

CP Consultation

CP1598 'Amending the EMDS to add missing Scenario Variants for P375'

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Committee

ISG + SVG



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About This Document

You can find the definitions of the terms and acronyms used in this document in the [BSC Glossary¹](#).

The purpose of this Change Proposal (CP) Consultation is to invite BSC Parties, Party Agents and other interested parties to provide their views on the impacts and the merits of CP1598. The Imbalance Settlement Group (ISG) and Supplier Volume Allocation Group (SVG) will then consider the consultation responses before making a decision on whether or not to approve CP1598.

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 ISG and SVG's initial views on the proposed changes.
- Attachment A contains the CP proposal form.
- Attachment(s) B-D contain(s) the proposed redlined changes to deliver the CP1598 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.



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¹ <https://www.elexon.co.uk/glossary/?show=all>



We suggest reading the following sections:

- Have 5 minutes?
Read section 1
- Have 15 minutes?
Read sections 1, 4, 5 and 6
- Have 30 minutes?
Read all sections
- Have longer? Read all sections and the annexes and attachments

Why change?

BSCP603 'Meter Operations and Data Collection for Asset Metering Systems', which was introduced for [P375 'Settlement of Secondary BM Units using metering behind the site Boundary Point'](#)², specified the new Scenario Variants of several existing Supplier Hub Market Messages for use in the Asset Metering Virtual Lead Party (AMVLP) Hub processes.

[BSC Panel Paper 318/06 'Approval of P375 Configurable Item changes for the June 2022 BSC Release'](#)³ Attachment B specified changes required to the Energy Market Data Specification (EMDS) for P375.

Approved BSC Modification [P395 'Aligning BSC Reporting with EMR Regulations – an enduring solution'](#)⁴ was implemented on 2 November 2023 and introduced a new Scenario Variant of the D0390, but no EMDS change was progressed at the time.

Elxon has become aware that six Scenario Variants of Market Messages specified in BSCP603 were omitted in error from Panel paper 318/06 Attachment B.

As these Scenario Variants are not captured in the EMDS, the relevant Market Participants won't be able to use the Data Transfer Network (DTN) to exchange the relevant data, which would result in them having to use a less secure mechanism to send and receive data.

The Supplier Volume Allocation (SVA) Data Catalogue Volume 1 Data Interfaces also contains some references to BSCP502 'Half Hourly Data Collection for SVA Metering Systems Registered in SMRS' for HHDC Asset Metering Activities and some references to BSCP514 'SVA Meter Operations for Metering Systems Registered in SMRS' for Meter Operator Agent (MOA) Asset Metering Activities, which should be references to BSCP603.

Solution

This CP proposes to amend the SVA Data Catalogue Volume 1 'Data Interfaces' to add the missing Scenario Variants and correct the references to BSCP502 and BSCP514 for Asset Metering. As no new or amended Market Messages are being added to the SVA Data Catalogue Volume 1, only new Scenario Variants of existing Market Messages, there are no new Data Items, so there is no impact on the SVA Data Catalogue Volume 2 'Data Items'.

It also proposes to amend the EMDS to add the missing Scenario Variants of the relevant Market Messages and amend the SVA Data Catalogue. As all impacted Market Messages are BSC-owned, a parallel Retail Energy Code (REC) Change Proposal is not required to effect these changes.

Impacts and costs

This is a document-only change and the Elxon central implementation cost is approximately £1k.

² <https://www.elxon.co.uk/mod-proposal/p375/>

³ https://www.elxon.co.uk/documents/groups/panel/2021-meeting/318-september/14_318-06-approval-of-p375-configurable-item-changes-for-the-june-2022-bsc-release/

⁴ <https://www.elxon.co.uk/mod-proposal/p395/>

We expect this Change Proposal to impact Asset Metering Virtual Lead Parties (AMVLPs), Suppliers, Half Hourly Data Collectors (HHDCs) and SVA Meter Operator Agents (MOAs). Suppliers and AMVLPs will be able to send D0268s relating to Asset Metering and receive D0390s across the DTN, while MOAs and HHDCs will be able to send D0011s to AMVLPs and receive D0268s relating to Asset Metering across the DTN.

