ELEXON

CP Assessment Report

CP1573 ‘Amendments to the approved NETA Interface Design Document Spreadsheet and SVA Data Catalogue Volume 2 for P376’

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About This Document

Not sure where to start? We suggest reading the following sections:

- Have 5 mins? Read section 1
- Have 15 mins? Read sections 1, 4, 5 and 6
- Have 30 mins? Read all sections
- Have longer? Read all sections and the annexes and attachments
- *You can find the definitions of the terms and acronyms used in this document in the BSC Glossary*

This document is the Change Proposal (CP) Assessment Report for CP1573 which Elexon will present to the SVG at its meeting on 10 January 2023 and the ISG at its meeting on 10 January 2023. The Committee(s) will consider the proposed solution and the responses received to the CP Consultation before making a decision on whether to approve CP1573.

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 and the views of respondents to the CP Consultation.
- Attachment A contains the CP proposal form.
- Attachments B-D contain the proposed redlined changes to deliver the CP1573 solution.
- Attachment E contains the full responses received to the CP Consultation.

Committee

Supplier Volume Allocation Group (SVG)

Imbalance Settlement Group (ISG)

Recommendation

Approve

Implementation Date

23 February 2023

(February 2023 Release)

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ISG261, SVG263

CP1573

CP Assessment Report

10 January 2023

Version 1.0

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1. Summary

Why change?

The New Electricity Trading Arrangements (NETA) Interface Definition and Design (IDD) Part 1 Spreadsheet and Supplier Volume Allocation (SVA) Data Catalogue Volume 2 Appendix C were among the BSC Configurable Items (CI) amended for P376 'Utilising a Baselining Methodology to set Physical Notifications', and approved by the Supplier Volume Allocation Group (SVG) (SVG 258/05) and the Imbalance Settlement Group (ISG) (ISG 256/01) on 2 August 2022.

The SVG also approved the format for new Market Message D0393 'Metered Volume History Acceptance' on 2 August 2022, for implementation in the February 2023 Release of the Retail Energy Code (REC) Energy Market Architecture Repository (EMAR) Data Specification.

During the continued P376 development process, Elexon has identified that some amendments are required to the approved changes to the IDD Part 1 Spreadsheet, SVA Data Catalogue Volume 2 and the Retail Energy Code's' EMAR Data Specification to ensure that the BSC CIs accurately reflect the P376 solution. Elexon has also identified that a change is required to the structure of the D0393 Market Message 'Metered Volume History Acceptance'.

Solution

This CP seeks to amend the IDD Part 1 Spreadsheet and SVA Data Catalogue Volume 2 to accurately reflect information relating to new data flow P0333 'Baselining Expected Volume Report' being introduced through P376 for BSC Parties.

It also seeks to amend the HDI group in the P0311 'Invalid Metering System Data' flow to reinstate the Message Role 'D' (Data) to ensure the structure of P0311 is not changed by P376 implementation.

Furthermore, a change is required to the format of the new D0393 'Metered Volume History Acceptance' Market Message, so that the 'History Days' group is optional, to ensure that HHDAs will be able to respond appropriately to a D0393 Market Message 'Request for Metered Volume History.

Impacts and costs

This CP will have a positive impact on Asset Metering Virtual Lead Parties (AMVLPs), Supplier Agents and VLPs by providing accurate information in the relevant Interface Design Document (IDD) and Business Definition Documents (BDDs).

This is a document only change that affect the IDD Part 1 spreadsheet, SVAA Tab and SVA Data Catalogue Volume 2 'Data Items' Appendix C. This change will not impact BSC Systems.

A change will be required to the REC EMAR Data Specification, which has been discussed with and agreed by REC.

The central implementation cost for this CP will be less than £1k to make the relevant document updates.

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Implementation

This CP is proposed for implementation on 23 February 2023 as part of the standard February 2023 BSC Release. This is to ensure the changes from this CP are effected at the same time as the P376 changes.

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2. Why Change?

What is the issue?

The new data flow P0333 ‘Baselining Expected Volume Report’ in the approved version of the IDD Part 1 spreadsheet for P376 specifies the format of Site ID as ‘Integer(?)’ when it should be ‘Integer(7)’.

The ‘Site ID’ data item should have been included in the SVA Data Catalogue Volume 2, but was omitted in error.

The Message Role ‘D’ (Data) has been accidentally removed for each data item in the HDI group in the P0311 ‘Invalid Metering System Data’ dataflow, which means that the specification of the P0311 would be incomplete.

The cardinality of “1” (Mandatory) in the ‘History Days’ group in Market Message D0393 ‘Metered Volume History Acceptance’ would mean that a HHDA which was newly appointed to a MSID and so did not have any Historic Data would be required to return a D0392 ‘Invalid Metered Volume History Request’, which would incorrectly imply that they were not the correct HHDA for that MSID.

Background

P376 will introduce Baselining Methodologies, which use recent historic data to provide an estimate of the energy flows that would be expected at a Boundary Point under normal circumstances. Baselining Methodologies use actual Metered Data to produce an estimate of what energy flows would be expected if a site was operating normally. This value can be used as the benchmark to assess whether deviations required as part of a balancing service have been fully delivered. A Baselining Methodology Document is being introduced through P376 for BSC Parties who will use the Baselining Methodology.

