UNC Modification 0583S - Requiring an Opening Meter Reading at same User Confirmation

6th June 2016

Background

- Modification 0583S (Requiring an Opening Meter Reading at same User Confirmation) was raised to enable Transporters to estimate a reading at Reconfirmation
  - Discussed at April 2016 Project Nexus Workgroup during 0576 Workgroup discussions (Modification 0576 - Generation of an estimated Meter Reading at the Code Cut Off Date in the absence of an actual Meter Reading)

- Workgroup concluded that 0576 (LiS Estimate) and 0583S (Reconfirmation Estimate) scenarios could be treated in the following manner:

  - Use future NDM Read Estimation (introduced from Project Nexus Implementation Date (revised UNC H2.2.1)) - which uses actual weather data

  - Use AQ Readings in the absence of Valid Meter Readings (i.e. Readings loaded to UK Link Systems)

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Proposed Estimation Methodology

- April 0576 Workgroup concluded that LiS Estimate and Reconfirmation Estimate could be treated as a single modification

- 0583S was raised as a separate modification due to the treatment of the creation of estimated readings differing from 0576S as follows:

  - Potential for subsequent readings to have loaded, therefore Rec will have taken place on LSP Meter Points

  - Recommend only using Valid Meter Readings for 0583S
    - Use of AQ Readings may amend the closed out reconciliations

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Workgroup to consider…

- During Modification Panel discussions Workgroup were asked to consider the impacts on energy reconciliation

- Use of Valid Meter Readings and H2.2.1 will means that where reconciliation has already occurred this estimate should effectively assign a volume to the energy reconciled as part of the variance period
    - Differences will occur due to volumes being in whole metering units (e.g. $100ft^3$ / $1m^3$) rather than energy in kWh.

- Need to consider with respect to the scenarios where:
    - A reading subsequent to the Reconfirmation date HAS NOT loaded
    - A reading subsequent to the Reconfirmation date HAS loaded

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Subsequent Reading NOT Loaded

- Loading of the 0583S Estimate shall generate the reconciliation

Valid Reading 1 (Rd1)

Reconfirmation Date

Reconciliation Period - between Rd1 and Reconf. Date

0583 Reading Insertion - will prompt Reconciliation Period

Variance Period - between Rd1 and Reconf. Date

0583 Reading Inserted - Applies a reading in line with reconciliation to allocation**

- Has the effect of creating the Reconciliation Period
- The reading loaded will be loaded in line** with allocation
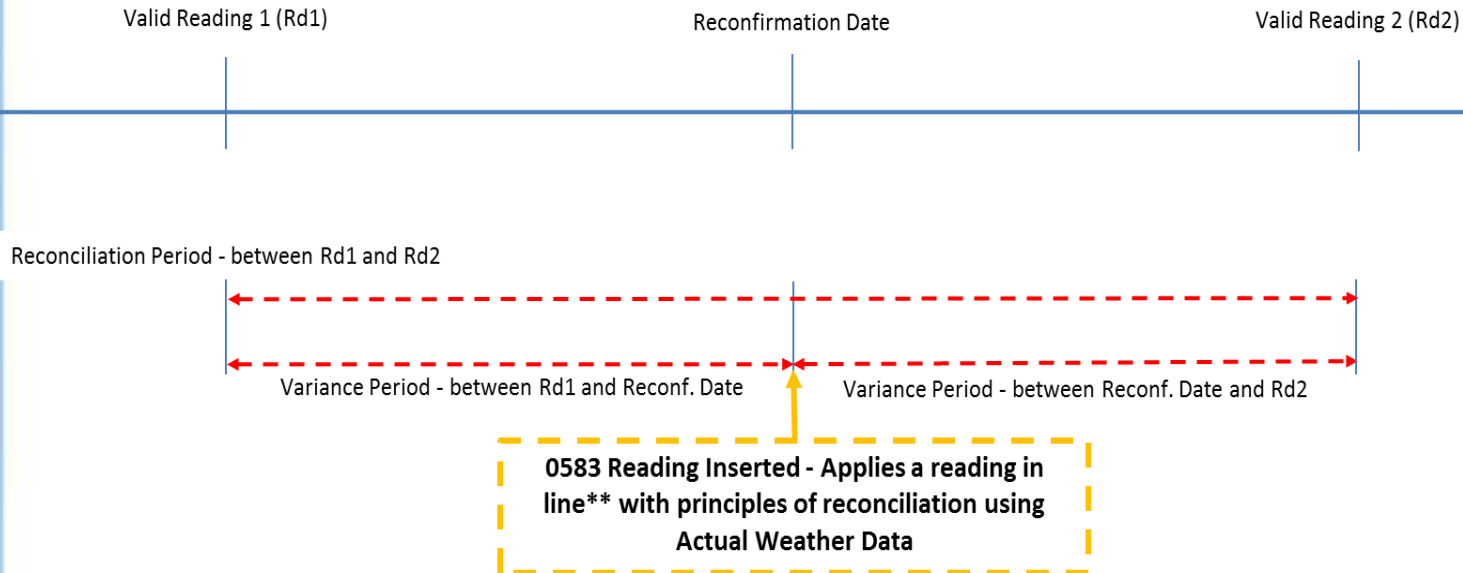** - subject to volume / energy treatment difference

Subsequent Reading Loaded

- Loading of the 0583S Estimate shall generate the reconciliation

Valid Reading 1 (Rd1)   Reconfirmation Date   Valid Reading 2 (Rd2)

Reconciliation Period - between Rd1 and Rd2

Variance Period - between Rd1 and Reconf. Date   Variance Period - between Reconf. Date and Rd2

0583 Reading Inserted - Applies a reading in line with principles of reconciliation using Actual Weather Data**

- Has the effect of assigning a volume to the Variance Periods
- The reading loaded will be loaded in line** with allocation

** - subject to volume / energy treatment difference

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Subsequent Readings Loaded

- Where a subsequent reading has loaded it will not impact reconciled energy unless the readings with the Reconciliation Period are replaced.

- The readings will have the effect of splitting the Reconciliation Periods – i.e. in effect the period Rd1 to Reconf will not be Re-reconciled unless one of the readings was replaced

  - Without the estimate the replacement of Rd2 would have amended the energy between the variance periods

Discussion

- Only use of Valid Meter Readings is proposed

  - Will create volume in line with energy assigned to each variance period

  - There will be differences based on read indexes – this will create small energy calculation differences between variances

  - These will only be revisited where replacement readings are loaded
    - In such circumstances variances would be recalculated and issued in line with readings inserted for 583S

- Expected that the impact is negligible
  - Views?

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