

## CP1502 'Removal of the requirement to submit sampling data for Profile Classes 5-8 following the implementation of P272'

**Committee**

Supplier Volume Allocation Group

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### About This Document

The purpose of this CP1502 CP Consultation is to invite BSC Parties, Party Agents and other interested parties to provide their views on the impacts and the merits of CP1502. The SVG will then consider the consultation responses before making a decision on whether or not to approve CP1502.

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.
- Attachments A and B contain the proposed redlined changes to deliver the CP1502 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.

# 1 Why Change?

## Profiling

The electricity trading arrangements require the use of Profiles to derive Half Hourly (HH) demands of Active Energy for Metering System Identifiers (MSIDs) being traded either as a Non Half Hourly (NHH) Metering System or as NHH Unmetered Supply (UMS). A Profile represents a particular pattern of energy consumption over a given period. Profiles are required to represent the HH pattern of average consumption for each of a number of distinct customer populations known as Profile Classes.

## What are Profile Classes?

To support the electricity trading arrangements, eight Profile Classes were identified for the NHH market. The eight generic Profile Classes were chosen as they represented large populations of similar customers. Below is a detailed description of these:

- 01 – Domestic Unrestricted
- 02 – Domestic Economy 7
- 03 – Non-Domestic Unrestricted
- 04 – Non-Domestic Economy 7
- 05 – Non-domestic, with Maximum Demand (MD) recorded and with Load Factor (LF) less than or equal to 20%
- 06 – Non-domestic, with MD recorded and with LF less than or equal to 30% and greater than 20%
- 07 – Non-domestic, with MD recorded and with LF less than or equal to 40% and greater than 30%
- 08 – Non-domestic, with MD recorded and with LF greater than 40%

Customers in Profile Classes 5 to 8 are described as maximum demand customers. This refers to customers whose Metering System has a register that gives the maximum demand for a given period.

## What is the issue?

[Balancing and Settlement Code Procedure \(BSCP\) 510 'The Provision of Sampling Data to the Profile Administrator'](#) and the ['Service Description for Profile Administration'](#) refer to Profile Classes (PCs) 5-8 in relation to sample participant requests.

Since April 2009, Meters in PCs 5-8 were upgraded to Advanced Meters. This was due to a modification of the Standard Conditions of the Electricity Supply License, introduced by the Secretary of State (through powers granted under the Energy Act 2008).

Advanced Meters are capable of being read remotely and recording HH consumption. [Modification P272 'Mandatory Half Hourly Settlement Period for Profile Classes 5-8'](#) was implemented on 1 April 2017 and introduced a requirement for PCs 5-8 to be settled using HH Metered Volumes (where the relevant Metering has been installed). HH measurements provide sufficiently regular and accurate data for profiling not to be required.



### What is the Profile Administrator?

The Profile Administrator (Profile Administration) was appointed to obtain energy consumption data from a representative sample of customers in Great Britain in each Profile Class in order to derive the Profile to be applied for that Profile Class.

Individual Suppliers were given the choice of how to implement the new requirements after each submitting a high level transition plan to the Performance Assurance Board (PAB). Profiles remain for those in PCs 5-8 who are unable to install an Advanced Meter. However, under P272 the regression equations for these PCs are 'frozen'. Subsequently the Profile Administrator is no longer required to collect sample data for customers within these PCs.

Despite no longer being required, references to the provision of sampling data in PCs 5-8 still exist in BSCP510 and the Service Description for Profile Administration. These references are outdated and as such should be removed.

### Proposed solution

[CP1502 'Removal of the requirement to submit sampling data for PCs 5-8 following the Implementation of P272'](#) was raised by ELEXON on 19 January 2018.

This CP proposes to amend BSCP510 and Service Description for Profile Administration by removing outdated references to PCs 5-8.

### Proposer's rationale

CP1502 will restore accuracy to BSCP510 and Service Description for Profile Administration by reflecting the changes introduced by P272. This will ensure that sampling data is not provided to the Profile Administration for PCs 5-8, where very few customers remain with NHH Meters. This will prevent Parties from needlessly expending resource on the provision of sampling data for PCs 5-8, which is no longer necessary as the regression equations have been 'frozen'

#### CP Consultation Question

Do you agree with the CP1502 proposed solution?

*Please provide your rationale.*

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

### Proposed redlining

Attachments B and C contain the proposed changes to BSCP510 and the Service Description for Profile Administration respectively, to deliver CP1502.

The Service Description is a Category 2 Configurable Item, which is only required to be redlined and consulted on following the approval of the CP. However, we have included the redlining for this item at this time for completeness.

