

Final CP Report

CP1419 'Improving data accuracy by enabling the D0312 flow to be sent on a Change of Supplier'

ELEXON



Any questions?

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About This Document

This document is the Final Change Proposal (CP) Report for CP1419 which ELEXON has published following the final decision from the Supplier Volume Allocation Group (SVG) to approve CP1419.

There are three 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 views on the proposed changes and the views of respondents to the CP Consultation, along with the final decision to approve this change.
- Attachment A contains the approved redlined changes to deliver the CP1419 solution.
- Attachment B contains the full responses received to the CP Consultation.

CP1419

Final CP Report

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1 Why Change?

What is ECOES?

The [Electricity Central Online Enquiry Service \(ECOES\)](#) is a database that triangulates the Metering System Identifier (MSID), Meter Serial Number (MSN) and address of a Meter. This information provides Suppliers with a single centralised source of Meter Point Administration Service (MPAS) data that would otherwise be obtained over the telephone.

What is the D0312 flow?

The [D0312 'Notification of Meter Information to ECOES'](#) data flow is used by Meter Operator Agents (MOAs) to issue updates to the following items in ECOES:

- the MSID;
- the MSN;
- the Meter type;
- the date of Meter installation;
- the date of Meter removal; and
- the Meter Asset Provider (MAP) ID.

What is the issue?

[BSC Procedure \(BSCP\) 514 'SVA Meter Operations for Metering Systems Registered in SMRS'](#) sets out the processes to be followed when issuing a D0312 flow. The existing process does not currently allow the D0312 flow to be used or sent on a Change of Supplier (CoS) or a change of MOA. The only instance when it is allowed to send a D0312 flow is when the data items are changed.

The Master Registration Agreement (MRA) Prepayment Allocation Process Expert Group (PAPEG) convened a workshop to review the end-to-end D0312 process. Input from the MOAs at the workshop identified that in some MOA systems D0312 flows are automatically generated during a CoS or a change of MOA when Meter Technical Details (MTDs) are received. This goes against BSCP514, which states that the D0312 should only be used when there is a change to any of the data items within the D0312 flow.

The reasons for sending D0312 flows on a CoA or CoS seemed reasonable, as MOAs were attempting to minimise the amount of inaccurate data held in ECOES. The PAPEG agreed that it would be beneficial to allow D0312 flows to be sent on a CoS or a change of MOA, to ensure that the most up to date MTDs are held in ECOES.

An ECOES enhancement was therefore formulated to enable ECOES to effectively 'ignore' the D0312 flows that have the same information as the data already held in ECOES (with the exception of the installation date). These enhancements were originally due to go live on 26 February 2015 as part of the MRA's February 2015 Release, but have since been postponed to 25 June 2015 as part of its June 2015 Release. Consequential changes to BSCP514 are required to fully implement the ECOES enhancements.

Approved solution

The functionality to enable D0312 flows to be sent on a CoS has been approved by the MRA Executive Committee (MEC_14_0729_06¹). A consequential change to BSCP514 is therefore needed to fully enable this solution. [CP1419 'Improving data accuracy by enabling the D0312 flow to be sent on a Change of Supplier'](#) was raised by ELEXON on behalf of the MRA Service Company (MRASCo) to progress these changes.

BSCP514 will be amended to reflect that the D0312 flow may be sent by MOAs on a change of Supplier or MOA. Although these processes would not usually result in changes to the values already held by ECOES, the update may be of value if the old MOA has previously failed to notify changes. Such a submission will be optional, and if the data items are identical to those already held by ECOES, the submission would be disregarded as per the approved enhancements. For completeness, a step will be included in the relevant CoS and change of MOA processes within BSCP514 to reflect that the MOA may send this flow should it wish, but these steps would be clearly marked as being optional.

Proposer's rationale

The new ECOES functionality will reduce the number of rejected D0312 flows due to a change of Supplier or MOA and improve the overall quality of the data held in ECOES. By reducing the number of rejected D0312 flows it will make the MOA's task of investigating rejections easier. Furthermore, accurate triangulation of MSID, Meter ID and Meter Type in ECOES would improve the efficiency of the BSC arrangements by helping to avert subsequent Settlement issues arising from poor data quality.

Approved redlining

The approved changes to BSCP514 to deliver CP1419 can be found in Attachment A.

¹ This paper can only be accessed via the MRA's huddle system and so no link is available.

3 Impacts and Costs

Central impacts and costs

Central impacts

CP1419 will require updates to BSCP514 to implement the proposed solution. No system changes will be required for this CP.

Central Impacts	
Document Impacts	System Impacts
<ul style="list-style-type: none">BSCP514	<i>None</i>

Central costs

The central implementation costs for CP1419 will be approximately £240 (one man day) for ELEXON to implement the relevant document changes. There are no BSC Agent costs or impacts.

