

Issue 99 - Digital Meeting Etiquette

- Welcome to the Issue 99 Workgroup meeting 2 – we'll start shortly
- No video please to conserve bandwidth
- Please stay on mute unless you need to talk – use IM if you can't break through
- Talk – pause – talk
- Lots of us are working remotely – be mindful of background noise and connection speeds

ELEXION

**Issue 99 - 'Review the use of the D0215
flow and its associated processes'**

Meeting 2

2 August 2022

Meeting Agenda

Objectives for this meeting:

- Agree the solution for Issue 99
- Agree the draft redline text requirements
- Confirm the next steps for Issue 99

Agenda Item	Lead
1. Welcome and meeting objectives	Keren Kelly (Chair)
2. WG1 summary	Stanley Dikeocha (Lead Analyst)
3. RFI responses	Stanley Dikeocha
4. R0017 Solution	Harriet Truss (REC)
5. Review of the D0215 associated processes	Christopher Day (SME)
6. Workgroup discussion	Workgroup
7. Next steps	Stanley Dikeocha
8. Meeting close	Keren Kelly



WG1 SUMMARY

WG1 Summary

The first Issue 99 meeting was held on Tuesday 5 April 2022. At this meeting, we:

- Provided an overview of the BSC Issue process
- Discussed the background and highlighted issue around the value and use of the D0215 data flow
 - The Proposer noted that the D0215 flow doesn't always contain the correct and complete information
- The workgroup discussed and debated the three solution options presented by Elexon. They include:
 - **Option 1** – remove the D0215 flow from the industry process;
 - **Option 2** – review and improve the associated processes to the D0215 flow; and
 - **Option 3** – remove the optional fields in the D0215 flow
- Further conversations led the workgroup to arrive at a fourth solution option that includes the combination of option 2 and 3
- In conclusion, the workgroup agreed to issue a RFI to industry (specifically LDSOs, MEM/MOAs and suppliers) to understand the value of the D0215 flow to them, and what option would they like to see progressed



RFI RESPONSES

RFI Responses

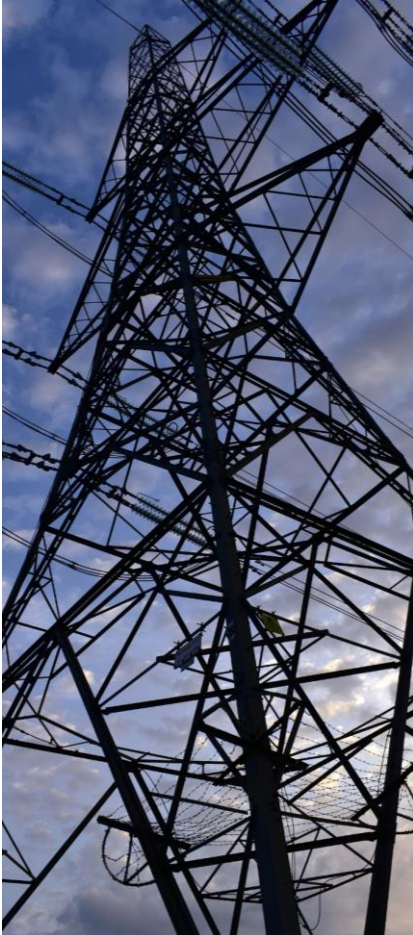
- The Issue 99 RFI ran from Monday 13 June 2022 until Friday 1 July 2022, with 13 responses received
- The respondents represented **five** Metering Equipment Managers (MEMs)/ Meter Operator Agents (MOAs), **six** Licensed Distribution System Operators (LDSOs) and **two** Suppliers
- The majority of respondents were not in favour of removing the D0215 flows, recommending that the flow is re-evaluated alongside its associated processes
- **Question 1** which sought to confirm if Suppliers were aware of the D0215 flow (i.e. do they receive the flow in their respective business system) highlighted that Suppliers were aware of the D0215 data flow
- **Question 2** was asked to understand the value of the D0215 flow, with the majority (**46%**) of respondents confirming that the D0215 data flow does not add value to their operational processes. **31%** believed that the D0215 adds value, while **23%** did not comment
- **Question 3** was asked to confirm if the optional field in the D0215 flow can be removed. The majority (**38%**) of respondents disagreed with the removal of the optional field. **31%** agreed to remove the optional fields, while the other **31%** remained neutral or did not comment
- **Question 4** was asked to confirm the relevance of the footnotes in BSCP515 and the REC MO Schedule. **38%** disagreed with the footnotes, **23%** agreed with the footnotes, while the other **38%** remained neutral

RFI Responses

- Questions 5 and 6 were asked to LDSOs to ascertain the effort and value of processing the D0170 request from MEMs
 - Collectively, the LDSOs receive around **9000 D0170 requests** on average on a monthly basis, equating to **2 FTE per month; and**
 - According to the respondents, around **10% of the D0170 requests** are valuable
- Question 7 was asked to confirm which solution was preferred by industry
 - Out of the four available options, the majority of respondents preferred **option 4 (had seven occurrences)**, which will combine the solutions from options 2 and 4;
 - **Option 2 (had five occurrences)** was the next preferred option. This will be subsumed by Option 4;
 - **Option 1** had the least (**two occurrences**) selection; and
 - One respondent **remained neutral** on all four options.



R0017 - INVALID REQUESTS FOR SITE TECHNICAL DETAIL



- **Overview**

This Change Proposal seeks to provide clarity to Distribution Network Operators (DNOs) and Metering Equipment Managers (MEMs) on the process for requesting and sending Site Technical Details as part of Meter Asset Installation, Switch or Change of Agent processes.

