CP Assessment Report

CP1509 'Amend BSCP503 to add new recipients of the D0355 data flow'

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About This Document

This document is the Change Proposal (CP) Assessment Report for CP1509 which ELEXON will present to the Supplier Volume Allocation Group (SVG) at its meeting on 30 October 2018. The SVG will consider the proposed solution and the responses received to the CP Consultation before making a decision on whether to approve CP1509.

There are four parts to this document:

- This is the main document. It provides details of the solution, impacts, costs, and proposed implementation approach.
- Attachment A contains the CP1509 proposal form.
- Attachment B contains the proposed redlined changes to deliver the C1509 solution.
- Attachment C contains the full responses received to the CP Consultation.

Committee

Supplier Volume Allocation Group (SVG)

Recommendation

Approve

Implementation Date

1 November 2018
(November 2018 Release)

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1 Why Change?

Background

The government's Electricity Market Reform (EMR) includes the establishment of a Capacity Market (CM) to help ensure security of supply. It also includes a Contracts for Difference (CfD) scheme designed to encourage investment in low carbon generation, funded by licenced electricity Suppliers based on their gross demand.

HHDA[1] metering solution for EMR

A process has been established in Balancing and Settlement Code Procedure 503 (BSCP503): 'Half Hourly Data Aggregation for Supplier Volume Allocation Metering Systems Registered in SMRS' to allow Half Hourly (HH) loss-adjusted metered volumes for Metering System Identifiers (MSIDs) to be provided for EMR Settlement purposes.

These metered volumes are used in EMR Settlement to:

- determine a Capacity Provider's metered volumes, used during CM calculations; or
- reduce a Supplier's total demand by a proportion of its Energy Intensive Industry (EII) customers. A Supplier's CfD charges are based on its total demand less EII volumes.

The process to provide metered volumes to EMR Settlement is set out in BSCP503:

1) A Supplier notifies their HHDA of MSIDs for which data needs to be reported (i.e. the MSIDs that the Supplier is using in the Capacity Market, or MSIDs that are associated with an eligible EII Certificate) by means of the D0354 'EMR Reporting Notification' dataflow .
2) The HHDA processes the notification and informs the Supplier and either:
    a) accepts the notification by sending a D0355 'EMR Reporting Confirmation' data flow to the Supplier; or
    b) rejects the notification by sending a D0356 'EMR Reporting Rejection' data flow to the Supplier.
3) If rejected, the Supplier corrects the notification and either, depending on the rejection reason:
    - re-sends the notification to the original HHDA with correct effective dates; or
    - sends the notification to the correct HHDA; or
    - notes that the notification is already effective for the specified MSID and takes no further action.
4) If accepted, the HHDA flags the relevant MSIDs in its systems and sends HH loss-adjusted metered data to the EMR Settlement Services Provider (EMRSSP) as part of the scheduled aggregation process.

[1] Half Hourly Data Aggregator.

What is a data flow?

A data flow is a structured message sent over the Data Transfer Network (DTN) (used by industry participants to share data). Each data flow has a set structure and can be used to transfer specific pieces of information. Within each data flow there will be a list of data that can be included and how it should be represented.

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5) If accepted and the MSID relates to an EII customer, the Supplier sends details of the successful acceptance (D0355[2]) from the HHDA to the EMR Settlement Services provider.

Data flow D0355 and associated MRA Change

As described above, the D0355 data flow is currently used by the HHDA to confirm to the Supplier that they had received the D0354[3] and to confirm that they would send the D0357[4] on a daily basis to the Supplier. The Supplier then forwards the D0357 to EMR Settlement Limited (EMRS) via email.

In December 2017, EMRS raised Data Transfer Catalogue (DTC) Change Proposal (CP) 3526 that sought to add the Contracts for Difference (CfD) Service Provider as a recipient of the D0355 'EMR Reporting Confirmation' data flow.

