

CP1449 'Updates to BSCP520 and the SVA Data Catalogue following a review'

ELEXON



Contact

David Kemp

020 7380 4303

david.kemp@elexon.co.uk



Contents

1	Why Change?	2
2	Solution	5
3	Impacts and Costs	7
4	Implementation Approach	8
5	Initial Committee Views	8
	Appendix 1: Glossary & References	9

About This Document

The purpose of this Change Proposal (CP) Consultation for CP1449 is to invite BSC Parties, Party Agents and other interested parties to provide their views on the impacts and the merits of CP1449. The Supplier Volume Allocation Group (SVG) will then consider the consultation responses before making a decision on whether or not to approve CP1449.

There are six 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.
- Attachment A contains the CP1449 proposal form.
- Attachments B-D contain the proposed redlined changes to deliver the CP1449 solution.
- Attachment E contains the specific questions on which we seek your views. Please use this form to provide your response to these questions, and to record any further views or comments you wish to be considered.

CP1449
CP Consultation

5 October 2015

Version 1.0

Page 1 of 10

© ELEXON Limited 2015

1 Why Change?

Current UMS requirements

[Balancing and Settlement Code \(BSC\) Procedure \(BSCP\) 520 'Unmetered Supplies Registered in SMRS'](#) defines all the detailed BSC processes for Unmetered Supplies (UMS). This includes registering such sites and the methods by which we derive their consumption data for Settlement.

What is the issue?

After reviewing BSCP520 and speaking with Unmetered Supply Operators (UMSOs) and the Unmetered Supply Users Group (UMSUG), we believe this document does not reflect current operational practice for certain processes. To reduce ambiguity in the Settlement arrangements and improve efficiency, we believe it would be appropriate to align this document with current operational practice.

The UMSUG has reviewed these changes and recommends this CP should be progressed ([UMSUG115/02](#)).

Removal of redundant or unnecessary data flows

Participants have identified several Supplier Volume Allocation (SVA) flows (also referred to as 'P-flows' or 'paper flows') defined in the [SVA Data Catalogue](#) that are sent under the BSCP520 arrangements. These are, in practice, sent by email between participants by email without adhering to the flow structure, where the participants have agreed between them. In many cases this is because the relevant information or the frequency of it being sent is considered inappropriate for a flow, and that it is more pragmatic to issue the information via a standard email exchange. However, the use of these alternative methods has led to questions being raised by the BSC Auditor when seeking the relevant data flows as part of their auditing the process. Answering these questions takes up unnecessary time and effort with Meter Administrators (MAs) and UMSOs.

P0064 'Summary Inventory (for Half Hourly Trading)'

This flow should be used by UMSOs to pass Summary Inventory information to the relevant MA to load into its systems. The format of this flow is currently detailed within the SVA Data Catalogue. However, at least one UMSO does not use the exact format specified by the Data Catalogue, which means the MA needs to convert the file to load it. This introduces the risk of human error.

After reviewing this flow, we have identified several errors within the catalogue that need to be resolved. Noting this, and in the interests of flexibility, we consider that the most pragmatic solution is to remove the P0064 flow. We will instead, as part of this CP, detail within BSCP520 the specific file structure to be used by the UMSO when sending this data to the MA, in line with how other similar file structures are laid out. The errors identified will be resolved as part of the process of specifying the file structure.

P0068 'UMS EM Technical Details'

The P0068 flow is no longer referenced in BSCP520, and is not used in any other BSCPs. The flow is therefore redundant and so, for clarity, should be removed from the SVA Data Catalogue.

P0173 'Confirmation of End Readings Date' and P0174 'Confirmation of Start Readings Date'

We have been notified by several participants that the P0173 and P0174 flows are not generally used in practice. Instead, Suppliers will usually notify the relevant MA and Half Hourly Data Collector (HHDC) of any changes of agent and the corresponding dates through alternative methods, such as a standard email exchange. The Supplier Agents will then ensure all data is successfully exchanged for the periods of their appointments, with BSCP520 already requiring the MA to update the HHDC where information changes.

We therefore consider that these two flows should be removed, and BSCP520 enhanced to ensure the Supplier notifies the relevant Supplier Agents of each relevant date via more flexible methods of communication.