Implementation

This CP is proposed for implementation on **7 November 2024** as part of the November 2024 Standard BSC Release.

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2. Why Change?

What is the issue?

BSC Panel Paper 318/06 'Approval of P375 Configurable Item changes for the June 2022 BSC Release' Attachment B specified changes required to the EMDS for P375.

Approved BSC Modification P395 'Aligning BSC Reporting with Electricity Market Reform Regulations – an enduring solution' introduced a new Scenario Variant of the D0390, but no EMDS change was progressed at the time.

Elxon has become aware that six Scenario Variants of Market Messages specified in BSCP603 were omitted in error from Panel paper 318/06 Attachment B:

- D0008 'Meter Advance Reconciliation Report' from Half Hourly Data Collector (HHDC) to SVA Meter Operator Agent (MOA)
- D0011 'Agreement of Contractual Terms' from MOA to AMVLP
- D0268 'Half Hourly Meter Technical Details' from AMVLP to MOA
- D0268 'Half Hourly Meter Technical Details' from Supplier to MOA
- D0390 'Asset Metering System Half Hourly Metered Data' from HHDC to AMVLP
- D0390 'Asset Metering System Half Hourly Metered Data' from HHDC to Supplier

As these Scenario Variants are not captured in the EMDS, the relevant Market Participants won't be able to use the Data Transfer Network (DTN) to exchange the relevant data, which would result in them having to use a less secure mechanism to send and receive data.

The SVA Data Catalogue Volume 1 Data Interfaces contains some references to BSCP502 for HHDC Asset Metering Activities and some references to BSCP514 for MOA Asset Metering Activities, which should be references to BSCP603.

Background

Approved BSC Modification P375 'Settlement of Secondary BM Units using metering behind the site Boundary Point', which was implemented in June 2022, introduced the new Market Participant role of AMVLP and the concept of the 'AMVLP Hub' which was based on the Supplier Hub Principle. It allowed Metering Equipment situated 'behind' the defined Boundary Point to be used for Settlement purposes in place of the Boundary Point Meter. Primarily, this allowed balancing-related services on-site from smaller assets to be separated from current imbalance-related activities, more accurately reflecting the balancing-energy volumes provided by the Balancing Service Provider (BSP). P375 also introduced BSCP603 to specify the use of several existing Supplier Hub Market Messages by the AMVLP Hub processes.

Approved BSC Modification P395 introduced and amended processes so that the BM Unit Gross Demand Report to the EMR Settlement limited (EMRS) only includes electricity 'supplied' to premises by Licensed Suppliers. It therefore excludes electricity imported by Generators operated by a licensee for generation activities (i.e. those activities authorised by their generation licence to carry out).

Market Messages and Data Items used in BSC processes are held in the Retail Energy Code (REC) Energy Market Data Specification, but owned by the BSC. Therefore, a parallel

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Retail Energy Code (REC) Change Proposal is not required to effect these changes in this Change Proposal.

3. Solution

Proposed solution

This CP proposes to amend the SVA Data Catalogue Volume 1 ‘Data Interfaces’ to add the missing Scenario Variants and correct the references to BSCP502 and BSCP514 for Asset Metering. As no new or amended Market Messages are being added to the SVA Data Catalogue Volume 1, only new Scenario Variants of existing Market Messages, there are no new Data Items, so there is no impact on the SVA Data Catalogue Volume 2 ‘Data Items’.

It also proposes to amend the EMDS to add the missing Scenario Variants of the relevant Market Messages and amend the SVA Data Catalogue. As all impacted Market Messages are BSC-owned, a parallel Retail Energy Code (REC) Change Proposal is not required to effect these changes.

Proposer’s rationale

This change is required to enable AMVLPs, Suppliers, MOAs and HHDCs to send and receive P375 and/or P395 data across the DTN, as originally specified in the solutions to those approved Modifications.

