

CP Assessment Report

CP1451 'Allowing HH Default EACs for all HH Measurement Classes'

ELEXON



Committee

Supplier Volume Allocation Group

Recommendation

Approve

Implementation Date

25 February 2016
(February 2016 Release)



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Contents

1	Why Change?	2
2	Solution	3
3	Impacts and Costs	4
4	Implementation Approach	5
5	Initial Committee Views	5
6	Industry Views	6
7	Recommendations	7
	Appendix 1: Glossary & References	8

About This Document

This document is the Change Proposal (CP) Assessment Report for CP1451 which ELEXON will present to the Supplier Volume Allocation Group (SVG) at its meeting on 1 December 2015. The SVG will consider the proposed solution and the responses received to the CP Consultation before making a decision on whether to approve CP1451.

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 CP1451 solution.
- Attachment B contains the full responses received to the CP Consultation.

SVG178/05

CP1451
CP Assessment Report

23 November 2015

Version 1.0

Page 1 of 8

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What is a HH Default EAC?

A Half Hourly (HH) Default Estimated Annual Consumption (EAC) is a value defined in Market Domain Data (MDD) and provided to Half Hourly Data Collectors (HHDCs) and Half Hourly Data Aggregators (HHDA). HHDCs will use the HH Default EAC within the 'last resort' estimation method where no EAC has been provided by the Supplier, as described by [Balancing and Settlement Code \(BSC\) Procedure \(BSCP\) 502 'Half Hourly Data Collection for SVA Metering Systems in SMRS'](#) Section 4.2.1(h). HHDA will use the HH Default EAC when no corresponding data has been received from the expected HHDC for a HH Metering System.

Previously, there was a single HH Default EAC value that was used across all HH Measurement Classes. [CP1432 'HH Default EAC by Measurement Class'](#) introduced one HH Default EAC value per HH Measurement Class, and this change was implemented on 5 November 2015 (November 2015 Release). These replaced the single value previously used across all Measurement Classes. The HH Default EAC values will be reviewed from time to time, and will be calculated based on the average annual consumption across all metered HH Metering Systems within the relevant Measurement Class. Any changes to these values require the SVG's approval as part of the MDD change process.

Why were specific HH Default EACs for each Measurement Class introduced?

We raised CP1432 in response to the implementation of [P272 'Mandatory Half Hourly Settlement for Profile Classes 5-8'](#). P272 will increase the number of Metering Systems whose consumption is below 100kW being HH settled. We considered that the single HH Default EAC covering all HH Metering Systems would be too high for the Metering Systems migrating to HH Settlement under P272. Equally, the value would become too low for the existing Metering Systems that are mandated to be settled HH.

What is the issue?

When CP1432 was progressed, we believed that a HH Default EAC would only be needed for Measurement Classes C, E, F and G. Measurement Classes A and B are for Non Half Hourly (NHH) consumption and so do not need a HH Default EAC. We also considered that Measurement Class D, which relates to HH Unmetered Supplies (UMS), would not require a HH Default EAC.

Following the approval of CP1432, it was identified by one participant that a value for Measurement Class D should also be provided. They noted the slim chance that there is an appointment issue with a UMS customer, or that there is no historic data available. In these cases the HHDA will need to resort to a default value. We agree that including such a value will be beneficial for completeness, as the original single value would have been applicable to all HH Measurement Classes, including Measurement Class D.

However, the changes to [BSCP509 'Changes to Market Domain Data' Appendix 1 'MDD Entity Change Request Forms'](#) introduced by CP1432 specify that the 'Measurement Class Id' field within MDD Entity 59 'HH Default EAC data' is limited to C, E, F or G only. This will need to be amended to allow values for Measurement Class D to also be recorded.

What is a Measurement Class?

The Measurement Class of a Metering System reflects how it is settled, e.g. whether it is settled HH or NHH or whether it is metered or unmetered.

There are seven Measurement Classes:

- A: NHH Metered
- B: NHH Unmetered
- C: HH Metered that are 100kW Metering Systems
- D: HH Unmetered
- E: HH current transformer (CT) Metering Systems that have site specific DUoS billing and are not 100kW Metering Systems
- F: domestic HH CT and whole current (WC) Metering Systems that have aggregated DUoS billing and are not 100kW Metering Systems
- G: non-domestic HH WC metered Metering Systems that have aggregated DUoS billing and are not 100kW Metering Systems

SVG178/05

CP1451

CP Assessment Report

23 November 2015

Version 1.0

Page 2 of 8

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Proposed solution

[CP1451 'Allowing HH Default EACs for all HH Measurement Classes'](#) was raised by ELEXON on 2 October 2015. It proposes to amend Entity 59 within BSCP509 Appendix 1 to remove the reference to only Measurement Classes C, E, F and G being valid entries for the 'Measurement Class Id' field.

This will allow a value for Measurement Class D to be included within Entity 59. It will also future-proof the Entity should additional HH Measurement Classes be introduced or existing HH Measurement Classes be amended or end-dated in the future. The valid list of Measurement Classes will be those recorded within MDD Entity 46 'Measurement Class'.