P0176 'Request for EM Details'

Similarly to above, the information passed via the P0176 flow tends to be issued by standard email exchange rather than through a full flow.

Furthermore, this flow contains the 'Sub-Meter ID' data item, which must match exactly with that given in the separate Central Management System (CMS) file. This item must be consistent between the CMS, the UMSO and the MA to enable the CMS to operate successfully. As this information exchange is infrequent, it is considered by participants that this should not be contained in a flow.

We therefore consider that this flow should be removed, and BSCP520 enhanced to ensure the relevant information is supplied.

Housekeeping and other clarification changes

Alongside this, we have also identified several housekeeping changes and other areas within BSCP520 that need to be clarified. We consider that these should be resolved as part of this change to improve the clarity of the document.

- There are numerous instances of inconsistent use of terminology, incorrect capitalisation or redundant acronyms that should be tidied up.
- Sections 1.2.4.4 and 1.5 need to be updated following the implementation of [P317 'Changes to the Unmetered Supplies obligations in the BSC'](#) in the June 2015 Release, to remove paragraphs that are now redundant.
- Areas for clarification were recently identified with the details of some of the revised event log file (version 2 or greater) in Section 4.6.3.3, following issues that were identified during the testing for a recent CMS. The current wording is ambiguous with regard to incremental data for street lights that were missing in the original version 1 file. In this scenario, all the events for the individual street

light need to be resent, not just incremental events. This is due to the way that Equivalent Meters (EMs) process the changes to this data.

- Clarification should be added to the 'Hash Total' field of the EM Output File in Section 4.6.4 following an issue identified in December 2014. This issue arose where an upgrade to EM software included a sum of the data including the decimal places in the 'Hash Total' field. This caused validation issues with a HHDC. The EM software has since been revised, and this CP seeks to remove any ambiguity from the BSCP.

Proposed solution

[CP1449 'Updates to BSCP520 and the SVA Data Catalogue following a review'](#) was raised by ELEXON.

It proposes to remove the following five flows from the SVA Data Catalogue, for the reasons provided in Section 1. Instead, where applicable, the text within BSCP520 will be enhanced to specify the information that should be sent at the relevant steps - the proposed changes to deliver this are set out in the redlined changes to BSCP520 in Attachment B.

- P0064 'Summary Inventory (for Half Hourly Trading)' – referenced in BSCP520 paragraphs 3.1.12, 3.1.14, 3.2.3, 3.2.5, 3.3.19 and 3.4.4, with the replacement file structure specified in Section 4.6.5.
- P0068 'UMS EM Technical Details' – no references in BSCP520.
- P0173 'Confirmation of End Readings Date' – referenced in BSCP520 paragraphs 3.3.1.12, 3.5.3 and 3.7.4.
- P0174 'Confirmation of Start Readings Date' – referenced in BSCP520 paragraphs 3.5.3 and 3.7.4.
- P0176 'Request for EM Details' – referenced in BSCP520 paragraph 3.1.7.

It will also make the following housekeeping and clarification changes within BSCP520:

- All references to 'SVA Metering System' will be converted to 'MSID' (Metering System Identifier) to ensure consistent terminology throughout the document;
- All defined terms that should be capitalised but are not will be corrected;
- The terms 'Change of Measurement Class' and 'Metering Equipment Technical Details' and accompanying acronyms will be removed from the glossary in Section 1.7.1 as they are no longer used within BSCP520;
- The link to the Managing Unmetered Energy Street Lighting Inventories (MUESLI) website will be updated to www.theilp.org.uk;
- Text will be clarified to reflect that the MA sends data to the HHDC, rather than the HHDC 'collecting' data (this is a clarification change only);
- A paragraph in each of Sections 1.2.4.4 and 1.5 have been deleted as they are no longer relevant following the implementation of P317;
- Further detail and clarity has been added in to Section 4.6.3.3 regarding the structure of the relevant flows and what needs to be submitted; and
- Clarification has been added to the 'Hash Total' field of the EM Output File in Section 4.6.4 that this is the sum *of the integer values* of the relevant readings.

These changes will ensure that BSCP520 and the SVA Data Catalogue fully reflect operational practice. It will also increase flexibility in the process and reduce the amount of time participants spend resolving Audit issues relating to these processes. This was deemed by the UMSUG to be the most cost-effective and pragmatic approach to take following the review.

