

CP Progression Paper

CP1555 'Provision of consumption data to Distributors for Measurement Classes G and F'



Committee

Supplier Volume
Allocation Group (SVG)



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About This Document

This document provides information on a new Change Proposal (CP) 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 the SVG on 2 November 2021 to capture any comments or questions from Committee Members 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 CP proposal form.
- Attachment B contains the proposed redlined changes to deliver the CP solution.
- Attachment C contains the proposed Energy Market Architecture Repository (EMAR) redlining changes to deliver the CP solution.

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CP1555 CP Progression
Paper

2 November 2021

Version 1.0

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1 Summary?

Why change?

Under the new Targeted Charging Review (TCR) arrangements, Licenced Distribution System Operators (LDSOs) will require Half Hourly (HH) Metered Data for individual Metering System Identifiers (MSIDs) in Measurement Classes (MC) F¹ and G².

The Balancing and Settlement Code Procedure (BSCP) that describes the key interfaces and timetables for sending appropriate HH Supplier Volume Allocation (SVA) Metering System metered data for Metering Systems registered in the Supplier Meter Registration Service (SMRS) is BSCP502. Currently, [BSCP502 'Half Hourly Data Collection for SVA Metering Systems Registered in SMRS'](#) does not require Half Hourly Data Collectors (HHDCs) to send MSID-level HH data to LDSOs for Metering Systems in MC F and G.

Solution

This CP proposes to update the requirements in BSCP502 to require HHDCs to send D0036 (MM00413) 'Validated Half Hourly Advances for Inclusion in Aggregated Supplier Matrix' or D0275 (MM00206) 'Validated Half Hourly Advances' for non-Data Communications Company (DCC) enrolled Metering Systems and/or D0380 (MM00363) 'Half Hourly Advances for Inclusion in Aggregated Supplier Matrix' for DCC enrolled Metering Systems to LDSOs. This would involve amending BSCP502 sections 3.4.1.12 and 3.4.6.10 and the D0380 flow definition in the EMAR.

This solution would allow existing processes and interfaces to be used for the sending of this data, so is preferable to creating a new dedicated report and would require a new interface (e.g. P-flow).

Impacts and costs

This CP is expected to impact LDSOs and HHDCs. While no significant process or system changes should be required to send the data, LDSOs may need to change their systems to utilise the data.

This change will only affect BSCP502 and the EMAR, with no central system changes required.

The central implementation costs for this CP will be less than £1,000 to implement the relevant document changes.

Implementation

The CP is proposed for implementation on 24 February 2022 as part of the standard February 2022 Balancing and Settlement Code (BSC) Release, in order to implement this change at the earliest opportunity so that LDSOs can meet TCR requirements.

¹ Measurement Class "F" - Half Hourly Metering Equipment at below 100kW Premises with current transformer or whole current, and at Domestic Premises

² Measurement Class "G" - Half Hourly Metering Equipment at below 100kW Premises with whole current and not at Domestic Premises

2 Why Change?

What is the issue?

Under the new TCR arrangements, LDSOs will require HH Metered Data for individual MSIDs in MC F and G. Currently [BSCP502 'Half Hourly Data Collection for SVA Metering Systems Registered in SMRS'](#) does not require HHDCs to send MSID-level HH data for MC F and G to LDSOs.

Background

LDSOs do not receive HH Metered Data for individual MSIDs in MC F and G. This means that LDSOs cannot accurately determine Residual Charging Bands or assign certain sites that use MC G Metering Systems to the correct Residual Charging Band in accordance with the Distribution Connection and Use of System Agreement (DCUSA) Schedule 32.

In particular Licensed Distribution System Operators (LDSOs) must collate 24 months' consumption data in order to determine the correct Residual Charging Bands for certain Non-Domestic sites. These sites do not have an Agreed Capacity with the LDSO and so the LDSO must use the sites' actual or expected consumption (Import) in order to assign it to a Residual Charging Band.

Presently LDSOs receive Estimated Annual Consumption (EAC) data for individual Non-Half Hourly (NHH) sites with Measurement Class A and B MSIDs via the P222 flow and HH Metered Data for HH metered Sites with Measurement Class C-E MSIDs via D0036 or D0275 flows. However, LDSOs do not receive Metered Data for individual MSIDs in measurement classes F and G. This is because when MC F and G were introduced, it was decided that Metered Data from these MSIDs should be aggregated with all other NHH Metered Data and reported to LDSOs in the D0030 (MM00411) 'Aggregated DUoS Report'. Consequently LDSOs do not receive individual MSID Metered Data for MC F and G MSIDs.

Targeted Charging Review

The [Targeted Charging Review](#) is an Ofgem led project that assessed how residual network charges should be set and recovered in Great Britain by LDSOs, including Distributor Network Operators (DNOs), Independent Distribution Network Operators (IDNOs), and the National Electricity Transmission System Operator (NETSO). Ofgem set up the TCR in response to the changing role of the networks as more electricity is generated from a wider range of sources and more flexible demand.

The DCUSA Change Proposal [DCP361](#) 'Ofgem Targeted Charging Review Implementation: Calculation of Charges' will be implemented on 1 April 2022, and data from this date will be required by LDSOs for banding and allocation.

