 7 days or less for the Batch Period
- The CDSP need not validate (i.e. determine if Valid for Rec) all Meter Readings,
- …but must do so for one Meter Reading in the 7 day Batch Period

UNCVR Impacts - Relational Validation

- In UNCVR, Validations **relate** to the previous Meter Reading and to verify that the [volume] recorded is within expected limits….

- For EUC01 where only certain Meter Readings within a Batch Period will be used, this relational validation may cause problems

- **Round the Clock Validation** – indicates whether the Meter Reading has gone 'through the zeros' since the previous reading.
  – Fix: CDSP will scan for non zero RTC counts, and prioritise loading these Meter Readings

- **Tolerance Bandings** – tests whether the Meter Reading consumption has advanced as expected against the previous Meter Reading
  – Fix: Suspension of Inner Tolerances for Class 3 (EUC01), but retention of Outer Tolerance

UNCVR Impacts - Inner Tolerance validations

- Originally planned to suspend for Class 3 EUC01 Non Opening Readings, but:

    – Since Opening and Replacement Meter Readings would be subjected to Tolerance Validations, the latest submitted Non Opening Reading may not be accepted (i.e. within UKL), hence same risk as Non Opening Readings

    – Non Opening reads with a non zero TTZ and EUC band 1 will be prioritized for processing and will follow the normal read validations. It would be difficult to differentiate these reads to determine whether to apply Inner Tolerance checks

    – For meter points where EUC band changes from/to Band 1, the read will be validated based on the last accepted read which again may not be the latest submitted read by the shipper.

- Due to the above complexities in terms of inner tolerance validations, **it is recommended that inner tolerance checks are suspended for all Class 3 Meter Readings.**