CP Consultation Question

Do you agree with the CP1449 proposed solution?

Please provide your rationale.

We invite you to give your views using the response form in Attachment E

Proposed redlining

The proposed redlined changes to BSCP520 and the SVA Data Catalogue to deliver CP1449 can be found in Attachments B-D.

CP Consultation Question

Do you agree that the draft redlining delivers the CP1449 proposed solution?

If 'No', please provide your rationale.

We invite you to give your views using the response form in Attachment E

3 Impacts and Costs

Central impacts and costs

CP1449 will require changes to BSCP520 and the SVA Data Catalogue. No system changes are required, and there will be no impact on BSC Agents.

The central implementation costs for CP1449 will be approximately £240 (one ELEXON man day) to implement the relevant document changes.

Central Impacts	
Document Impacts	System Impacts
<ul style="list-style-type: none">BSCP520SVA Data Catalogue Volume 1SVA Data Catalogue Volume 2	<i>None</i>

BSC Party & Party Agent impacts and costs

CP1449 seeks to update BSCP520 to reflect current operational practice. The changes it is making will either relax the requirements for sending some information between participants, or will clarify existing details or correct typographical errors. As such, it should not impact Suppliers or Supplier Agents, although the relevant participants may wish to update any internal processes or documents in line with these changes. We seek confirmation of this as part of this CP Consultation.

BSC Party & Party Agent Impacts	
BSC Party/Party Agent	Impact
Suppliers	No mandatory impacts anticipated to implement CP1449.
Half Hourly Data Collectors	
Meter Administrators	
Unmetered Supply Operators	

CP Consultation Questions

Will CP1449 impact your organisation?

If 'Yes', please provide a description of the impact(s) on your organisation and any activities which you will need to undertake between the approval of CP1449 and the CP1449 Implementation Date (including any necessary changes to your systems, documents and processes). Where applicable, please state which of the roles that you operate as will be impacted and any differences in the impacts between each role.

Will your organisation incur any costs in implementing CP1449?

If 'Yes', please provide details of these costs, how they arise and whether they are one-off or on-going costs.

We invite you to give your views using the response form in Attachment E

4 Implementation Approach

Recommended Implementation Date

We recommend that CP1449 is implemented on **25 February 2016** as part of the February 2016 BSC Systems Release.

CP1449 is a document-only change that should not impact participants. The February 2016 Release is therefore the earliest Release that this CP can be included in.

CP Consultation Question

Do you agree with the proposed implementation approach for CP1449?

Please provide your rationale.

We invite you to give your views using the response form in Attachment E

5 Initial Committee Views

SVG's initial views

We presented CP1449 to the SVG for initial comment on 29 September 2015 ([SVG176/07](#)).

The SVG had no initial comments on this CP and did not request any additional questions be asked in the CP Consultation.

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>)
CMS	Central Management System
CP	Change Proposal
EM	Equivalent Meter
HHDC	Half Hourly Data Collector (<i>Party Agent</i>)
MA	Meter Administrator (<i>Party Agent</i>)
MSID	Metering System Identifier
MUESLI	Managing Unmetered Energy Street Lighting Inventories
SVA	Supplier Volume Allocation
SVG	Supplier Volume Allocation Group (<i>Panel Committee</i>)
UMS	Unmetered Supplies
UMSO	Unmetered Supplies Operator
UMSUG	Unmetered Supply Users Group (<i>SVG sub-group</i>)

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.elexon.co.uk/bsc-related-documents/related-documents/bscps/
2	UMSUG 115 page on the ELEXON website	https://www.elexon.co.uk/meeting/umsug-115/
2	Business Definition Documents page on the ELEXON website	https://www.elexon.co.uk/bsc-related-documents/related-documents/business-definition-documents/
3	P317 page on the ELEXON website	https://www.elexon.co.uk/mod-proposal/p317/
4	CP1449 page on the ELEXON website	https://www.elexon.co.uk/change-proposal/cp1449/
4	MUESLI website	http://www.theilp.org.uk/

CP1449
CP Consultation

5 October 2015

Version 1.0

Page 9 of 10

© ELEXON Limited 2015

External Links

Page(s)	Description	URL
7	SVG176 page on the ELEXON website	https://www.elexon.co.uk/meeting/svg-176/