

CP1394

About this document:

This is an Assessment Consultation document, which provides details of the background, solution, potential impacts and costs associated with CP1394 'Use of SMETS compliant Meters for Profiling'. This document is for information only, to be used in line with the Consultation Response form, to which this document is attached.

1. Why Change?

Background

Profiling is a technique used in Settlement to determine the pattern across the Settlement year, for the average customer of each of the eight types 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 by getting HH consumption data directly 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 [P223](#)² introduced the minimum requirements in BSCP510 for these Meters used in Profiling before the SMETS were formed.

What is the issue?

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.

ELEXON raised CP1394 'Use of SMETS compliant Meters for Profiling' on 4 July 2013 to address this issue.

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

² 'Improvements to the Profile Administrator Service'



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2. Solution

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.

ELEXON therefore proposes 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 [P292](#)⁴, 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.

Question 1

Do you agree with the proposed change?

Please provide your response and rationale in the response form provided.

3. Impacts and Costs

Potential Central Impacts and Costs

CP1394 will require a minor update to BSCP510 with no system impacts.

ELEXON Estimated Costs and Potential Impacts		
Document Changes	System Changes/Impacts	Total
BSCP510	No system changes or impacts identified.	1 man day equating to £240 ⁵

³ ‘Minimum metering requirements’

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

⁵ Includes all activities associated with implementing this proposal.



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Potential Party Impacts and Costs

CP1394 will have a positive impact on Suppliers, allowing them to use smart Meters that are compliant with the SMETS for obtaining data for use in Profiling.

Party Impacts	
Party type	Potential Impact
Suppliers	Allow the use of smart Meters that are compliant with the SMETS for obtaining data for use in Profiling.

Question 2

Is your organisation impacted? If yes, please answer the following:

Please provide your response and rationale in the response form provided.

Question 3

How is your organisation impacted?

Please provide your response and rationale in the response form provided.

Question 4

What are the associated costs on your organisation to implement this change?

Please provide your response and rationale in the response form provided.

4. Implementation Approach

CP1394 is targeted for implementation on either 27 February 2014 or 26 June 2014 as part of the February 2014 and June 2014 BSC Systems Releases, respectively, and depending on consultation responses.

Question 5

Do you agree with the implementation approach? If not, why?

Please provide your response and rationale in the response form provided.

Question 6

Which implementation date do you prefer? Please say why.

Please provide your response and rationale in the response form provided.



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Question 7

Do you have any other comments?

Please provide your response and rationale in the response form provided.

Attachments:

Attachment A – BSCP510 Redlining v0.1

Attachment B – CP1394 Form

**For more information, please
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