

Change Proposal – F40/01

CP No: 1171

Version No: 1.0

Title *(mandatory by originator)* **Improvements to the Proving Process**

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

The current Proving process is mapped out in BSCP 514 (MOA) and BSCP 502 (HHDC) code subsidiary documents. The responsibility to ensure that proving is carried out in the correct timescales is shared between the MOA and HHDC agent functions.

HH agents have identified issues with the current process that have lead to the failure of parties to successfully complete the Proving Test requirements listed in the code subsidiary documents. The following issues were initially highlighted in CP1142 and the exploratory work undertaken with supplier agents:

1) A Proving test can not be performed until a commissioning test has been performed.

Section 5.5 of BSCP 514 refers to the initial proving action as, 'Install or reconfigure commission to CoP4, record MTD and note HH Metered Data to cover a specific Settlement Period while on site.' (5.5.1.1./5.5.2.1./5.5.3.1./5.5.4.1.)

2) A significant number of proving test failures are due to zero data

Section 5.5 of BSCP 514 and section 3.5 of BSCP 502 state categorically that proving can not be completed utilising zero data, for example:

'Read Meter for Settlement Period of own choosing using the same method as would normally be used for the retrieval of data from that MS (ensuring that data for the Settlement Period collected does not contain a zero value). (BSCP 514, 5.5.3.3)

and;

'Read Meter for the same HH Settlement Period as requested by the MOA using the same method as would normally be used for retrieval of data from that MS (ensuring that data collected for Settlement Period does not contain a zero value.' (3.5.1.2/3.5.2.2./3.5.3.2./3.5.4.2)

3) Proving tests are failed due to 'no comms' on site

The failure of meter proving due to no comms is not permitted by current BSCP procedures in any event. Proving Method One and Method Two allow for the successful completion of proving without the use of remote communications.

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

1) A Proving test can not be performed until a commissioning test has been performed.

As per the current BSCP 502 and 514 procedure MOA should only initiate meter proving once a metering system has been commissioned. To provide greater visibility of this process to HHDC, Supplier and BSCCo, an additional reference should be added to BSCP 514 (8.3.4 – Reporting) and BSCP 502 (4.6.2 – Reporting) stating;

'The MOA shall report to the HHDC all instances where a proving test initiation has been withheld due to the metering system not commissioned to code of practice four.'

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An additional reference should be added to BSCP 502, prior to existing section 3.5.6.1 stating the HHDC “Receive report from MOA detailing proving not initiated due to outstanding commissioning”. **(See Appendix, table 2.5)**

The corresponding section 5.5.6 in BSCP 514 relating to ‘HHDC Reports that no Proving Test has been initiated’ should be amended accordingly **(See Appendix, table 1.5)**

2) A significant number of proving test failures are due to zero data

Proving tests should never be failed due to zero data (zero KW HH advance) as the HHDC should never transmit a D0003 dataflow if all half hour advances contained within are zero (as per current BSCP). Zero data should only lead to instances of ‘incomplete proving tests’.

The requirements of HHDC for incomplete proving tests are referenced in section 4.6.7, Non Completion of Proving Test, in BSCP 502 and do not require revision.

However, the process for the resumption of a proving test once data is available is vague at present and will benefit from further additions and amendment of BSCP 502 and 514. The HHDC should resume the proving test process once metered data is recorded by the metering system.

The addition of further steps to BSCP 502, section 3.5.1, 3.5.2, 3.5.3 and 3.5.4 (four methods of proving) would add greater clarity and stream line the process. This would state that “Following notification that metered data cannot be collected and when data retrieval confirms load detected” the HHDC would “Send raw HH Metered data” to MOA via a D0003 flow. **(See Appendix, table 2.1, 2.2, 2.3 & 2.4)**

This change will instruct the HHDC to manage incomplete Proving Tests due to zero data through to resolution. As per current BSCP the MOA will be made aware of the non-completion of the test and the reason for this delay due to the transmission of the D0001 dataflow as per step 3.5.1.3, 3.5.2.3, 3.5.3.3 or 3.5.4.3 of BSCP 502.

As a result of this change to BSCP 502, BSCP 514 should be amended to reflect the new process, and ensure that joint responsibility for successful completion of proving test remains shared between MOA and HHDC **(See Appendix, table 1.1, 1.2, 1.3 & 1.4)**

3) Proving tests are failed due to ‘no comms’ on site

The failure of proving tests due to ‘no comms’ is not a valid reason for rejection of proving; it is not currently allowed within the confines of either BSCP 514 or BSCP 502.

However, the BSCP’s should be amended to reflect the fact that the timescales quoted in section 4.6.5 of BSCP 502 and section 8.3.5 of BSCP 514 may not reasonably be achieved if remote communications can not be utilised by either agent function.

