

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



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### About This Document

The purpose of this Change Proposal (CP) Consultation for CP1451 is to invite BSC Parties, Party Agents and other interested parties to provide their views on the impacts and the merits of CP1451. The Supplier Volume Allocation Group (SVG) will then consider the consultation responses before making a decision on whether or not to approve CP1451.

There are four 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 CP1451 proposal form.
- Attachment B contains the proposed redlined changes to deliver the CP1451 solution.
- Attachment C 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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## 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.

Currently, there is a single HH Default EAC value that is used across all HH Measurement Classes. Effective from 5 November 2015 (November 2015 Release), [CP1432 'HH Default EAC by Measurement Class'](#) will introduce one HH Default EAC value per HH Measurement Class. These will replace the single value currently 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.

## Why have specific HH Default EACs for each Measurement Class been 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 Supply (UMS), would also 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 there being no historic data available. In these cases the HHDA would need to resort to a default value. We agree that including such a value would 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 currently five Measurement classes:

- A: NHH Metered
- B: NHH Unmetered
- C: HH Metered that are 100kW Metering Systems
- D: HH Unmetered
- E: HH Metered that are not 100kW Metering Systems

From 5 November 2015, existing Measurement Class E will be split into three:

- 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

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### Proposed solution

[CP1451 'Allowing HH Default EACs for all HH Measurement Classes'](#) was raised by ELEXON. It proposes to amend the wording for 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 will be progressed and decided upon separately via the MDD change process, and does not form part of CP1451.

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.

#### CP Consultation Question

Do you agree with the CP1451 proposed solution?

*Please provide your rationale.*

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

### Proposed redlining

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

#### CP Consultation Question

Do you agree that the draft redlining delivers the CP1451 proposed solution?

*If 'No', please provide your rationale.*

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

### 3 Impacts and Costs

#### Central impacts and costs

CP1451 will require changes to BSCP509 Appendix 1. This change is a clarification change to this one document and will not impact the MDD systems or any of the flows issued from it. There are therefore no system changes 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"><li>BSCP509 Appendix 1</li></ul>	<i>None</i>

#### BSC Party & Party Agent impacts and costs

CP1451 is not expected to impact any BSC Parties or Party Agents. It seeks only to make a correction to BSCP509 Appendix 1 to allow a HH Default EAC for any HH Measurement Class to be registered through MDD. The actual HH Default EAC value for Measurement Class D will be progressed and decided upon separately via the MDD change process.

#### CP Consultation Questions

Will CP1451 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 CP1451 and the CP1451 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 CP1451?

*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 C

## 4 Implementation Approach

### Recommended Implementation Date

We recommend that CP1451 is implemented 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.

#### CP Consultation Question

Do you agree with the proposed implementation approach for CP1451?

*Please provide your rationale.*

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

## 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.

## 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	<a href="https://www.elexon.co.uk/bsc-related-documents/related-documents/bscps/">https://www.elexon.co.uk/bsc-related-documents/related-documents/bscps/</a>
2	CP1432 page on the ELEXON website	<a href="https://www.elexon.co.uk/change-proposal/cp1432/">https://www.elexon.co.uk/change-proposal/cp1432/</a>
2	P272 page on the ELEXON website	<a href="https://www.elexon.co.uk/mod-proposal/p272-mandatory-half-hourly-settlement-for-profile-classes-5-8/">https://www.elexon.co.uk/mod-proposal/p272-mandatory-half-hourly-settlement-for-profile-classes-5-8/</a>
3	CP1451 page on the ELEXON website	<a href="https://www.elexon.co.uk/change-proposal/cp1451/">https://www.elexon.co.uk/change-proposal/cp1451/</a>
5	SVG176 page on the ELEXON website	<a href="https://www.elexon.co.uk/meeting/svg-176/">https://www.elexon.co.uk/meeting/svg-176/</a>

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