#### CP Consultation Question

Do you agree that the draft redlining delivers the CP1502 proposed solution?

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

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



#### How many customers remain in PCs 5-8?

As of January 2018, there are approximately 41,000 Metering System Identifiers remaining in PCs 5-8; according to data from the Supplier Volume Allocation Agent. This represents 0.14% of all NHH Metering Systems.

### 3 Impacts and Costs

#### Central impacts and costs

##### Central impacts

CP1502 will require changes to BSCP510 and Service Description for Profile Administration. No system changes are required for this CP and there will be no impacts on BSC Agents.

Central Impacts	
Document Impacts	System Impacts
<ul style="list-style-type: none"><li>BSCP510</li><li>Service Description for Profile Administration</li></ul>	<ul style="list-style-type: none"><li>None</li></ul>

##### Central costs

The central implementation costs for CP1502 will be approximately £240 (one ELEXON man day) to implement the relevant document changes.

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

We do not expect CP1502 to impact any BSC Parties or Party Agents as this is a minor document change to restore accuracy of text for written procedure that was no longer being carried out following the implementation of P272.

However, we will seek confirmation of this through the CP Consultation.

CP Consultation Questions
Will CP1502 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 CP1502 and the CP1502 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 CP1502? <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 C

## 4 Implementation Approach

### Recommended Implementation Date

CP1502 is proposed for implementation on **28 June 2018** as part of the June 2018 BSC Release.

The June 2018 Release is the next available Release that can include this CP.

#### CP Consultation Question

Do you agree with the proposed implementation approach for CP1502?

*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

CP1502 was presented to the SVG for information at its meeting on 30 January 2018 ([SVG204/09](#)).

The SVG were satisfied with the issue and solution outlined and did not have any direct comments on CP1502.

An SVG member did take the opportunity to voice his concerns over the remaining customers in PCs 5-8, who have been unable to upgrade to an Advanced Meter. The concern focussed on what the future may be for the remaining Customers who are still settled NHH using the frozen regression equations.

ELEXON commented that it is leading a Design Working Group ([DWG](#)), which is in the early stages of developing draft Target Operating Models (TOMs) for Market wide HH Settlement (MHHS) in support of an Ofgem led Significant Code Review ([SCR](#)). The TOMs are being designed to handle various types of customer where Settlement Period level data is not available (such as those unable to upgrade to Advanced Meters in PCs 5-8).

## 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> )
BSCCo	Balancing and Settlement Code Company
BSCP	Balancing and Settlement Code Procedure
CP	Change Proposal
CPC	Change Proposal Circular
DWG	Design Working Group
HH	Half Hourly
LF	Load Factor
MD	Maximum Demand
MSID	Metering System Identifier
NHH	Non Half Hourly
PAB	Performance Assurance Board ( <i>Panel Committee</i> )
PC	Profile Class
SCR	Significant Code Review
SVG	Supplier Volume Allocation Group ( <i>Panel Committee</i> )
TOM	Target Operating Model
UMS	Unmetered Supply

### 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 section on the ELEXON website	<a href="https://www.elexon.co.uk/bsc-and-codes/bsc-related-documents/bscps/">https://www.elexon.co.uk/bsc-and-codes/bsc-related-documents/bscps/</a>
2	Service Description section of the ELEXON website	<a href="https://www.elexon.co.uk/bsc-and-codes/bsc-related-documents/service-descriptions/">https://www.elexon.co.uk/bsc-and-codes/bsc-related-documents/service-descriptions/</a>
2	Modification P272 'Mandatory Half Hourly Settlement Period for Profile Classes 5-8'	<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>

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External Links		
Page(s)	Description	URL
4	CP1502 'Removal of the Requirement to Submit Sampling Data for PCs 5-8 following the Implementation of P272'	<a href="https://www.elexon.co.uk/change-proposal/cp1502/">https://www.elexon.co.uk/change-proposal/cp1502/</a>
6	SVG204 Meeting summary section on the ELEXON website	<a href="https://www.elexon.co.uk/meeting/svg-204/">https://www.elexon.co.uk/meeting/svg-204/</a>
6	DWG section of the ELEXON website	<a href="https://www.elexon.co.uk/group/design-working-group/">https://www.elexon.co.uk/group/design-working-group/</a>
6	DWG section of the Ofgem website	<a href="https://www.ofgem.gov.uk/publications-and-updates/decision-design-working-group-membership">https://www.ofgem.gov.uk/publications-and-updates/decision-design-working-group-membership</a>