

Change Proposal – BSCP40/02	CP No: CP1394 Version No: v1.0 (mandatory by BSCCo)
Title (mandatory by originator) Use of SMETS compliant Meters for Profiling	
Description of Problem/Issue (mandatory by originator) Profiling is a technique used in Settlement to determine the pattern across the Settlement year, for the average customer of each of the eight type of customer (or Profile Class). These profiles give the Half Hourly (HH) (Settlement Period) pattern or 'shape' of usage across a day (Settlement Day). We create these Profiles for each of these Profile Classes by randomly selecting sites and installing HH Meters at these sites or get HH consumption data direct from Suppliers. These samples are designed to provide Profiles that are representative of all Meters in the Profile Class. BSC Procedure (BSCP) 510¹ sets out the minimum requirements for Metering Systems installed for gathering sample data for use in Profiling. Suppliers are rolling out HH capable smart Meters that are compliant with the smart metering equipment technical specifications (SMETS). There will be a mass rollout of these, currently scheduled for late 2015. Approved Modification P223² introduced the minimum requirements in BSCP510 for these Meters used in Profiling before the SMETS were formed. Suppliers now want to use these SMETS compliant Meters for gathering Profiling data. These 'smart' Meters are HH capable and would provide valid sample data, but may not meet the requirements defined in BSCP510.	
Proposed Solution (mandatory by originator) It is proposed to extend the minimum metering requirements for Profile capable Metering Systems within BSCP510, 4.3³ to include SMETS compliant Meters as follows: "Profile Capable Metering Systems installed in Sample Participant premises shall be SMETS compliant or meet the following minimum requirements:" If this change is to be implemented prior to Approved Modification P292⁴, which introduces a definition of SMETS into Section X: Annex X-1 and approved for implementation on the 26 June 2014 as part of the June 2014 BSC Release, then a definition of SMETS will be needed within BSCP510. This could be added in as a footnote or in the 'definitions' section of BSCP510. If, however, this is implemented at the same time or after P292 is implemented then a definition of SMETS will not be required.	

¹ 'The Provision of Sampling Data to the Profile Administrator'

² 'Improvements to the Profile Administrator Service'

³ 'Minimum metering requirements'

⁴ 'Amending Supplier & Meter Operator Agent responsibilities for smart Meter Technical Details'

Justification for Change *(mandatory by originator)*

Since these Meters may ultimately be used to provide HH data for Settlement, there is no reason they cannot be used for Profiling. This simple change will allow Suppliers to fit SMETS compliant Meters without having to check if they comply with the minimum defined requirements. It will also increase the number of Metering Systems that could be used to gather Profiling data.

To which section of the Code does the CP relate, and does the CP facilitate the current provisions of the Code? *(mandatory by originator)*

Section S

Estimated Implementation Costs *(mandatory by BSCCo)*

The ELEXON costs to implement the proposed changes equates to £240 (1 man day effort).

Configurable Items Affected by Proposed Solution(s) *(mandatory by originator)*

BSCP510

Impact on Core Industry Documents or System Operator-Transmission Owner Code *(mandatory by originator)*

None

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

Issue 48 – SMETS & Codes of Practice (CoPs)

P292 - Amending Supplier & Meter Operator Agent responsibilities for smart Meter Technical Details CP1388 and potential alternatives

Requested Implementation Date *(mandatory by originator)*

27 February 2014 or 26 June 2014.

Reason: The February 2014 Release is the earliest available Release and some Suppliers want to use SMETS compliant Meters for Profiling as soon as possible. However, June 2014 may be better as P292 comes into effect at the same time.

Version History *(mandatory by BSCCo)*

Version 1.0 of CP1394 issued on 4 July 2013.

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