BSC Party & Party Agent impacts and costs

One respondent to the CP Consultation noted that they would require system changes and would incur costs to make these, but did not elaborate. We have since clarified that this response came from the MOA part of their organisation, and relates to software changes they believe need to be made in response to CP1419. They have since confirmed that this impact would only occur should they wish to make use of the optional steps to send a D0312 flow on a change of Supplier or MOA. We do not believe any participants would be mandatorily impacted by CP1419 due to it not proposing any changes to current practice. No other respondents indicated any notable impacts or costs to implement CP1419.

4 Implementation Approach

Approved Implementation Date

CP1419 will be implemented on **26 February 2015** as part of the February 2015 BSC Systems Release. This will allow the changes to BSCP514 to be implemented in time to be effective for the implementation of the associated ECOES enhancements.

All but one of the respondents to the CP Consultation agreed with the proposed Implementation Date. The respondent who disagreed did not believe that the CP should be approved.

We note that the associated ECOES enhancements have been postponed to 25 June 2015, and that this announcement was made after the CP1419 CP Consultation closed. However, the SVG did not believe that CP1419 needs to be similarly postponed, and could be implemented in the February 2015 Release without any adverse impacts. CP1419 would not directly impact any participants as it seeks to introduce optional steps into BSCP514 to reflect current practice by several MOAs.

SVG's initial views

The SVG considered CP1419 at its meeting on 2 September 2014 ([SVG163/07](#)).

Several SVG Members queried why sending a D0312 flow on a CoS or a change of MOA should be optional, and considered that if sending this information was beneficial then it should be mandatory. It was noted that the MSN field would only change on a CoS or a change of MOA if it was carried out in parallel with a Meter exchange, and that the Meter exchange process would mandate the flow be sent. No other field would change on a CoS or a change of MOA and so sending the D0312 flow would add little value.

It was highlighted that leaving the D0312 flow as an optional flow in these scenarios means no MOA would be directly impacted. By mandating the flow be sent, MOAs that currently do not send it would be required to change their processes accordingly. This was not the intent of the PAPEG when the ECOES enhancements were developed and this CP was raised. The SVG considered that the question of mandating the flow would be for the industry to consider, although one Member felt that MOAs would likely be split in their views based on whether they do or don't currently send the D0312 flow on a CoS or a change of MOA.

6 Industry Views

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

Summary of CP1419 CP Consultation Responses				
Question	Yes	No	Neutral/ No Comment	Other
Do you agree with the CP1419 proposed solution?	5	1	0	0
Do you agree that the draft redlining delivers the intent of CP1419?	4	2	0	0
Will CP1419 impact your organisation?	2	4	0	0
Will your organisation incur any costs in implementing CP1419?	1	5	0	0
Do you agree with the proposed implementation approach for CP1419?	5	1	0	0
Do you have any further comments on CP1419?	0	6	0	0

Comments on the proposed solution

Most respondents to the CP Consultation were in support of CP1419, noting that it would allow rejection rates to be reduced to allow Parties to focus on improving data quality, would allow for missing data to be provided on a CoS or a change of MOA, and would bring the BSC in line with the MRA.

One respondent disagreed with CP1419. They believed that CP1419 is almost reversing the rules to allow (by option) the sending of a D0312 flow on a CoS or a change of MOA. They were therefore of the view that CP1419 should not be implemented and that the D0312 flow should continue to only be sent when one of the items in the flow had actually changed, as per the original requirements. They believed there could be numerous issues with the incoming MOA sending a D0312 flow prior to its start date upon receipt of the D0149 'Notification of Mapping Details' and D0150 'Non Half-hourly Meter Technical Details' data flows for a CoA from the old MOA. They were concerned that this may result in issues arising within ECOES from inherited standing data if there were mismatches.

Another respondent who was in support of CP1419 had similar concerns that this could increase the possibility of incorrect data being provided to ECOES. In these cases a new MOA will not have visited the site and so could not verify the data before sending the D0312 flow. If it is invalid then it could have a detrimental impact on the processes used to allocate prepayment transactions to correct Suppliers, which is reliant on the accuracy of the relevant data within ECOES. However, they were not sure if there is any way to check this issue to determine if such a concern is valid or not.

We do not consider these to be issues as CP1419 seeks only to allow those MOAs who currently send a D0312 flow on a CoS or change of MOA to do so without impacting those that do not, reflecting current practice. The associated ECOES enhancements would subsequently disregard any such submission that has the same information as the data already held in ECOES (with the exception of the installation date). If the old MOA had

previously failed to update ECOES, but sends a correct D0150 flow on a CoS or a change of MOA, the D0312 flow will correct ECOES. The only risk that might arise is that the new MOA updates ECOES based on an incorrect D0150 flow from the old MOA. This would be a risk in any case, notwithstanding CP1419.

Comments on the proposed redlining

One respondent provided comments on the proposed changes to BSCP514. These comments and our responses are summarised in the table below. No changes were made to the BSCP514 redlining in response to these comments.

