

Change Proposal – F40/01

CP No:1035

Version No: v2.0

Title Consumption not 'E' flagged following proving test failure

Description of Problem/Issue *(mandatory by originator)*

BSCP502 'Half Hourly Data Collection for SVA Metering Systems Registered in SMRS', section 4.6.6 'Failed Proving Test' requires that if a proving test has failed, collected Metered Data will be flagged as 'E' (Estimated) until a successful proving test is completed. Meanwhile, BSCP502 section 4.6.7 'Non-Completion of Proving Test' allows Half Hourly Data Collectors (HHDCs) to treat data from a Metering System for which a proving test is outstanding as 'A' (Actual) flagged for the submission of data into Settlements. In situations where proving tests are delayed this can lead to a large amount of unproven data being entered into Settlements, which then becomes indistinguishable from proven data that is also 'A' flagged.

Therefore, it is suggested that the HHDC should flag Metered Data as 'E' until a successful proving test has been carried out. This will mean that unproven data can be distinguished from Actual data. This change will mean that the HHDC will have to know whether a proving test should be carried out on a Metering System.

There are two options for implementing this change. The first option will only apply where the HHDC knows that a proving test should be carried out. The second option applies in all cases since the HHDC will be informed if a proving test need not be carried out:

Option 1

A HHDC should know in most cases where a proving test should be carried out by checking the 'Event Indicator' data item (J1689) in the D0268 'Half Hourly Meter Technical Details' data flow to determine why the D0268 has been sent and internal knowledge of whether there has been any manual intervention of the Meter Technical Details. In this case the HHDC would only be expected to flag unproven data as 'E' where it knows that a proving test should have been carried out.

Option 2

If a proving test need not be carried out on a Metering System, the MOA should inform the HHDC that no proving test is required. Once the HHDC receives confirmation that no proving test is required for a particular Metering System, the HHDC should flag data from that Metering System as 'A'. If no confirmation that a proving test is not required is received by the HHDC, the HHDC, should assume that a proving test is required and should flag the Metered Data as 'E' until a D0214 'Confirmation of Proving Tests' data flow is received for that Metering System.

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Proposed Solution(s) *(mandatory by originator)*

Option 1

Metered Data collected from unproven Metering Systems where the HHDC knows that a proving test should be carried out will be 'E' flagged until the proving test has been successfully completed.

Section 4.6.7 of BSCP502 should be amended to specify that Metered Data should be 'E' flagged until a successful proving test has been carried out as follows:

'If the HHDC knows that a proving test should be carried out and a proving test is not completed so that proved data can enter Settlements by the due timescales, the actual retrieved HH Metered Data shall be used for Settlements and shall be '~~E~~' flagged until a proving test has been completed. Once a proving test has been completed, the data will be flagged as either estimated or actual i.e. 'E' or 'A' flagged depending on whether or not there was a successful proving test.'

There will be a change required to PSL130 'Party Service Line for Half Hourly Data Collection', section 1.4.2.3 as follows:

'Unless the Half Hourly Data Collector is informed by its Associated Meter Operator Agent that the retrieved data is incorrect, or the Half Hourly data Collector is aware that a proving test should have been carried out but this has not been successfully completed by the Associated Meter Operator Agent. the Half Hourly Data Collector shall accept Meter Period Value data collected from the meter for validation processing.'

Option 2

There needs to be a mechanism by which the HHDC knows whether a proving test should be carried out. The HHDC should assume that a proving test is required, unless positive confirmation has been received from the MOA that no proving test is required. There are three mechanisms by which the MOA can inform the HHDC that no proving test is required:

- a. The MOA could indicate in the Additional Information (J0012) data field of the D0268 data flow that no proving test is required, since a proving test is always initiated by the sending of the D0268 data flow (although not all sendings of the D0268 data flow require a proving test to be performed).
- b. A new data item could be added to the D0268 called 'Proving Test Required' for the indication of whether a proving test is required on a particular Metering System. It would have a valid set of True or False – True to indicate that a proving test is required and False to indicate that it is not.
- c. A new P flow could be created in the SVA Data Catalogue titled 'Confirmation that no proving test required' which the MOA could send the HHDC if no proving test was necessary for the particular Metering System. The flow would only need to include the 'Metering System Id' Data Item.

Section 4.6.7 of BSCP502 should be amended to specify that Metered Data should be 'E' flagged until a successful proving test has been carried out as follows:

'If a proving test is not completed so that proved data can enter Settlements by the due timescales, the actual retrieved HH Metered Data shall be used for Settlements and shall be '~~E~~' flagged until a proving test has been completed. Once a proving test has been completed, the data will be flagged as either estimated or actual i.e. 'E' or 'A' flagged depending on whether or not there was a successful proving test.'

Section 4.6.4 of BSCP502 and the corresponding section 8.3.4 of BSCP514 'SVA Meter Operations for

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Metering Systems Registered in SMRS' (Reporting) will also require amendment to reflect the extra reporting requirement on the MOA to notify the HHDC where no proving test is required. These sections will need amendment to the wording to reflect that the HHDC will be required to report to the Supplier, MOA and BSCCo where no proving test has been initiated in the specified timescales and no confirmation that a proving test is not required has been received.

There will also be a change to PSL110 'Party Service Line for SVA Meter Operation' to oblige the MOA to notify the HHDC of cases where Meter Technical Details are sent (via the D0268) but no proving test is required. Furthermore, there will be a change required to PSL130 'Party Service Line for Half Hourly Data Collection', section 1.4.2.3 to note that only following notification by the MOA that the Metering System does not require a proving test or that a successful proving test has been carried out will the HHDC accept Meter Period Value data collected from the Meter for validation processing.

Views on which option and the most appropriate mechanism within option 2 will be sought from Participants during the Impact Assessment

If option 1 or option 2a is chosen there will be no further change required to documentation.

If option 2b is chosen, a Data Transfer Catalogue (DTC) Change Proposal (CP) will be raised and corresponding changes would be made to the SVA Data Catalogue.

If option 2c is chosen, changes will be required to BSCP502 and BSCP514 'SVA Meter Operation for Metering Systems Registered in SMRS' to oblige the MOA to send the new flow, if required in all circumstances that the D0268 is sent from MOA to HHDC where a proving test may not be required.

Justification for Change *(mandatory by originator)*

This will place an incentive on Suppliers to ensure the timely initiation of proving tests by their Agents in order to achieve performance standards against the BSC.

Data will be either more accurately re-estimated or replaced with correct 'A' flag data where the proving test failed initially and is subsequently successfully completed. There will be an incentive to re-visit 'E' flag data that does not exist when it is 'A' flagged in the HHDC system.

This is a BSC Audit market issue. This change will cover the audit Statement of Significant Matter 21, that highlights performance of Proving Tests as an issue.

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

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

A DTC change may be required

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

Requested Implementation Date *(mandatory by originator)*

Reason:

Agreed Release/Implementation Date *(mandatory by BSCCo)*

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