Proposed solution

This CP proposes to update the requirements in [BSCP502 'Half Hourly Data Collection for SVA Metering Systems Registered in SMRS'](#) to require HHDCs to send D0036 or D0275 for non-DCC enrolled meters and/or D0380 for DCC enrolled meters to LDSOs. This would involve amending BSCP502 sections 3.4.1.12 and 3.4.6.10.

This solution would allow an existing process and interface to be used for the sending of this data, so is preferable to creating a new P flow which would require a new interface.

Proposer's rationale

In accordance with BSCP502, LDSOs only currently receive meter read details for individual MC F and G MSIDs via the EMAR market message D0010 (MM00257) 'Meter Readings'. Many LDSOs do not use D0010 Meter Read data and believe it may be more costly to make system changes to use these than to use existing systems that process HH Metered Data received in D0036 and D0275.

To date, as a workaround, LDSOs have procured D0036 and D0275 data from ElectraLink on commercial terms to allow LDSOs to undertake the initial band setting and allocation. LDSOs have reported that the data procured from ElectraLink may not cover all MC F and G MSIDs. Ensuring that D0036, D0275 or D0380 are sent to LDSOs for MC F and G MSIDs will ensure that LDSOs receive data for all MSIDs.

It should be noted that this solution would provide LDSOs with HH metered data for MC F and G Metering Systems but would not compel them to use it.

Proposed redlining

The CP proposes to update BSCP502. The redlining to support this change can be found in Attachment B.

The EMAR redlining to support this change can be found in Attachment C.

4 Impacts and Costs

BSC Party & Party Agent impacts and costs

This CP is expected to positively impact LDSOs as they will be provided data that they require under the new TCR arrangements. However, they may require some system changes in order to process the new data. The CP will also impact upon HHDCs, as they will be required to send additional data, but, as this change will simply add further recipients into an established process, the impact is anticipated to be minimal.

BSC Party & Party Agent Impacts	
BSC Party/Party Agent	Impact
LDSOs	Potential system changes
HHDCs	Additional recipients for Metered Data

Central impacts and costs

Central impacts

This CP will require changes to BSCP502 and D0380. No central system changes or impact on BSC Agents are anticipated.

Central Impacts	
Document Impacts	System Impacts
<ul style="list-style-type: none">BSCP502 'Half Hourly Data Collection for SVA Metering Systems Registered in SMRS'	<ul style="list-style-type: none">None

Impact on BSC Settlement Risks

Impact on BSC Settlement Risks
Elxon anticipate no impact on Settlement Risks associated with this change.

Central costs

The central implementation costs for this CP will be less than £1,000 to implement the relevant document changes.

5 Implementation Approach

Recommended Implementation Date

The CP is proposed for implementation on 24 February 2022 as part of the standard February 2022 BSC Release, in order to implement this change at the earliest opportunity so that LDSOs can meet TCR requirements.

LDSOs that wish to utilise the data to meet the TCR requirements will require them by April 2022 at the latest.

6 Proposed Progression

Progression timetable

The table below outlines the proposed progression plan for the CP:

Progression Timetable	
Event	Date
CP Progression Paper presented to SVG for information	2 Nov 21
CP Consultation	8 Nov 21 – 3 Nov
CP Assessment Report presented to SVG for decision	11 Jan 22
Proposed Implementation Date	24 Feb 22 (Feb 22 Release)

CP Consultation questions

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

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

7 Recommendations

We invite you to:

- **NOTE** the proposed progression timetable for the CP; and
- **PROVIDE** any comments or additional questions for inclusion in the CP Consultation.
- **NOTE** that the CP will be presented to:
 - the SVG on 2 November 2021

Appendix 1: Glossary & References

Acronyms

Acronyms used in this document are listed in the table below.

Acronyms	
Acronym	Definition
BSC	Balancing and Settlement Code
BSCP	Balancing and Settlement Code Procedure
CP	Change Proposal
CPC	Change Proposal Circular
DCC	Data Communications Company
DCP	DCUSA Change Proposal
DCUSA	Distribution Connection and Use of System Agreement
EAC	Estimated Annual Consumption
EMAR	Energy Market Architecture Repository
HH	Half Hourly
HHDC	Half Hourly Data Collectors
LDSO	Licensed Distribution System Operator
MC	Measurement Classes
MSID	Metering System Identifiers
NHH	Non-Half Hourly
SMRS	Supplier Meter Registration Service
SVA	Supplier Volume Allocation
SVG	Supplier Volume Allocation Group
TCR	Targeted Charging Review

EMAR market messages

EMAR market messages referenced in this document are listed in the table below.

EMAR market messages		
DTCD Code	Market Message Identifier	Name
D0010	MM00257	Meter Readings
D0030	MM00411	Aggregated DUoS Report
D0036	MM00413	Validated Half Hourly Advances for Inclusion in Aggregated Supplier Matrix
D0275	MM00206	Validated Half Hourly Advances
D0380	MM00363	Half Hourly Advances for Inclusion in Aggregated Supplier Matrix

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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, 3, 4,5	BSCP502 'Half Hourly Data Collection for SVA Metering Systems Registered in SMRS'	https://www.elexon.co.uk/csd/bscp502-half-hourly-data-collection-for-sva-metering-systems-registered-in-smrs/
3	DCP361 'Ofgem Targeted Charging Review Implementation: Calculation of Charges'	https://www.dcusa.co.uk/change/ofgem-targeted-charging-review-implementation-calculation-of-charges/