P376 introduced an optional alternative mechanism for verifying that Additional Balancing Mechanism Units (BMU) and Secondary BM Units have delivered Bid Offer Acceptances (BOAs). A BM Unit making use of this mechanism is referred to as a “Baselined BM Unit”.

The Supplier Volume Allocation Agent issues the Baselining Expected Volume Report to AMVLPs, Suppliers and VLPs for Baselined BM Units through new flow P0333 ‘Baselining Expected Volume Report’. The physical structure of which is included in the IDD Part 1 spreadsheet and referenced in the SVA Data Catalogue Volume 2.

Furthermore, HHDAs can respond to a D0391 ‘Request for Historic Metered Data’ Market Message with a D0393 ‘Metered History Acceptance’ but must input Historic Metered Data for the specified period. Where a HHDA has only recently been appointed they may not have access to historic data and therefore cannot respond appropriately.

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3. Solution

Proposed solution

This CP seeks to amend:

1) The “SVAA” tab of the IDD Part spreadsheet:

   a. To amend the format of the ‘Site ID’ in the P0333 ‘Baselining Expected Volume Report’

   b. To amend the HDI group in the approved version of the IDD Part 1 spreadsheet for P376 to reinstate the Message Role ‘D’ (Data) in the P0311’Invalid Metering System Data’. This will ensure that we do not accidentally change the structure on the P0311 when we implement P376 in February 2023;

2) The SVA Data Catalogue Volume 2 Appendix C to reflect the new format of the ‘Site ID’ data item; and

3) The REC’s EMAR Data Specification change to amend the format of the new D0393 ‘Metered Volume History acceptance’ Market Message so that the ‘History Days’ input is optional. Please note that no change to any BSC Configurable Item is required as a result of this change.

Proposer’s rationale

The amendments are required to the IDD Part 1 Spreadsheet and SVA Data Catalogue Volume 2 to ensure that the new software functionality for P376 is described accurately.

The change to the D0393 Market Message is required to allow a HHDA to respond appropriately to a D0391 ‘Request for Historic Metered Data’ when that HHDA has just been appointed to a Metering System but has no Historic Metered Data for the specified period.

Proposed redlining

IDD Part 1 spreadsheet and SVA Data Catalogue Volume 2 ‘Data Items’ will be amended as part of this CP. Please see Attachments B and C for more information.

Please note that no change to any BSC Configurable Item is required for the change to the D0393 Market Message.

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4. Impacts and Costs

BSC Party & Party Agent impacts and costs

There are no expected impacts or costs for BSC Parties and Party Agents. No impacts or costs were identified during the CP1573 Consultation.

Central impacts and costs

Central impacts

This change will require updates to the IDD Part 1 Spreadsheet and SVA Data Catalogue Volume 2 which are documents only. Therefore, this change has no impact on the BSC Central Systems.

Central Impacts	
Document Impacts	**System Impacts**
• IDD Part 1 Spreadsheet • SVA Data Catalogue Volume 2	• None

Impact on BSC Settlement Risks

Impact on BSC Settlement Risks
Elexon anticipates no impact on Settlement Risks.

Central costs

The central implementation costs for this CP will be approximately £500 to implement the document only changes.

Impact on Core Industry Documents

A change to the REC EMAR Data Specification is required, this has been discussed with REC.

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5. Implementation Approach

Recommended Implementation Date

This CP is proposed for implementation on 23 February 2023 as part of the standard February 2023 BSC Release. This is to ensure the changes effected from the CP are implemented the same time as the P376 changes.

The changes to the REC EMAR Data Specification will be implemented on 23 February 2023, in line with the changes from this CP.

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6. Initial Committee Views

ISG's initial views

The CP1573 Progression Paper (ISG259/11) was presented to the ISG at its meeting on 1 November 2022. The ISG had no comments on the CP or the timetable for progression.

SVG's initial views

The CP1573 Progression Paper (SVG261/07) was presented to the SVG at its meeting on 1 November 2022. The SVG had no comments on the CP or the timetable for progression.

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7. Industry Views

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

We received one response to the CP1573 Consultation, the respondent was a Distributor and they agreed with the proposed solution.

Summary of CP1573 CP Consultation Responses				
Question	**Yes**	**No**	**Neutral/No Comment**	**Other**
Do you agree with the CP1573 proposed solution?	1	-	-	-
Do you agree that the draft redlining delivers the intent of CP1573?	1	-	-	-
Will CP1573 impact your organisation?	-	1	-	-
Will your organisation incur any costs in implementing CP1573?	-	1	-	-
Do you agree with the proposed implementation approach for CP1573?	1	-	-	-
Do you agree that the draft redlining to the REC EMAR Data Specification delivers the intent of this CP in relation to Market Message D0393 'Metered Volume History Acceptance'?	1	-	-	-
Do you have any further comments on CP1573?	-	1	-	-

Comments on the proposed redlining

No comments were received on the proposed redlining.

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8. Recommendations

We invite the **ISG** to:

- **APPROVE** the proposed changes to IDD Part 1 Spreadsheet and SVA Data Catalogue Volume 2 for CP1573;
- **APPROVE** the proposed change to the D0393 Market Message to be registered with the RTS for implementation in the February 2023 release of the EMAR Data Specification; and
- **APPROVE** CP1573 for implementation on 23 February 2023 as part of the February 2023 Release.
- **NOTE** that CP1573 was also presented for decision to the
    - SVG on 10 January 2023.

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