When the Master Registration Agreement (MRA) Development Board (MDB) considered DTC CP 3526, it returned a decision of "Approved Modified" for implementation on 1 November 2018[5]. The "Modified" solution was that the CM Service Provider should also be added as a recipient of the D0355 data flow.

As a result, approved DTC CP 3526 will add two new recipients of the D0355 data flow:

- the CfD Service Provider; and
- the CM Service Provider.

What is the issue?

Section 3.6.4 of BSCP503 refers to the use of the D0355, so BSCP503 needs to be updated to add these new recipients. This will ensure that BSC documentation and BSC-related DTC data flows are fully aligned and that there is a requirement for the relevant HHDAs to send the D0355 data flow to the two new recipients of the D0355. The related DTC change facilitates the issuing of the D0355 to the new recipients, but does not mandate it.

In addition, the terms 'EMR Settlement Service Provider' and 'EMRSSP' are currently used in BSCP503 to represent both the CfD Service Provider and the CM Service Provider. Although both services are currently provided by a single Service Provider (ELEXON), in future it is possible that the services could be provided by different Service Providers, so these services should be clearly defined throughout BSCP503.

2 EMR Reporting Confirmation - Used to notify a Supplier that their EMR Reporting Notification has been accepted, including verification of the notification.
3 EMR Reporting Notification - Supplier notification to HHDA of Metering Systems to be reported in relation to EMR. To be used for both initial notification and for updates.
4 Half Hourly Metered Data for EMR - Half Hourly metered data for use by the CM Settlement Services Provider in calculating CM data, and/ or by the CFD Settlement Services provider in calculating CFD data.
5 DTC CP 3526 and the related change report give 2 November 2018 as the implementation date, but the DTC release will be on 1 November 2018.

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2 Solution

Proposed solution

CP1509 was raised by ELEXON on 10 September 2018.

We propose to amend BSCP503 to add 'CfD Service Provider' and 'CM Service Provider' as recipients of the D0355 data flow in section 3.6.4 of BSCP503 in order to ensure that HHDAs are required to send the D0355 data flow to these new recipients.

As the CfD Service Provider and the CM Service Provider will receive the D0355 directly from the HHDA, we propose that section 3.6.5 of BSCP503 is removed, as the Supplier will not need to forward the D0355 to them.

We also propose to replace the terms 'EMR Settlement Service Provider' or 'EMRSSP' with 'CfD Service Provider' and 'CM Service Provider' throughout BSCP503, to recognise that the EMR Settlement Service is comprised of two distinct services and provide contingency for possible future developments.

Proposer's rationale

This change is required to ensure that BSCP503 places the obligation on HHDAs to send D0355 data flows to the 'CfD Service Provider' and 'CM Service Provider' and to ensure BSC documentation and BSC-related DTC data flows are fully aligned for the November 2018 BSC Release on 1 November 2018.

Proposed redlining

Attachment B contains the proposed redlined changes to BSCP503 to deliver CP1509.

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3 Impacts and Costs

Central impacts and costs

Central impacts

CP1509 will require document only changes to BSCP503 with no BSC Central System changes required.

Central Impacts	
Document Impacts	System Impacts
• BSCP503	• N/A

Central costs

The central implementation costs for CP1509 will be approximately £240 (one ELEXON Working Day) to implement the necessary changes.

BSC Party & Party Agent impacts and costs

Participant impacts

HHDAs that provide services to EMRS will be required to comply with the changes to BSCP503. HHDAs will likely already be aware of the DTC changes for DTC CP 3526, so should not be further impacted by this CP.

Suppliers will no longer be required to send the D0355s to the CfD Service Provider and the CM Service Provider.

BSC Party & Party Agent Impacts	
BSC Party/Party Agent	Impact
HHDA	Will be required to send the D0355 to the CfD Service Provider and the CM Service Provider in addition to the Supplier.
Supplier	Will no longer be required to send the D0355s to the CfD Service Provider and the CM Service Provider.

