

Redlined BSC Procedure (BSCP) 514 for CP1448 ‘Changes to allowable software for Method 3 Proving Tests’.

This CP proposes changes to BSCP514 sections 5.5.3 and 8.3.1.

We have redlined these changes against Version 29.1 (conformed version for November 2015 Release).

5.5.3 Proving of a Metering System by Method 3 ⁴³

REF	WHEN	ACTION	FROM	TO	INFORMATION REQUIRED	METHOD
5.5.3.1	When instructed by Supplier	<p>Install or reconfigure, commission to CoP4,¹ retrieve HH Metered Data for a specific HH Settlement Period and note MTD while on site.</p> <p>From the office, use own data retrieval system, <u>which has a current protocol approval via BSCP601 'Metering Protocol Approval and Compliance Testing'</u>, to read remotely for the same HH Settlement Period as collected during site visit.</p> <p>Compare HHMOA HH Metered Data from data retrieval system against that collected during site visit.²</p> <p>If problem with readings taken from data retrieval system, investigate and rectify the problem then re-do the steps above.</p>	HHMOA		See 5.2.2 or 5.3.4 as required.	Internal Process.
5.5.3.2	Following installation, commissioning and once HH Metered Data retrieved.	Send request for proving test or alternatively request a re-test following failure of immediately preceding proving test and provide MTD. ³	HHMOA	HHDC	<p>D0005 Instruction on Action.</p> <p>D0268 Half Hourly Meter Technical Details.</p> <p>If site is Complex, send Complex Site Supplementary Information Form. Refer to Appendix 8.4 Guide to Complex Sites.</p>	Electronic or other method, as agreed.

¹ The commissioning may be carried out when the HH MS is installed but may be deferred if load is not available at that time.

² If this data is correct then the MOAs data retrieval system has been successfully proved.

³ The MOA does not specify the Settlement Periods to be collected by the HHDC.

REF	WHEN	ACTION	FROM	TO	INFORMATION REQUIRED	METHOD
5.5.3.3	Following 5.5.3.2	Read Meter for Settlement Period of own choosing using either a Hand Held Unit or via remote interrogation as appropriate (ensuring that data for the Settlement Period collected does not contain a zero value).	HHDC			Internal Process.
5.5.3.4	Following 5.5.3.3	Send raw HH Metered Data or notification that Metered Data cannot be collected.	HHDC	HHMOA	D0001 Request Metering System Investigation. D0003 Half Hourly Advances.	Electronic or other method, as agreed.
5.5.3.5	Following 5.5.3.4	<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 the results.</p> <p>If data not received from HHDC, proceed to 5.5.3.2 to undertake a re-test or use an alternative method to prove MS.</p>	HHMOA			Internal Process.

8.3.2 Methods of Proving

The HHMOA shall decide what method of proving test is appropriate in conjunction with the HHDC and has one of the four methods outlined below to choose from:

Complex Sites shall be proven in the same way as non Complex Sites except the HHMOA shall use the aggregated data provided by the MS for comparison.

Method 1

The HHMOA installs / reconfigures the MS and commissions the MS and records the HH Metered Data reading while on site. The HHMOA then requests the HHDC to collect HH Metered Data for the same Settlement Period as collected by the HHMOA. The HHDC then collects the HH Settlement Period requested and sends this raw HH Metered Data to the HHMOA for comparison.

Method 2

The HHMOA installs / reconfigures the MS and commissions the MS and records the HH Metered Data reading while on site. The HHMOA then agrees with the HHDC a date and time for the proving test. The HHMOA visits the site a second time and collects and records the HH Metered Data reading for the specified HH Settlement Period requested of the HHDC. The HHDC collects for the same HH Settlement Period and sends this raw HH Metered Data to the HHMOA for comparison.

Method 3

The HHMOA installs / reconfigures the MS and commissions the MS and records the HH Meter register reading while on site. When at the office, the HHMOA then uses its own data retrieval system, which has a current protocol approval via BSCP601 'Metering Protocol Approval and Compliance Testing', to read the MS for the same HH Settlement Period as collected during the site visit. The HHMOA then compares the HH Metered Data collected on site with the data retrieved at the office. The HHDC collects for the HH Settlement Period of own choosing and sends this to the HHMOA.⁴ The HHMOA then uses its data retrieval system to read for the same HH Settlement Period as provided by the HHDC.

Method 4

The HHMOA installs / reconfigures the MS and commissions the MS and records the HH Metered Data reading while on site. The HHDC collects for the HH Settlement Period of own choosing and sends this to the HHMOA⁸¹. The HHMOA then uses either the manufacturer's software or software which has a relevant protocol approval in accordance with BSCP601 'Metering Protocol Approval and Compliance Testing' to read the Meter constants, pulse multiplier, serial number etc, then collects Meter pulses or engineering data for the same HH Settlement Period as provided by the HHDC and calculates the reading.

⁴ Ideally this should be the latest Settlement Period for which non-zero data is available. This is to prevent the data from being overwritten in the Meter's memory before the HHMOA has had time to collect it.