

Guidance Title:	Meter Operator and Supplier guidance for sending D0312s and D0304s to MPAS
Audience:	Suppliers and Meter Operators
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Meter Operator Guidance on the new D0312 process

1. Who is this document for?

This document has been written for Meter Operators (MOPs) and Suppliers, to provide guidance on the new D0312¹ and D0304² Meter Point Administration Service (MPAS) update process, which will go-live from June 28th 2019. It will be of specific interest to those involved in sending D0312s and D0304s and dealing with rejections.

This document is intended as guidance only. It is not binding on MRA parties.

2. Why should I read this document?

The process for sending meter information is changing from June 28th 2019. The changes will require Meter Operators and Suppliers to make changes to their systems and processes. It will also require them to deal with a new set of D0312 and D0304 rejection codes.

You should read this document to understand the specific changes being made, their likely impacts on you and the expectations in the Master Registration Agreement (MRA) and the Balancing and Settlement Company (BSC) on Meter Operators and Suppliers after the changes are made.

This document assumes that BSC CP 1515 version 2, which creates Meter Operator obligations around the new process in the BSC, is approved for June 2019.

3. What is changing?

We summarise the changes below. Subsequent sections explain change in more detail.

- D0312s will be sent to Meter Point Administration Service (MPAS) instead of the Electricity Central Online Enquiry Service (ECOES)
- D0304s will be sent from Meter Operators to MPAS to notify MPAS of a change of Meter Asset Provider (MAP) only

¹ Notification of Meter Information to MPAS

² Notification of Meter Asset Provider

- New data groups and data items are being added to the D0312 and D0304.
- Date of Meter Installation is changing from optional to mandatory
- New instances of the D0312 and D0304 (from MPAS to the Meter Operator and MPAS to the Supplier) are being added, to provide Suppliers and MOPs with reason codes for rejections
- Meter Operators will only receive one response instance per D0312/D0304 sent
- The ECOES meter maintenance screen is being changed to read-only

D0312s will be sent to Meter Point Administration Service (MPAS) instead of the Electricity Central Online Enquiry Service (ECOES)

The current process involves Meter Operators sending D0312s to the Electricity Central Online Enquiry Service (ECOES). The new process will require Meter Operators to send D0312s (and D0304s) to the Meter Point Administration Service (MPAS) instead.

Because each Distribution Network Operator (DNO) hosts a separate instance of MPAS for their Distribution Network, Meter Operators will need to send D0312s to the MPAS hosted by the DNO responsible for the relevant Metering Point.

D0304s will be sent from Meter Operators to MPAS to notify MPAS of a change of MAP only

The new process will require Meter Operators to send a D0304, "Notification of Meter Asset Provider" to notify MPAS when only the MAP has changed.

As for the D0312, D0304s will have to be sent to the MPAS hosted by the DNO responsible for the relevant Metering Point.

New data groups and data items are being added to the flow

The format and composition of the D0312 and D0304 are also changing. The main changes are:

- Date of Meter Installation has changed from an optional to a mandatory data item in the D0312
- New data groups have been added for MPAS response instances of both flows

Further information on the changes can be found at: <https://dtc.mrasco.com/ListDataFlows.aspx>

New instances of the flow are being added, to provide confirmation of acceptance and notification of rejections

MPAS will provide Suppliers and Meter Operators with a response version of the D0312 and Meter Operators only with a response version of the D0304, which will include a response code for each set of details which the Meter Operator included in their original D0312/D0304 to MPAS. The response code will either confirm that the updated details have been added to MPAS or provide a reason why they were rejected. This functionality will replace the current ECOES reporting of rejected meter details.

Meter Operators will only receive one response instance per D0312/D0304 sent

MPAS will advise of rejected updates differently from ECOES. It will be based on a return instance of the D0312 or D0304, which will report to the Meter Operator and (for the D0312 only) the Supplier which updates have been accepted, which have been rejected, and the reason for any rejection.

MPAS will only provide the response instance of the flow once per D0312/D0304 sent by the MOP. It will not continue to report historical rejections until they're resolved, in the way that ECOES does currently.

The ECOES meter maintenance screen is being changed to read-only

The ECOES meter maintenance screen, which Meter Operators currently use to manually update the meter details provided in D0312s, will be made read-only. Updates to meter details can only be made through sending of a D0312 or a D0304 under the new process.

The screen is being made read-only so that it can still be used by Meter Operators to look-up Meter Operator appointment history.