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4 Implementation Approach

Recommended Implementation Date

We propose that the solution to CP1509 is implemented on **1 November 2018** as part of the November 2018 BSC Release.

All respondents to the CP Consultation agreed with the proposed implementation approach for CP1509.

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5 Industry Views

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

Summary of CP1509 CP Consultation Responses				
Question	Yes	No	Neutral/ No Comment	Other
Do you agree with the CP1509 proposed solution?	7	0	0	0
Do you agree that the draft redlining delivers the intent of CP1509?	7	0	0	0
Will CP1509 impact your organisation?	4	3	0	0
Will your organisation incur any costs in implementing CP1509?	3	4	0	0
Do you agree with the proposed implementation approach for CP1509?	7	0	0	0

Comments on the CP

All seven respondents to the CP Consultation agreed with the proposed solution. One respondent commented that the solution makes the implementation of the CM more efficient by providing the CM Service Provider with data that they require though a channel they already receive data through, rather than manually by email. Four respondents identified an impact upon their organisation, however one of these impacts was positive as the proposed solution 'makes the process more timely and efficient'. Of the remaining impacted respondents, the impacts were described as 'not significant', 'minimal' and 'superficial'.

Three respondents identified incurred costs but, again, described these as minimal.

One respondent asked for additional information concerning the sending of data flows to the CfD Service Provider and the CM Service Provider. As these questions were technical clarifications related to the DTC changes to be implemented under DTC CP3526, we passed these questions to EMR Settlement Limited (EMRS), as they are best placed to provide clarification for the respondent.

EMRS have communicated directly with the respondent to provide technical clarification to these questions.

All seven respondents agreed with the proposed implementation approach.

Comments on the proposed redlining

There were no comments on the redlined changes to BSCP503 and all seven respondents agreed that it delivered the intent of CP1509.

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6 Recommendations

We invite you to:

- **APPROVE** the proposed changes to BSCP503 for CP1509; and
- **APPROVE** CP1509 for implementation on 1 November 2018 as part of the November 2018 BSC Release.

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Appendix 1: Glossary & References

Acronyms

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

Acronyms	
Acronym	Definition
BSC	Balancing and Settlement Code
CfD	Contracts for Difference
CM	Capacity Market
CP	Change Proposal
DTC	Data Transfer Catalogue
EII	Energy Intensive Industries
EMR	Electricity Market Reform
EMRS	EMR Settlement Limited
EMRSSP	Electricity Market Reform Settlement Services Provider
HH	Half Hourly
HHDA	Half Hourly Data Aggregator
MDB	Master Registration Agreement Development Board
MSID	Metering Point System Identifier
MRA	Master Registration Agreement
SMRS	Supplier Meter Registration Service
SVG	Supplier Volume Allocation Group

DTC data flows and data items

DTC data flows and data items referenced in this document are listed in the table below.

DTC Data Flows and Data Items	
Number	Name
D0354	EMR Reporting Notification
D0355	EMR Reporting Confirmation
D0357	Half Hourly Metered Data for EMR

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.

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External Links		
Page(s)	Description	URL
2	Capacity Market page of the EMRS website	https://www.emrsettlement.co.uk/about-emr/capacity-market/
2	Contracts for Difference page of the EMRS website	https://www.emrsettlement.co.uk/about-emr/contracts-for-difference/
2	BSCP503 – Half Hourly Data Aggregation for SVA Metering Systems Registered in SMRS	https://www.elexon.co.uk/csd/bscp503-half-hourly-data-aggregation-for-sva-metering-systems-registered-in-smrs/
4	CP1509 'Amend BSCP503 to add new recipients of the D0355 data flow'	https://www.elexon.co.uk/change-proposal/cp1509-amend-bscp503-add-new-recipients-d0355-data-flow/
3, 5	DTC CP 3526 - Update to D0355 for EII exemptions	https://www.mrasco.com/changes/change-tracker/update-to-d0355-for-eii-exemptions/

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