The addition of the following reference in section 4.6.5 of BSCP 502 and section 8.3.5 of BSCP 514 would allow for time scales to be exceeded in this scenario,

‘In the event that timescales are exceeded and the Proving Test is not completed, the process shall proceed to completion and an audit trail will be maintained by Supplier Agents in order to explain the delay.’

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Justification for Change *(mandatory by originator)*

This CP aims to ensure the integrity of settlements by improving the proving process between MOA and HHDC. Npower believe that minor modifications to BSCP 514 and 502 will facilitate this goal.

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

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

Changes to BSCP 514 (5.5, 8.3.5) and BSCP 502 (3.5, 4.6)

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

Requested Implementation Date *(mandatory by originator)*

FEB 07

Reason: Next available release

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

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Originator's Details:

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Date.....*20th June 2006*.....

Attachments: Y/N (If Yes, No. of Pages attached:.....)
(delete as appropriate)

Appendix – Proposed Redline changes

Table 1.1

BSCP 514 5.5.1

Ref	When	Action	From	To	Information Required	Method
5.5.1.5	Following 5.5.1.4 <u>and if data received</u>	If data received from HHDC, proceed to process 5.5.5 to undertake a comparison and issue results. If data not received from HHDC, proceed to 5.5.1.2 to undertake a re-test or use an alternative method to prove MS	HHMOA			Internal Process
<u>5.5.1.6</u>	<u>Following 5.5.1.4 and if no data received</u>	<u>Ensure record of incomplete proving test is maintained.</u>	HHMOA			Internal Process

Table 1.2

BSCP 514 5.5.2

Ref	When	Action	From	To	Information Required	Method
5.5.2.6	Following 5.5.2.5 <u>and if data received</u>	If data received from HHDC, proceed to process 5.5.5 to undertake a comparison and issue results. If data not received from HHDC, proceed to 5.5.2 to undertake a re-test or use an alternative method to prove MS	HHMOA			Internal Process
<u>5.5.2.7</u>	<u>Following 5.5.2.5 and if no data received</u>	<u>Ensure record of incomplete proving test is maintained.</u>	HHMOA			Internal Process

Table 1.3

BSCP 514 5.5.3

Ref	When	Action	From	To	Information Required	Method
5.5.3.5	Following 5.5.3.4 <u>and if data received.</u>	<p>Use own data retrieval system to collect HH Metered Data for the same HH Settlement Period as provided by the HHDC</p> <p>If unable to collect data from data retrieval system, resolve problem then complete proving test.</p> <p>If data received from HHDC, proceed to process 5.5.5 to undertake a comparison and issue results.</p> <p>If data not received from HHDC, proceed to 5.5.3.2 to undertake a re-test or use alternative method to prove MS</p>	HHMOA			Internal Process
<u>5.5.3.6</u>	<u>Following 5.5.3.4 and if no data received</u>	<u>Ensure record of incomplete proving test is maintained</u>	HHMOA			Internal Process

Table 1.4

BSCP 514 5.5.4

Ref	When	Action	From	To	Information Required	Method
5.5.4.5	Following 5.5.4.4 <u>and if data received</u>	<p>Use manufacturer's software to read meter constants, pulse multiplier, serial no etc, then read meter pulses or engineering data for same HH period as provided by HHDC to calculate HH reading.</p> <p>If data received from HHDC, proceed to process 5.5.5 to undertake a comparison and issue results.</p> <p>If data not received from HHDC, proceed to 5.5.2 to undertake a re-test or use an alternative method to prove MS</p>	HHMOA			Internal Process
<u>5.5.4.6</u>	<u>Following 5.5.4.4 and if no data received</u>	<u>Ensure record of incomplete proving test is maintained.</u>	HHMOA			Internal Process

Table 1.5

BSCP 514 5.5.6

Ref	When	Action	From	To	Information Required	Method
5.5.6.1.	As required in accordance with Appendix 8.3	Receive report from MOA detailing proving not initiated due to outstanding commissioning. Report that no proving test has been initiated.	MOA HHDC	HHDC Supplier, MOA, BSCCo	Notification of outstanding commissioning test required. P0212 Notification of Failure to Carry Out Proving Test	Electronic or other method as agreed.
5.5.6.2	As required in accordance with Appendix 4.6 and after 5.5.6.1 Following 5.5.6.1	Report that no proving test has been initiated/or proving not initiated due to outstanding commissioning. Agree and confirm timescales in which to complete the proving test.	HHDC Supplier	Supplier, MOA, BSCCo. HHMOA	P0212 Notification of Failure to Carry Out Proving Test. Proceed to 5.5.1, 5.5.2, 5.5.3 or 5.5.4	Electronic or other method as agreed. Telephone, Fax, Email.
<u>5.5.6.3</u>	<u>Following 5.5.6.2</u>	<u>Agree and confirm timescales in which to complete the proving test.</u>	<u>Supplier</u>	<u>MOA</u>	<u>Proceed to 5.5.1, 5.5.2, 5.5.3 or 5.5.4.</u>	<u>Telephone, Fax, Email</u>

