

CP Assessment Report

CP1415 'Reading submission frequency for smart Meters'

ELEXON



Committee

Supplier Volume Allocation Group

Recommendation

Approve

Implementation Date

25 June 2015 (June 2015 Release)



Any questions?

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About This Document

This document is the Change Proposal (CP) 1415 Assessment Report which ELEXON will present to the Supplier Volume Allocation Group (SVG) at its meeting on 2 September 2014. The SVG will consider the proposed solution and the responses received to the CP Consultation before deciding whether to approve CP1415.

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.
- Attachment A contains the proposed redlined changes to deliver the CP1415 solution.
- Attachment B contains the full responses received to the CP Consultation.

1 Why Change?

Background

There is a general requirement in Balancing and Settlement Code Procedure (BSCP) [504 'Non Half Hourly Data Collection for SVA Metering Systems Registered in SMRS'](#) section 1.2.1 for Non Half Hourly Data Collectors (NHHDCs) to submit all valid Meter readings into Settlement.

BSCP504 section 4.11 allows Suppliers to submit pre-payment readings to NHHDCs at intervals of no longer than three months (where received more frequently from the Pre-payment Meter Infrastructure Provider (PPMIP)). So if customers make frequent pre-payment top-ups, Suppliers are not required to process all the associated readings for Settlement purposes.

[CP1252 'Reading Submission Frequency for remote meter readings'](#), implemented in February 2009, recognised that the increasing deployment of advanced metering would result in more readings being obtained than was previously the case. CP1252 therefore created an exception in BSCP504 section 4.20, whereby NHHDCs would not be required to process readings retrieved more frequently than once every three months for Metering Systems Profile Classes (PC) 1 to 4 or more than once a month for Metering Systems PCs 5 to 8. This would not prevent the NHHDC from processing more readings if its Supplier wanted it to, nor would it oblige the NHHDC to retrieve readings with these frequencies.

What is the issue?

The requirements in BSCP504 section 4.20 have been reviewed by a joint BSC – Master Registration Agreement (MRA) working group looking at consequential changes arising from the mass roll-out of smart metering. It was agreed by the group that the requirements are relevant for smart Meters as well as advanced Meters. The essential difference is that the choice of which readings to process for advanced Meters sits with the NHHDC, but for smart Meters should rest with the Supplier.

Proposed solution

[CP1415 'Reading submission frequency for smart Meters'](#) proposes to amend the requirements in BSCP504 4.20 so that the decision about which readings to process should be made by the Supplier rather than the NHHDC, in those cases where the Supplier is retrieving the readings e.g. for smart Meters serviced by the Data and Communications Company (DCC).

A clarification needs to be added that where readings are retrieved by the NHHDC, the NHHDC is not obliged to, but may:

- process readings more frequently than once a month for Metering Systems in PCs 5 to 8; or
- more frequently than once every three months for Metering Systems in PCs 1 to 4 (where retrieved more frequently from the Meter).

In addition, where readings are retrieved by the Supplier, clarification is needed that:

- The Supplier is not obliged to, but may, send readings to the NHHDC more frequently than once a month for Metering Systems in PCs 5 to 8 or more frequently than once every three months for Metering Systems in PCs 1 to 4 (where retrieved more frequently from the Meter); and
- The NHHDC is obliged to process all readings received from the Supplier.

These requirements do not prevent the Supplier or NHHDC (as applicable) from retrieving readings less frequently than once a month for Metering Systems in PCs 5 to 8 or less frequently than once every three months for Metering Systems in PCs 1 to 4.

Proposer's rationale

This change will mitigate the risk of incurring excessive costs in Supplier, NHHDC and Non Half Hourly Data Aggregator (NHHDA) systems and processes to process readings at a frequency that does not materially improve the accuracy of Settlement or that introduces unwanted volatility in Settlement volumes. This change should therefore achieve an appropriate balance between improved Settlement accuracy and the costs that would be incurred if an excessive volume of readings were processed.

Proposed redlining

The proposed redlining to BSCP504 to deliver CP1415 can be found in Attachment A.

3 Impacts and Costs

Central impacts and costs

Central impacts

CP1415 will require an update to BSCP504 to implement the proposed solution. You can find the proposed changes in Attachment A. No central system changes will be required for this CP.

Central Impacts	
Document Impacts	System Impacts
<ul style="list-style-type: none">BSCP504	<ul style="list-style-type: none">None

Central costs

The central implementation costs for CP1415 will be approximately £240 (1 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

CP1415 will impact Suppliers and NHHDCs. Seven of the nine respondents to the CP Consultation indicated that there would be system and process changes required.