4. When am I required to send a D0312 or a D0304?

Balancing and Settlement Code (BSC) Procedure (BSCP) 514, "SVA Meter Operations for Metering Systems Registered in SMRS", Section 2.1.4 (<https://www.elexon.co.uk/documents/bsc-codes/bscps/bscp514-2/>), specifies when the D0312 should be sent.

The BSCP requires it be sent when certain meter details change. The definitive version can be found in BSCP 514, but the current set is as follows:

- Metering System ID
- Meter Serial Number
- Meter Type
- Date of Meter Installation
- Date of Meter Removal
- Meter Asset Provider ID

Note that a D0304 should be sent when *only* the Meter Asset Provider ID is changing. In all other circumstances, a D0312 should be sent. This requirement is clarified in new BSCP 514 and 501 drafting being proposed to support these changes, through BSC CP 1515, version 2.

In addition, **the drafting removes the current optional step of sending a D0312 on a change of Supplier or agent.**

5. What should normally happen under the new process?

Normally, when one of the data items listed in BSCP514 changes, a D0312 should be sent with the new meter details. The D0312 is a full restatement of the meter details for a Metering Point.

6. What should I do if I don't know the Date of Meter Installation when I should send a flow?

You can use the Electricity Central Online Enquiry Service (ECOES) to look up the missing mandatory data item. A previous Meter Operator will have provided a value, or ECOES will have provided a default, in the case of some data items provided to ECOES before DTC CP 3554 goes live.

As a temporary solution to ensuring Meter Operators retain access to the appointment history and other meter details available through the meter maintenance screen, we will continue providing access to it on a read-only basis.

Once the main changes for June 2019 are in place we will explore any potential improvements to how the data is accessed with the Association of Meter Operators (AMO) and through the normal MRA Change Process. In the event that a change isn't agreed, the read-only access to the maintenance screen will carry on indefinitely.

7. What should I do about rejections?

When MPAS receives a D0312 from a Meter Operator, Suppliers and Meter Operators will both receive a response instance of the D0312 from MPAS, confirming successful updates and advising of the reasons for any rejections.

When MPAS receives a D0304 from a Meter Operator, only the Meter Operator will receive a response instance of the D0304 from MPAS, confirming successful updates and advising of the reasons for any rejections.

Not all the rejection codes will be resolvable through unilateral action from Meter Operators. Some will require coordinated action with the registered Supplier to resolve.

BSC Change Proposal 1515 version 2 is, at time of writing, being proposed for a June 2019 release. It sets out, through revised drafting of BSCPs 514 and 501, the timescales expected for Meter Operators to address the reasons for rejection and to send corrected D0312/D0304s.

The timescales are either:

- 5 working days for rejection reasons that the Meter Operator can resolve without involving other parties; or
- Reasonable endeavours where cooperation with other parties is required

8. Which Meter Operators can make changes to meter details in MPAS?

MPAS will validate the Meter Operator sending the D0312/D0304 against historical Meter Operator appointments.

Only the current and the immediately previous Meter Operator will be able to make changes to the meter details in MPAS. The current Meter Operator can make changes to the all meter details in MPAS, current and historical. The immediately previous Meter Operator can make changes to meter details up to their MOP appointment Effective To Date but not beyond.

The validation is intended to recognise that for some time after a change of agent, the de-appointed Meter Operator could have valid reasons for wanting to correct the meter details live during its appointment.

If any other Meter Operator attempts to make changes to meter details, MPAS will reject a:

- **D0312** with a MOP Flow Response Code of "I" - Sending MOP is not the appointed MOP on date of meter work or the current MOP; or
- **D0304** with an MPAS D0304 Response Code of "L" - Rejected - Sending MOP is not the appointed MOP on date of MAP appointment or the current MOP.

9. Where can I go for further guidance?

The MRA website hosts a set of MPRS validation rules (<https://www.mrasco.com/mra-products/mprs-validation-rules/>), which explain in more detail how each of the rejection codes above has been implemented in MPAS. Once these rules are finalised, they will be available as a 'future' version on the MRA website. Once the June 2019 MRA Release goes live on June 28th 2019, they will be available under 'current'.

A draft version of these validation rules, intended to give Meter Operators and Suppliers as much forward visibility as possible, will be published on the MRA website in the next month.

Alternatively, you can email the MRA helpdesk (MRAHelpdesk@gemserv.com) and ask to be directed to current and future MPAS validation rules on the website.

The Data Transfer Catalogue, including the new version of the D0312, the new instances of the D0304 and the new Data Items, is defined at <https://dtc.mrasco.com/ListDataFlows.aspx>.

Version Control

Version	Purpose	Released On
1.0	Published for stakeholder use after FSEG review	22/3/2019