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Project Nexus Workgroup

Use of pre October 2015 reads in AQ process

10th March 2015

Background

- New read validation routines are implemented with effect from 1st October 2015.
- The read validation routines include calculating the volume of energy between the submitted read and the relevant previous read on UK Link.
- Reads that fail the tolerance checks will not be accepted.
- The rolling AQ process developed under modification 0432, will for a transitional period, utilise reads submitted and accepted to UK Link that pre-date 1st October 2015.
- These pre 1st October reads will not have been subject to the new read validation routines
- There is therefore a risk that these reads, when used in the AQ calculation, may calculate an AQ that is not reflective of the supply point's consumption

Proposal

- Where a read pre-dating 1st October is used in the AQ calculation, the resulting AQ is subject to a tolerance check before being accepted
- AQ values that fail the tolerance check will not be loaded to UK Link and the existing AQ will remain
- The post 1st October read, having passed the read validation routines, will still result in a reconciliation event.
- The tolerance values are being developed and will be presented to the Nexus workgroup for approval
- A UNC modification will be raised to give effect to these arrangements.
- Any AQ calculation that uses only post 1st October reads will not be subject to the tolerance check

Example 1 Post 1st October read (Read 4) passes validation, is used for reconciliation (to Read 3) and AQ PASSES AQ tolerance check

Read 1 reading date 15th November 2014

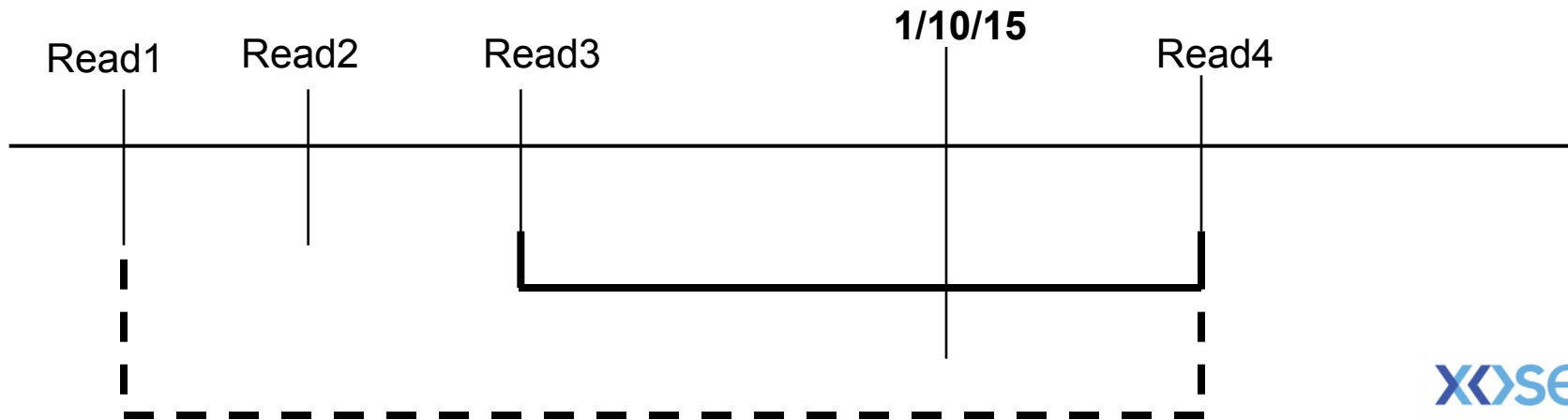
Read 2 reading date 15th June 2015

Read 3 reading date 15th July 2015

Read 4 reading date 15th November 2015

Reconciliation is between Read 4 and read 3

AQ uses Read 4 (as the opening read) and Read 1 (closing read)
(they are 12 months apart)



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Example 2 Post 1st October read (Read 5) passes validation, is used for reconciliation (to Read 4) and AQ FAILS AQ tolerance check

Read 1 reading date 15th November 2014

Read 2 reading date 15th June 2015

Read 3 reading date 15th July 2015

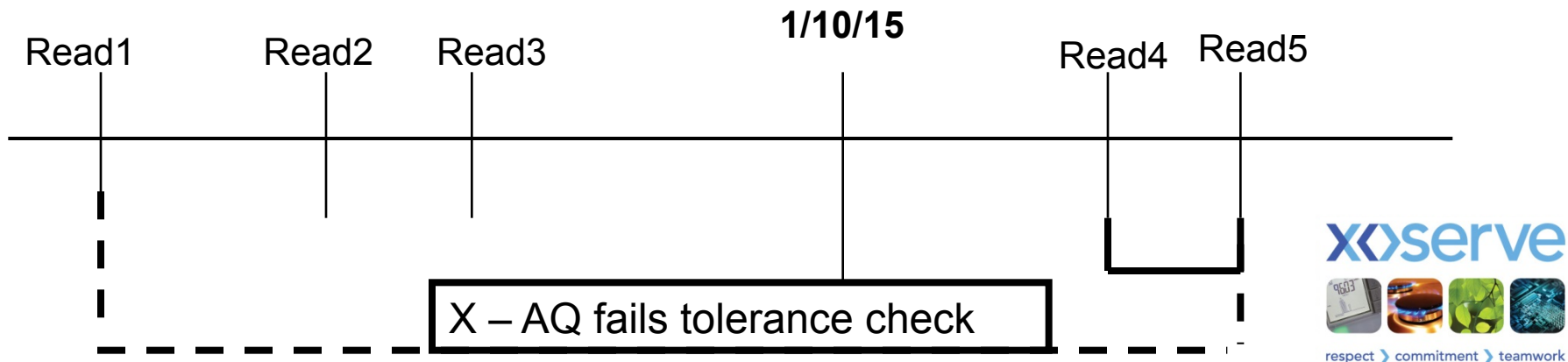
Read 4 reading date 15th November 2015

Read 5 reading date 15th December 2015

Reconciliation is between Read 5 and read 4

AQ uses Read 5 (opening) and Read 1 (closing) (there is no read at 12 months, nor one at 9 months, so the one at 13 months is used (Read 1)).

The scenario exists whereby Read 5 is accepted and used for reconciliation, but the AQ calculated fails the tolerance check. The existing AQ is retained.



Example 3 Post 1st October read (Read 6) passes validation, is used for reconciliation (to Read 2) and AQ PASSES AQ tolerance check

Read 1 reading date 15th November 2014

Read 2 reading date 15th June 2015

Read 3 reading date 15th July 2015

Read 4 reading date 15th November 2015

Read 5 reading date 15th December 2015

Read 6 reading date 15th October 2016

Reconciliation is between Read 6 and read 5

AQ uses Read 6 (opening) and Read 2 (closing) (they are 12 months apart)

