

CP Progression Paper

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

ELEXON



Committee

Supplier Volume Allocation Group



Contact

Edwin Foden

020 7380 4308

Edwin.Foden@Elexon.co.uk



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About This Document

This document provides information on new Change Proposal (CP) CP1502 and outlines our proposed progression timetable for this change, including when it will be issued for CP Consultation in the next suitable Change Proposal Circular (CPC) batch.

We are presenting this paper to capture any comments or questions the Supplier Volume Allocation Group (SVG) Members may have on this CP before we issue it for consultation.

There are four parts to this document:

- This is the main document. It provides a summary of the solution, impacts, anticipated costs, and proposed implementation approach, as well as our proposed progression approach for this CP.
- Attachment A contains the CP1502 proposal form.
- Attachments B and C contain the proposed redlined changes to deliver the CP1502 solution.

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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.

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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, the regression equations for these PCs are 'frozen'.

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.

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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'.

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.



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">BSCP510Service Description for Profile Administration	<ul style="list-style-type: none"><i>None</i>

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 a 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.

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.

5 Proposed Progression

Progression timetable

The table below outlines the proposed progression plan for CP1502:

Progression Timetable	
Event	Date
CP Progression Paper presented to SVG for information	30 Jan 18
CP Consultation	05 Feb 18 – 02 Mar 18
CP Assessment Report presented to SVG for decision	27 Mar 18
Proposed Implementation Date	28 Jun 18 (Jun 18 Release)

CP Consultation questions

We intend to ask the standard CP Consultation questions for CP1502. We do not believe any additional questions need to be asked for this CP.

Standard CP Consultation Questions
Do you agree with the CP1502 proposed solution?
Do you agree that the draft redlining delivers the CP1502 proposed solution?
Will CP1502 impact your organisation?
Will your organisation incur any costs in implementing CP1502?
Do you agree with the proposed implementation approach for CP1502?

6 Recommendations

We invite you to:

- **NOTE** that CP1502 has been raised;
- **NOTE** the proposed progression timetable for CP1502; and
- **PROVIDE** any comments or additional questions for inclusion 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>)
BSCCo	Balancing and Settlement Code Company
BSCP	Balancing and Settlement Code Procedure
CP	Change Proposal
CPC	Change Proposal Circular
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
SVG	Supplier Volume Allocation Group (<i>Panel Committee</i>)
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	https://www.elexon.co.uk/bsc-and-codes/bsc-related-documents/bscps/
2	Service Description section of the ELEXON website	https://www.elexon.co.uk/bsc-and-codes/bsc-related-documents/service-descriptions/
2	Modification P272 'Mandatory Half Hourly Settlement Period for Profile Classes 5-8'	https://www.elexon.co.uk/mod-proposal/p272-mandatory-half-hourly-settlement-for-profile-classes-5-8/
4	CP1502 'Removal of the requirement to submit sampling data for PCs 5-8 following the implementation of P272'	https://www.elexon.co.uk/change-proposal/cp1502/

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