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| <b>Change Proposal – F40/01 (Page 1 of 3)</b>  | <b>CP No: 795</b><br><i>(mandatory by BSCCo)</i> |
| <p><b>Title</b> <i>(mandatory by originator)</i></p> <p>Meter Readings failing NHHDC Validation.</p>   |  |
| <p><b>Description of Change</b> <i>(mandatory by originator)</i></p> <p>The validation checks performed by Non Half Hourly Data Collectors (NHHDCs) are used to highlight suspect meter readings that may require further investigation and possibly rejection. However, in some instances, the unusual readings <i>are</i> correct and should be entered into Settlement. This is often the case when Suppliers have been informed by their customers of specific circumstances and are expecting to see some unusual meter readings, which would be required for billing purposes.</p> <p>Any meter readings that fail validation are passed on to the Supplier. At present there is no mechanism that allows Suppliers to inform their NHHDCs that they should accept such rejected readings.</p> <p>This CP has been raised from SIR R2799 'Readings Failing Pool Validation'.</p>   |  |
| <p><b>Proposed Solution(s)</b> <i>(mandatory by originator)</i></p> <p>A manual dataflow should be introduced between Suppliers and NHHDCs, whereby any D0010 meter readings that have failed validation but are deemed by a Supplier to be correct, can be sent back to the Data Collector for processing in Settlements.</p> <p>A. <b>BSCP504 'Non Half Hourly Data Collection for SVA Metering Systems Registered in SMRS'</b></p> <p>1. <u>2.4.1 'NHHDC collects and sends consumption data' (Workflow Diagram).</u><br/>Add new boxes as follows:</p> <ul style="list-style-type: none"> <li>▪ '3.4.1.5, Request NHHDC to change meter reading(s) flagged as invalid to valid' (Supplier box).</li> <li>▪ '3.4.1.5, Receive request to change invalid meter reading(s) to valid meter reading(s)' (NHHDC box). Add an arrow from this box to 3.4.1.6 (currently this is 3.4.1.5).</li> <li>▪ Re-number remaining boxes.</li> </ul> <p>2. <u>3.4.1 'NHHDC collects and sends consumption data' (Interface and Timetable Information).</u><br/>Add new step as follows:</p> <ul style="list-style-type: none"> <li>▪ Ref. '3.4.1.5'.</li> </ul> |  |

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| <ul style="list-style-type: none"> <li>▪ When. 'Following review of Invalid Data Report'.</li> <li>▪ Action. 'Request NHHDC to change meter reading(s) flagged as invalid to valid. Proceed to 3.4.1.6.'</li> <li>▪ From. 'Supplier'.</li> <li>▪ To. 'NHHDC'.</li> <li>▪ Information Required. 'Pxxx Convert Invalid Meter Reading to Valid Meter Reading Request' and 'Appendix 4.2 – Validate Meter Data.'</li> <li>▪ Method. Manual Process.</li> </ul> <p>3. <u>Appendix 4.2 'Validate Meter Data'</u><br/>Apply the following changes:</p> <p>(a) '11. The NHHDC will review and alter the status of all failed meter readings where a good reason exists. In addition NHHDCs may be requested to change the status of invalid meter readings to valid by the Supplier (following review of rejected readings provided in the D0010 Meter Readings dataflow), in which case the NHHDC shall accept such readings as valid.'</p> <p>(b) The option to accept meter readings that failed validation should apply to all the validation checks. Therefore sentence 2 and 3 should be removed from paragraph number 5.</p> <p>(c) Add a new paragraph at the end of this Appendix which states:</p> <p style="padding-left: 40px;">'The NHHDC will set the status of previously rejected meter readings to valid providing that the validation rules have been applied and that there is good reason to change the status to valid'.</p> <p><b>B. BSC SVA Data Catalogue</b><br/>Add the new dataflow 'Pxxx Convert Invalid Meter Reading to Valid Meter Reading Request' (based on the D0010 'Meter Readings' dataflow) with the following data items:</p> <ul style="list-style-type: none"> <li>▪ MPAN Core</li> <li>▪ BSC Validation Status</li> <li>▪ Additional Information</li> <li>▪ Meter Id (Serial Number)</li> <li>▪ Meter Register Id</li> <li>▪ Reading Date &amp; Time</li> <li>▪ Register Reading</li> <li>▪ MD Reset Date &amp; Time</li> <li>▪ Number of MD Resets</li> <li>▪ Meter Reading Flag</li> <li>▪ Reading Type</li> <li>▪ Meter Reading Reason Code</li> <li>▪ Meter Reading Status</li> <li>▪ Meter Reading Status Validation Required: T = Valid or F = Suspect</li> </ul> |   |

**Justification for Change** (*mandatory by originator*)

The validation checks are there to ensure that incorrect data is not entered into Settlements. However, if the data is explainable, there is no reason why it should not be used for Settlement purposes.

Note that SIR R2799 also suggested an alternative solution that involved alterations to DTC flows. This solution is not being recommended for progression on the basis that the number of occurrences when such changes will be required is envisaged to be small.

**Other Configurable Items Potentially Affected by Proposed Solution(s)** (*optional by BSCCo*)

None.

**Impact on Core Industry Documents** (*optional by originator*)

None.

**Related Changes and/or Projects** (*mandatory by BSCCo*)

None.

**Originator's Details:**

**BCA Name:**

**Organisation:**

**Email Address:**

**Date:** 23/04/2002

Attachments: No