Please note that the HH Default EAC value itself for Measurement Class D has been progressed and implemented separately via the MDD change process, and does not form part of CP1451. The SVG agreed that this value should be 8,800MWh, and this became effective in MDD on 18 November 2015 ([SVG177/01](#)).

A housekeeping change will also be made to correct the unit of the HH Default EAC referenced in Entity 59 from 'kWh' to 'MWh'.

Proposer's rationale

This CP will allow the intent of CP1432 to be fully realised. It will also future-proof MDD against any subsequent changes to Measurement Classes such as the addition of further HH Measurement Classes or the amendment or removal of existing Measurement Classes. This will improve efficiency in the BSC arrangements.

Proposed redlining

The proposed redlined changes to BSCP509 Appendix 1 to deliver CP1451 can be found in Attachment A.

3 Impacts and Costs

Central impacts and costs

CP1451 will require changes to BSCP509 Appendix 1. This change is a clarification and will not impact the MDD systems or any of the flows issued from it. Therefore, no system changes are required and there will be no impact on BSC Agents.

The central implementation costs for CP1451 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">BSCP509 Appendix 1	<i>None</i>

BSC Party & Party Agent impacts and costs

CP1451 is not expected to significantly impact BSC Parties or Party Agents, as it seeks only to make a correction to BSCP509 Appendix 1 to confirm that a HH Default EAC for any HH Measurement Class can be registered through MDD. The values themselves are issued via email using the P0186 'Half hourly default EAC' flow, and do not form part of the MDD data flows. The actual HH Default EAC value for Measurement Class D has been progressed and implemented separately via the MDD change process.

Four respondents to the CP Consultation noted impacts on their organisations to implement CP1451. These were generally minor impacts such as document updates, although two of the respondents noted small system impacts to accommodate the proposed changes. The costs for these changes were quoted to be small to minimal. The full responses can be found in Attachment B.

4 Implementation Approach

Recommended Implementation Date

CP1451 is proposed for implementation on **25 February 2016** as part of the February 2016 BSC Systems Release.

These changes should be implemented as soon as possible to ensure that BSCP509 Appendix 1 is correct, and the February 2016 Release is the earliest Release that can be targeted.

All seven respondents to the CP Consultation agreed with this proposed Implementation Date.

5 Initial Committee Views

SVG's initial views

The SVG considered this CP as part of its decision to approve the HH Default EAC values being registered through MDD for Measurement Classes C, E, F and G ([SVG176/01](#)).

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

6 Industry Views

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

Summary of CP1451 CP Consultation Responses				
Question	Yes	No	Neutral/ No Comment	Other
Do you agree with the CP1451 proposed solution?	7	0	0	0
Do you agree that the draft redlining delivers the intent of CP1451?	7	0	0	0
Will CP1451 impact your organisation?	4	3	0	0
Will your organisation incur any costs in implementing CP1451?	3	4	0	0
Do you agree with the proposed implementation approach for CP1451?	7	0	0	0
Do you have any further comments on CP1451?	1	6	0	0

Comments on CP1451

All seven respondents agreed with CP1451, believing this to be a sensible change even though the chances of needing the value for Measurement Class D are small.

One respondent queried what Supplier Agents should do if a HH Default EAC value for Measurement Class D is needed between the implementation of CP1432 and CP1451. We note that the value of 8,800MWh for Measurement Class D is now effective in MDD, and Supplier Agents should use this value if required. This CP will simply update BSCP509 Appendix 1 to confirm that this value can be entered into MDD.

Comments on the proposed redlining

There were no comments on the proposed redlined changes to BSCP509 Appendix 1 for CP1451.

7 Recommendations

We invite you to:

- **APPROVE** the proposed changes to BSCP509 Appendix 1 for CP1451; and
- **APPROVE** CP1451 for implementation on 25 February 2016 as part of the February 2016 Release.

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>)
CP	Change Proposal
CT	current transformer
EAC	Estimated Annual Consumption
HH	Half Hourly
HHDA	Half Hourly Data Aggregator (<i>Party Agent</i>)
HHDC	Half Hourly Data Collector (<i>Party Agent</i>)
MDD	Market Domain Data (<i>industry database</i>)
NHH	Non Half Hourly
SVG	Supplier Volume Allocation Group (<i>Panel Committee</i>)
UMS	Unmetered Supplies
WC	whole current

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	CP1432 page on the ELEXON website	https://www.elexon.co.uk/change-proposal/cp1432/
2	P272 page on the ELEXON website	https://www.elexon.co.uk/mod-proposal/p272-mandatory-half-hourly-settlement-for-profile-classes-5-8/
3	CP1451 page on the ELEXON website	https://www.elexon.co.uk/change-proposal/cp1451/
3	SVG177 page on the ELEXON website	https://www.elexon.co.uk/meeting/svg-177/
5	SVG176 page on the ELEXON website	https://www.elexon.co.uk/meeting/svg-176/

SVG178/05

CP1451
CP Assessment Report

23 November 2015

Version 1.0

Page 8 of 8

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