

CP Assessment Report

CP1440 'Exempting Metering Systems in Measurement Class F from proving tests'

ELEXON



Committee

Supplier Volume Allocation Group

Recommendation

Approve

Implementation Date

5 November 2015
(November 2015 Release)



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Contents

1	Why Change?	2
2	Solution	3
3	Impacts and Costs	4
4	Implementation Approach	5
5	Industry Views	6
6	Recommendations	8
	Appendix 1: Glossary & References	9

About This Document

This document is the Change Proposal (CP) Assessment Report for CP1440 which ELEXON will present to the Supplier Volume Allocation Group (SVG) at its meeting on 30 June 2015. The SVG will consider the proposed solution and the responses received to the CP Consultation before making a decision on whether to approve CP1440.

There are three parts to this document:

- This is the main document. It provides details of the solution, impacts, costs, and proposed implementation approach. It also summarises the SVG's initial views on the proposed changes and the views of respondents to the CP Consultation.
- Attachments A-C contain the proposed redlined changes to deliver the CP1440 solution.
- Attachment D contains the full responses received to the CP Consultation.

SVG173/05

CP1440
CP Assessment Report

22 June 2015

Version 1.0

Page 1 of 10

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1 Why Change?

Background

[BSC Procedure \(BSCP\) 514 'SVA Meter Operations for Metering Systems Registered in SMRS'](#) requires Half Hourly Meter Operator Agents (HHMOAs) to perform a proving test under various circumstances. [BSCP502 'Half Hourly Data Collection for SVA Metering Systems registered in SMRS'](#) requires Half Hourly Data Collectors (HHDCs) to provide Half Hourly (HH) Meter readings in support of the proving test.

Since the implementation of [CP1261 'Introducing Metering Code of Practice 10 to facilitate smart metering in the Half Hourly \(HH\) market'](#) in February 2009, HH Metering Systems which comply with [Code of Practice \(CoP\) 10 'Metering of Energy via Low Voltage Circuits for Settlement Purposes'](#) have been exempt from proving tests. Once [CP1411 'Remove exemption from Proving Tests for Code of Practice 10 Metering Systems'](#) is implemented in June 2015, all metered HH Metering Systems will be subject to proving tests. This will include Metering Systems in Measurement Class C 'HH metered in 100kW Premises' and Measurement Class E 'HH metered not 100kW Premises'.

What is the issue?

In November 2015, [Approved Modification P300 'Introduction of new Measurement Classes to support Half Hourly DCUSA Tariff Changes \(DCP179\)'](#) will reclassify HH Metering Systems which do not qualify as 100kW Metering Systems using three Measurement Classes:

- Measurement Class E (redefined): HH current transformer (CT) metered Metering Systems;
- Measurement Class F: HH CT and whole current (WC) Metering Systems; and
- Measurement Class G: non-domestic HH WC metered Metering Systems.

Proving tests will not deliver value for domestic HH Metering Systems in Measurement Class F. This is because data retrieval will be centralised for domestic Metering Systems which have smart Meters serviced by the Data and Communications Company (DCC). As such, the communications details, which are tested by a proving test, will not pass between different agents as they do for HH Metering Systems in Measurement Classes C, E and G. Therefore, the cost of proving tests for domestic Metering Systems is likely to outweigh the benefit the tests will bring, given the low Metered Volumes associated with individual Measurement Class F Metering Systems.

Proposed solution

[CP1440 'Exempting Metering Systems in Measurement Class F from proving tests'](#) was raised by ELEXON. It proposes to introduce an exemption from proving tests for Metering Systems in Measurement Class F. This will remove a barrier to elective HH Settlement for domestic Metering Systems and improve efficiency by removing unnecessary costs in relation to the proving tests.

Proposer's rationale

The Profiling and Settlement Review Group (PSRG) reviewed potential barriers to HH Settlement for domestic Metering Systems (['Half Hourly Settlement for dynamically switched Meters: PSRG impact assessment'](#)). This was in the context of potential options for the Settlement of dynamically switched Metering Systems, once Suppliers replace radio-teleswitched Meters with smart Meters.

On 3 February 2015, the SVG ([SVG168/09](#)) agreed the PSRG's recommendation that ELEXON should raise a CP to exempt Measurement Class F Metering Systems from proving tests. The SVG subsequently agreed to wait until the DCC commissioning process is better understood, before potentially extending the exemption to include DCC-serviced Measurement Class G Metering Systems.