CP Consultation Question
Do you agree with the CP1598 proposed solution? <i>Please provide your rationale.</i>
We invite you to give your views using the response form in Attachment E

Proposed redlining

Attachments B-D contains the proposed redlining to give effect to this Change Proposal.

Attachment B: Proposed changes to the EMDS

Attachment C: Redlined changes to the SVA Data Catalogue Volume 1 Appendix A ‘Data Interface Index’

Attachment D: Redlined changes to the SVA Data Catalogue Volume 1 Appendix B ‘Data Interface Definition’

Please note that the redlining of the SVA Data Catalogue Volume 1 Appendices are provided as extracts of the relevant parts, rather than the entire documents, to make it easier for reviewers to see the changes.

CP Consultation Question

Do you agree that the draft redlining delivers the CP1598 proposed solution?
If 'No', please provide your rationale.

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

4. Impacts and Costs

BSC Party & Party Agent impacts and costs

Participant impactsInsert Body Text Here

BSC Party & Party Agent Impacts	
BSC Party/Party Agent	Impact
Suppliers	Will be able to send D0268s relating to Asset Metering and receive D0390s across the DTN
AMVLPs	Will be able to send D0268s relating to Asset Metering and receive D0390s across the DTN
MOAs	Will be able to send D0011s to AMVLPs and receive D0268s relating to Asset Metering across the DTN
HHDCs	Will be able to send D0390s to AMVLPs and Suppliers D0268s across the DTN. Will be able to send the D0008 relating to Asset Metering to SVA MOAs across the DTN

Central impacts and costs

Central impacts

Changes are required to the EMDS to enable the relevant Market Participants to be able to use the DTN to exchange the relevant data. As all impacted Market Messages are BSC-owned, a parallel REC Change Proposal is not required to effect these changes.

Central Impacts	
Document Impacts	System Impacts
<ul style="list-style-type: none">SVA Data Catalogue Volume 1: Appendix A – Data Interface IndexSVA Data Catalogue Volume 1: Appendix B – Data Interface DefinitionEMDS	<ul style="list-style-type: none">No system impact

Impact on BSC Settlement Risks

Impact on BSC Settlement Risks
No adverse impact on the BSC Settlement Risks have been identified.

Impact on Market-wide Half Hourly Settlement (MHHS)

Impact on MHHS
None – Asset Metering is not relevant to the MHHS arrangements.

Central costs

This is a document only change. Changes are required to the SVA Data Catalogue Volume 1 Appendix A and B, and four Market Messages. The central implementation costs for this CP will be approximately £1k.

CP Consultation Question
Will CP1598 impact your organisation? <i>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 CP1598 and the CP1598 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.</i>
Will your organisation incur any costs in implementing CP1598? <i>If 'Yes', please provide details of these costs, how they arise and whether they are one-off or on-going costs.</i>
We invite you to give your views using the response form in Attachment E

5. Implementation Approach

Recommended Implementation Date

This CP is proposed for implementation on 7 November 2024 as part of the November 2024 Standard BSC Release. This will ensure that the relevant Market Participants will be able to use the DTN to exchange the relevant data for the benefit of all BSC Parties and Party Agents at the earliest opportunity.

CP Consultation Question
Do you agree with the proposed implementation approach for CP1598? <i>Please provide your rationale.</i>
We invite you to give your views using the response form in Attachment E

ISG and SVG’s initial views

CP1598 was presented to the SVG (281_02)⁵ on 2 July 2024 and was recommended for progression without comment.

The ISG did not form a quorate committee and were therefore unable to meet to consider CP1598. As the purpose of the presentation was for information only (no decision required), this CP will continue to the consultation phase. Members have been invited to give their views on the CP1598 via email and any late feedback can be considered at their September meeting, when the ISG will be invited to come to a decision on CP1598.

⁵ <https://www.elexon.co.uk/meeting/svg281/>