BSC Party & Party Agent Impacts	
BSC Party/Party Agent	Impact
Suppliers	Updates to systems and processes to implement the solution.
NHHDCs	

Participant costs

Three of the nine respondents to the CP Consultation indicated that there would be costs associated with CP1415, although they all indicated that these would be low. Only one respondent commented that they were unable to provide details on associated costs for delivering the change at this time.

Attachment B contains the full responses made by participants on the expected impacts and costs for CP1415.

4 Implementation Approach

Recommended Implementation Date

CP1415 was originally targeted for implementation on 26 February 2015 as part of the February 2015 BSC Systems Release. This was so the changes could be implemented at the same time as other smart Metering consequential changes and in good time for the initial live operation of the DCC, which is planned for December 2015.

Seven of the nine respondents to the CP Consultation agreed with this proposed Implementation Date, whilst two respondents disagreed. One of the respondents commented that although the change would not require any systems changes until the introduction of the DCC, the associated [CP1417 'Reading validation for smart Meters'](#) change will require a large amount of investigation and potential effort to implement. As such, it was suggested that CP1415, [CP1416 'Remotely disabled smart Meters'](#) and CP1417 are all implemented in the November 2015 Release in time for the introduction of the DCC in December 2015.

The other respondent commented that implementing this change in February 2016 would be a more sensible approach and would not detrimentally impact the Smart programme. The same respondent also questioned whether the changes would need to be live for the testing and Initial Live Operation phase of the DCC.

Attachment B contains the full responses made by participants regarding the proposed Implementation Date.

We noted that the purpose of the change was to be 'ready in good time for the initial live operation of the DCC, which is planned for December 2015'. Taking respondents' concerns and other already-approved industry changes for February 2015 into account (including Electricity Market Reform (EMR)), we believe that it would be more appropriate to implement CP1415 on **25 June 2015** as part of the June 2015 Release. This will allow participants more time to implement the changes and allow time to align a Data Transfer Catalogue (DTC) change in support of CP1417.

5 Initial Committee Views

SVG's initial views

ELEXON presented CP1415 to the SVG for comment at its meeting on 1 July 2014 ([SVG161/04](#)). The SVG had no initial comments on the proposed changes.

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6 Industry Views

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

Summary of CP1415 CP Consultation Responses				
Question	Yes	No	Neutral/ No Comment	Other
Do you agree with the CP1415 proposed solution?	9	0	0	0
Do you agree that the draft redlining delivers the intent of CP1415?	9	0	0	0
Will CP1415 impact your organisation?	7	2	0	0
Will your organisation incur any costs in implementing CP1415?	3	5	0	1
Do you agree with the proposed implementation approach for CP1415?	7	2	0	0
Do you have any further comments on CP1415?	0	9	0	0

Comments on the CP

Respondents to the CP Consultation unanimously agreed with the proposed changes. Respondents commented that the proposed changes provide clarity and agreed that where the Supplier is receiving readings directly via the DCC, it makes sense for the Supplier to be the one responsible for determining the frequency of readings in Settlement.

Comments on the proposed redlining

No comments were received on the proposed redlined text for CP1415.

7 Recommendations

We invite you to:

- **APPROVE** the proposed changes to BSCP504 for CP1415; and
- **APPROVE** CP1415 for implementation on 25 June 2015 as part of the June 2015 Release.

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Appendix 1: Glossary & References

Acronyms

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

Glossary of Defined Terms	
Acronym	Definition
BSC	Balancing and Settlement Code
BSCP	Balancing and Settlement Code Procedure
CP	Change Proposal
DA	Data Aggregator
DC	Data Collector
DCC	Data and Communications Company
DTC	Data Transfer Catalogue
EMR	Electricity Market Reform
HH	Half Hourly
MRA	Master Registration Agreement
NHH	Non Half Hourly
PC	Profile Class
PPMIP	Pre-payment Meter Infrastructure Provider
SVG	Supplier Volume Allocation Group

External links

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

External Links		
Page(s)	Description	URL
2	BSCP504 (BSCPs) page of website	http://www.elexon.co.uk/bsc-related-documents/related-documents/bscps/
2	CP1252 webpage on ELEXON website	http://www.elexon.co.uk/change-proposal/cp1252-reading-submission-frequency-for-amr-meters/
3	CP1415 webpage on ELEXON website	http://www.elexon.co.uk/change-proposal/cp1415/
5	CP1417 webpage on ELEXON website	http://www.elexon.co.uk/change-proposal/cp1417/
5	CP1416 webpage on ELEXON website	http://www.elexon.co.uk/change-proposal/cp1416/
5	SVG161 page on ELEXON website	http://www.elexon.co.uk/meeting/svg-160-2/

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