Proposed redlining

Attachments A-C contain the proposed redlined changes to BSCP502, BSCP514 and [CoP4 'The Calibration, Testing and Commissioning Requirements of Metering Equipment for Settlement Purposes'](#) to deliver CP1440.

3 Impacts and Costs

Central impacts and costs

Central impacts

CP1440 will require updates to BSCP502, BSCP514 and CoP4 to implement the proposed solution. No system changes will be required for this CP.

Central Impacts	
Document Impacts	System Impacts
- BSCP502 - BSCP514 - CoP4	None

Central costs

The central implementation costs for CP1440 will be approximately £240 (one man day) for ELEXON to implement the relevant document changes. There are no BSC Agent costs or impacts.

BSC Party & Party Agent impacts and costs

Participant impacts

CP1440 will impact Suppliers and HHMOAs. Five of the eight respondents to the CP Consultation indicated that they would be impacted by CP1440. Respondents commented that this impact would involve changes to current systems to ensure accurate reporting of proving test requirements.

BSC Party & Party Agent Impacts	
BSC Party/Party Agent	Impact
Suppliers	Changes will be required to implement the solution.
HHMOAs	

Participant costs

Four of the eight respondents indicated that there would be costs associated with CP1440. Three of these respondents commented that these costs would be minimal; however two of these respondents had not yet obtained exact costs from their service providers.

The remaining four respondents did not identify any costs associated with CP1440.

SVG173/05

CP1440
CP Assessment Report

22 June 2015

Version 1.0

Page 4 of 10

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Recommended Implementation Date

CP1440 is proposed for implementation on **5 November 2015** as part of the November 2015 BSC Systems Release.

The November 2015 Release is the earliest release that can include this CP. At its meeting on 31 March 2015 ([SVG170](#)), the SVG agreed that this CP should be included as part of the November 2015 Release alongside the other P272 and P300 related changes.

Seven of the eight respondents to the CP Consultation agreed with the proposed Implementation Date for CP1440, so that it is aligned with the P300 Implementation Date and the start of the P272 Change of Measurement Class (CoMC) processes. However, one of these respondents commented that a February 2016 Release date may be more appropriate as it would find it difficult to meet the proposed Implementation Date, taking into account the system changes that would need to be made.

The one respondent who disagreed with the proposed Implementation Date did not support the CP1440 proposed solution and subsequently did not agree with the proposed Implementation Date for this change.

5 Industry Views

This section summarises the responses received to the CP Consultation. You can find the full responses in Attachment D.

Summary of CP1440 CP Consultation Responses				
Question	Yes	No	Neutral/ No Comment	Other
Do you agree with the CP1440 proposed solution?	7	1	0	0
Do you agree that the draft redlining delivers the intent of CP1440?	7	1	0	0
Will CP1440 impact your organisation?	5	3	0	0
Will your organisation incur any costs in implementing CP1440?	4	4	0	0
Do you agree with the proposed implementation approach for CP1440?	7	1	0	0
Do you have any further comments on CP1440?	1	7	0	0

Comments on the CP

Seven of the eight respondents to the CP Consultation agreed with the proposed changes for CP1440. Respondents commented that the change is sensible and would provide further clarity regarding the manner in which domestic HH metering arrangements are managed. One respondent noted that the effort that would be required to complete proving tests for sites in Measurement Class F would far outweigh any benefit and would provide a significant barrier to elective HH Settlement.

Notifying Measurement Class on MOA appointment

One respondent commented that in order to apply an exemption for domestic sites, there needs to be a way for the MOA to identify these. They noted that, currently, there is no means of doing such within the information which the MOA receives and therefore Data Transfer Catalogue (DTC) flow changes would be required to support this proposal.

ELEXON clarified that in the event of a Meter installation or Meter exchange, the MOA will be on site, so will usually know if they are at a domestic premise or a non-domestic premise. In addition, the MOA will know the Measurement Class from the D0289 'Notification of MC/EAC/PC' data flow sent by the Supplier on a Non Half Hourly (NHH) to HH CoMC.