Table 2.1

BSCP 502 3.5.1

Ref	When	Action	From	To	Information Required	Method
3.5.1.3		Send raw HH Metered Data or notification that Metered Data cannot be collected for the settlement Periods requested. If unable to collect metering data for Settlement Period requested, send alternative Settlement Period HH Metered Data.	HHDC	MOA	D0001 Request Metering System Investigation. D0003 Half Hourly Advances	Electronic or other method, as agreed.
<u>3.5.1.4</u>	<u>Following notification that metered data cannot be collected and when data retrieval confirms load detected</u>	<u>Send raw HH Metered Data</u>	<u>HHDC</u>	<u>MOA</u>	<u>D0003 Half Hourly Advances</u>	<u>Electronic or other method, as agreed.</u>

Table 2.2

BSCP 502 3.5.2

Ref	When	Action	From	To	Information Required	Method
3.5.2.3		Send raw HH Metered Data or notification that Metered Data cannot be collected for the settlement Periods requested. If unable to collect metering data for Settlement Period requested, send alternative Settlement Period HH Metered Data.	HHDC	MOA	D0001 Request Metering System Investigation D0003 Half Hourly Advances	Electronic or other method, as agreed.
<u>3.5.2.4</u>	<u>Following notification that metered data cannot be collected and when data retrieval confirms load detected</u>	<u>Send raw HH Metered Data</u>	<u>HHDC</u>	<u>MOA</u>	<u>D0003 Half Hourly Advances</u>	<u>Electronic or other method, as agreed</u>

Table 2.3

BSCP 502 3.5.3

Ref	When	Action	From	To	Information Required	Method
3.5.3.3		Send raw HH Metered Data or notification that Metered Data cannot be collected.	HHDC	MOA	D0001 Request Metering System Investigation. D0003 Half Hourly Advances	Electronic or other method, as agreed.
<u>3.5.3.4</u>	<u>Following notification that metered data cannot be collected and when data retrieval confirms load detected</u>	<u>Send raw HH Metered Data</u>	<u>HHDC</u>	<u>MOA</u>	<u>D0003 Half Hourly Advances</u>	<u>Electronic or other method, as agreed.</u>

Table 2.4

BSCP 502 3.5.4

Ref	When	Action	From	To	Information Required	Method
3.5.4.3		Send raw HH Metered Data or notification that Metered Data cannot be collected.	HHDC	MOA	D0001 Request Metering System Investigation. D0003 Half Hourly Advances	Electronic or other method, as agreed
<u>3.5.4.4</u>	<u>Following notification that metered data cannot be collected and when data retrieval confirms load detected</u>	<u>Send raw HH Metered Data</u>	<u>HHDC</u>	<u>MOA</u>	<u>D0003 Half Hourly Advances</u>	<u>Electronic or other method, as agreed.</u>

Table 2.5

BSCP 502 3.5.6

Ref	When	Action	From	To	Information Required	Method
3.5.6.1	As required in accordance with Appendix 4.6	<u>Receive report from MOA detailing proving not initiated due to outstanding commissioning</u> Report that no proving test has been initiated	MOA. HHDC.	HHDC. Supplier, MOA, BSCCo	<u>Notification of outstanding commissioning test required.</u> P0212 Notification of Failure to Carry Out Proving Test	Electronic or other method as agreed.
3.5.6.2	<u>As required in accordance with Appendix 4.6 and after 3.5.6.1</u> Following 3.5.6.1.	<u>Report that no proving test has been initiated/or proving not initiated due to outstanding commissioning.</u> Agree and confirm timescales in which to complete the proving test.	HHDC. Supplier	Supplier, MOA, BSCCo. MOA.	<u>P0212 Notification of Failure to Carry Out Proving Test.</u> Proceed to 3.5.1, 3.5.2, 3.5.3 or 3.5.4	<u>Electronic or other method as agreed.</u> Telephone, Fax, Email
<u>3.5.6.3</u>	<u>Following 3.5.6.2</u>	<u>Agree and confirm timescales in which to complete the proving test</u>	<u>Supplier</u>	<u>MOA</u>	<u>Proceed to 3.5.1, 3.5.2, 3.5.3 or 3.5.4</u>	<u>Telephone, Fax, Email</u>