Comments on the CP1419 Proposed Redlining		
Document & Location	Comment	ELEXON's Response
BSCP514 5.2.1.11	We do not feel that this new section is required but that sending of D0312 to ECOES should be part of 5.2.1.9.	We believe it is clearer if the optional sending of the D0312 flow is contained in a separate step following on from the sending of the MTDs, rather than be incorporated into the existing mandatory steps. This separation is also consistent with existing references to submit the D0312 flow. We therefore do not believe any changes are required.
BSCP514 5.2.4.11	We do not feel that this new section is required but that sending of D0312 to ECOES should be part of 5.2.4.9.	
BSCP514 5.2.7.8	We do not feel that this new section is required but that sending of D0312 to ECOES should be part of 5.2.7.7.	
BSCP514 6.2.1.11	We do not feel that this new section is required but that sending of D0312 to ECOES should be part of 6.2.1.10. If this alignment is not felt appropriate then we should reduce 10WDs to 1WD to better align with CP 1405 changes.	We do not believe the new steps should be merged into the existing steps for the same reasons as above. We note that CP1405 'Facilitating Faster Switching in the NHH Market' did not propose any changes to existing timescales for submitting the D0312 flow, and that the 10 Working Days (WD) proposed under CP1419 aligns with the existing timescales for submitting the D0312 data flow within BSCP514.
BSCP514 6.2.4.11	We do not feel that this new section is required but that sending of D0312 to ECOES should be part of 6.2.4.10. If this alignment is not felt appropriate then we should reduce 10WDs to 1WD to better align with CP 1405 changes.	
BSCP514 6.2.5.9	We do not feel that this new section is required but that sending of D0312 to ECOES should be part of 6.2.5.8. If this alignment is not felt appropriate then we should reduce 10WDs to 1WD to better align with CP 1405 changes.	

SVG's final views

Following the CP Consultation, the SVG considered and made its decision on CP1419 at its meeting on 4 November 2014 ([SVG165/03](#)).

One SVG Member again queried why the proposed solution was optional given that part of the rationale for CP1419 and the ECOES enhancements was to improve the accuracy of data within ECOES. They felt that if the solution was considered to be a good solution that had clear benefits than it should be mandated in order to realise the full benefits.

CP1419 is a consequential change under the BSC in response to an approved change under the MRA; changing or rejecting the solution could have impacts on the original MRA changes. The PAPEG's original intention when formulating the ECOES enhancements was not to affect current practice, and saw the optionality as a key part of its wider solution. The SVG felt that, while an optional solution would not realise the full potential benefits, it would realise some of these benefits. Furthermore, with the levels of change currently taking place, an optional solution is more likely to gain traction among participants than a mandatory solution, while a mandatory solution would have an impact and associated cost for those MOAs that had to change their processes.

Members considered the issue of MOAs who currently send a D0312 flow on a change of Supplier or MOA, despite BSCP514 stating the D0312 flow should only be sent when information has been updated. One Member queried whether CP1419 could be seen as changing the arrangements to suit those participants who were currently non-compliant, and feared this could set precedence. Other Members did not share the view, noting each change is assessed on a case-by-case basis based on its own merits. They also felt that there was an overall benefit to CP1419 due to the improvement in data quality it would provide.

Final decision

The SVG has:

- **APPROVED** CP1419 for implementation on 26 February 2015 as part of the February 2015 BSC Systems Release.

Appendix 1: Glossary & References

Acronyms

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

Glossary of Defined Terms	
Acronym	Definition
BSCP	Balancing and Settlement Code Procedure (<i>document</i>)
CoS	Change of Supplier
CP	Change Proposal
DTC	Data Transfer Catalogue
ECOES	Electricity Central Online Enquiry Service (<i>database</i>)
MAP	Meter Asset Provider (<i>Party Agent</i>)
MOA	Meter Operator Agent (<i>Party Agent</i>)
MPAS	Meter Point Administration Service
MRA	Master Registration Agreement (<i>industry Code</i>)
MRASCo	Master Registration Agreement Service Company (<i>Code Administrator</i>)
MSID	Metering System Identifier
MSN	Meter Serial Number
MTD	Meter Technical Details
PAPEG	Prepayment Allocation Process Expert Group
SVG	Supplier Volume Allocation Group (<i>Panel Committee</i>)
WD	Working Day

DTC data flows and data items

Data Transfer Catalogue (DTC) data flows and data items referenced in this document are listed in the table below.

DTC Data Flows and Data Items	
Number	Name
D0149	Notification of Mapping Details
D0150	Non Half-hourly Meter Technical Details
D0312	Notification of Meter Information to ECOES

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	ECOES page on the MRA website	http://www.mrasco.com/ecoes
2	D0312 flow in the DTC	http://dtc.mrasco.com/DataFlow.aspx?FlowCounter=0312&FlowVers=1&searchMockFlows=False
2	BSCPs page on the ELEXON website (for BSCP514)	http://www.elexon.co.uk/bsc-related-documents/related-documents/bscps/
3	CP1419 page on the ELEXON website	http://www.elexon.co.uk/change-proposal/cp1419/
5	SVG163 page on the ELEXON website	http://www.elexon.co.uk/meeting/svg-163/
7	CP1405 page on the ELEXON website	http://www.elexon.co.uk/change-proposal/cp1405/
8	SVG165 page on the ELEXON website	http://www.elexon.co.uk/meeting/svg-165/