However, ELEXON acknowledged the respondent's concern and noted that there is still an outstanding question of how the new MOA will know on a change of HHMOA (concurrent or not concurrent with a Change of Supplier). This should not present a significant issue, as the HHMOA only requests a proving test on change of agent when carrying out a manual intervention. This will only be the case when the HHMOA is on site, so they will know if they are at a domestic premise. If required, a possible workaround would be to use the contract reference on the D0155 'Notification of Meter Operator or Data Collector

SVG173/05

CP1440
CP Assessment Report

22 June 2015

Version 1.0

Page 6 of 10

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Appointment and Terms' data flow or additional information/customer name on the D0302 'Notification of Customer Details' data flow. ELEXON also suggested that a D0289 data flow could be sent on the appointment of a new MOA, but that this would need to be raised as a change in its own right.

ELEXON acknowledged that the principle of not carrying out proving tests for Measurement Class F is agreed by all respondents to the CP Consultation. Although we recommend that this CP is approved, we recognise that a further change may need to be progressed. We ask the SVG to note that this further change could be developed through the newly-formed Settlement Reform Advisory Group (SRAG) to look at the mechanism for notifying Measurement Class on MOA appointment.

Comments on the proposed redlining

Seven of the eight respondents to the CP Consultation agreed that the proposed redlined changes to BSCP502, BSCP514 and CoP4 deliver the intention of CP1440. The one respondent who disagreed with the proposed redlining did not support the CP1440 proposed solution and so did not agree with the proposed redlined changes.

6 Recommendations

We invite you to:

- **APPROVE** the proposed changes to BSCP502, BSCP514 and CoP4 for CP1440;
- **APPROVE** CP1440 for implementation on 5 November 2015 as part of the November 2015 Release; and
- **NOTE** that a further change could be developed through the SRAG to look at the mechanism for notifying Measurement Class on MOA appointment.

Appendix 1: Glossary & References

Acronyms

Acronyms used in this document are listed in the table below.

Acronyms	
Acronym	Definition
BSC	Balancing and Settlement Code (<i>Industry Code</i>)
BSCP	Balancing and Settlement Code Procedure (<i>Code Subsidiary Document</i>)
CoMC	Change of Measurement Class
CoP	Code of Practice (<i>Code Subsidiary Document</i>)
CP	Change Proposal
CPC	Change Proposal Circular
CT	current transformer
DC	Data Collector (<i>Party Agent</i>)
DCC	Data and Communications Company
HH	Half Hourly
MOA	Meter Operator Agent (<i>Party Agent</i>)
PSRG	Profiling and Settlement Review Group (<i>Panel sub-Committee</i>)
SRAG	Settlement Reform Advisory Group (<i>Panel sub-Committee</i>)
SVG	Supplier Volume Allocation Group (<i>Panel Committee</i>)
WC	whole current

DTC data flows and data items

DTC data flows and data items referenced in this document are listed in the table below.

DTC Data Flows and Data Items	
Number	Name
D0155	Notification of Meter Operator or Data Collector Appointment and Terms
D0289	Notification of MC/EAC/PC
D0302	Notification of Customer Details

External links

A summary of all hyperlinks used in this document are listed in the table below.

All external documents and URL links listed are correct as of the date of this document.

External Links		
Page(s)	Description	URL
2	BSCPs page on the ELEXON website	https://www.elaxon.co.uk/bsc-related-documents/related-documents/bscps/

SVG173/05

CP1440

CP Assessment Report

22 June 2015

Version 1.0

Page 9 of 10

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External Links		
Page(s)	Description	URL
2	CP1261 page on the ELEXON website	https://www.elexon.co.uk/change-proposal/cp1261-introducing-metering-code-of-practice-10-to-facilitate-smart-metering-in-the-half-hourly-hh-market/
2	CoPs page on the ELEXON website	https://www.elexon.co.uk/bsc-related-documents/related-documents/codes-of-practice/
2	CP1411 page on the ELEXON website	https://www.elexon.co.uk/change-proposal/cp1411/
2	P300 page on the ELEXON website	https://www.elexon.co.uk/mod-proposal/p300/
3	CP1440 page on the ELEXON website	https://www.elexon.co.uk/change-proposal/cp1440/
3	Half Hourly Settlement for dynamically switched Meters: PSRG impact assessment page on the ELEXON website	https://www.elexon.co.uk/consultation/half-hourly-settlement-dynamically-switched-meters-psrg-impact-assessment-november-2014/
3	SVG168 page on the ELEXON website	https://www.elexon.co.uk/meeting/svg-168/
5	SVG170 page on the ELEXON website	https://www.elexon.co.uk/meeting/svg-170/

SVG173/05

CP1440

CP Assessment Report

22 June 2015

Version 1.0

Page 10 of 10

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