- **Problem Statement:**

Distribution Network Operators (DNOs) have reported that they are receiving a high volume of requests for Site Technical Details for Domestic and Microbusiness sites following a Switch or Change of Agent, resulting in increased workload for DNOs to validate and process these requests. It is not clear if these requests are all necessary or required by the MEMs and justify the effort required by the DNO to process these requests.

- **Working with Elexon under BSC Issue 99 to progress analysis and solution development**
- **R0017 - Invalid requests for Site Technical Details**

POTENTIAL IMPACTS TO REC PRODUCTS

- **Data Specification - Market Messages and Data Items:**
 - MM00075 (D0170)
 - MM00117 (D0215)
 - MM00369 (D0382)
- **Schedule 14 - Metering Operations**
 - HH Install
 - HH Switch
 - NHH Switch
 - HH CoA
 - NHH CoA
 - HH De-energise Feeder
- **Electricity MOCOP:**
 - “**Part 2: Site-specific information:** Upon request from a [MEM](#) the following Site-specific information shall be provided by a [DNO](#), either electronically using data flow [D0215](#), or by other means. CT and VT test certificates will also be provided if they are available.”
- “⁵⁵ If required, and at any time after the effective date of the [Metering Equipment Manager](#) 's Appointment (and only for [Metering Points](#) first registered after 6 November 2008), the [Metering Equipment Manager](#) may request Site Technical Details by sending a D0170 'Request for Metering System Related Details'. The [Distribution Network Operator](#) shall respond within 5 [WD](#) of such requests by sending a D0215 'Provision of Site Technical Details' or D0382 'Rejection Response for Request to [Distribution Network Operator](#) for Site Technical Details' either by electronic means or by another method, as agreed with the [Metering Equipment Manager](#). The [Metering Equipment Manager](#) shall determine any appropriate course of action within 2 [WD](#) of receiving this information.”
- “¹⁸ In the event of any subsequent changes to Site Technical Details, the [Distribution Network Operator](#) shall send an updated [D0215](#) 'Provision of Site Technical Details' to the [Metering Equipment Manager](#) within 1 [WD](#) of updating their systems. The [Metering Equipment Manager](#) shall determine any appropriate course of action within 2 [WDs](#) of receiving this information.” (HH install only)

D0215 – PROVISION OF SITE TECHNICAL DETAILS

Scenario Variant	Name	Source	Target
SV00117	Provision of Site Technical Details	Distribution Network Operator	Electricity Meter Equipment Manager
SV00118	Provision of Site Technical Details	Distribution Network Operator	Electricity Supplier

Data Item Number	Local Catalogue Reference	Name
DI50003	J0003	MPAN Core
DI50197	J0427	Number of Phases
DI50205	J0443	Supply Voltage
DI50209	J0454	CT Ratio
DI50210	J0455	VT Ratio
DI50211	J0456	Supply Capacity
DI50241	J0505	CT Class
DI50242	J0506	CT Rating
DI50313	J0677	VT Class
DI50314	J0678	VT Rating
DI50478	J1025	Meter Equipment/Service Location

D0170 – VARIANTS

Scenario Variant	Name	Source	Target	Relevance to R17/Issue 99
SV00076	Request for Metering System Related Details	Electricity Meter Equipment Manager	Distribution Network Operator	HH Install, 6.6.2 HH Switch, Footnote to 9.6.8 and 9.6.14 NHH Switch, Footnote to 9.7.9 HH no meter, 9.8.12 NHH no meter, 9.9.10 HH CoA, Footnote to 11.7.8 and 11.7.13 NHH CoA, Footnote to 11.8.9 and 11.8. HH De-energise Feeder, footnote to 16.5.8

Data Item Number	Local Catalogue Reference	Name
DI50003	J0003	MPAN Core
DI50005	J0007	Requested Action Code
DI50008	J0012	Additional Information
DI50017	J0028	Date Action Required By
DI50457	J0926	New Meter Operator Id
DI50458	J0927	New Data Collector Id

J0007

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Requested Action Code

Transfer site details and MPAN core for new connection

Provide Site Technical Details



PROCESS REVIEW

• Key Questions

- Is the D0215 still appropriate in the process?
 - What value does the D0215 add to the process
 - Are all Data Items valuable additions to the carrying out of the process?
 - If not, which Data Items could be removed from the process (and potentially the scenario variant of the D0215 relevant to the process?)
- Does the D0382 add value to the process?
- Are the timings and SLAs of the D0215/D0382 suitably placed for maximising optimal value of the D0215?

Group ID	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Data Item Name
490	MPAN Cores	1-*		G								
					1							MPAN Core
					1							Supply Voltage
					1							Supply Capacity
					1							Number of Phases
					0							CT Ratio
					0							CT Class
					0							CT Rating
					0							VT Ratio
					0							VT Class
					0							VT Rating
					0							Meter Equipment/Service Location

D0382 – D0170 Rejection Description

Value	Description
01	Measurement transformers installed pre 6 November 2008 (BSC CP1225)
02	Measurement transformers not owned by DNO and are unlikely to ever be adopted into DNO ownership.
03	Measurement transformers not DNO owned and not yet adopted into DNO ownership.
04	DNO not relevant network operator for Metering Point.
05	Measurement transformer ratio(s) unknown



BSCP 515

BSCP515 – New SVA Metering System

Footnote number	Description
5	If required, and at any time after a new connection (and only for MSIDs first registered after 6 November 2008), the SVA MOA may make further requests for Site Technical Details from the LDSO, in which case the LDSO shall respond by sending a D0215 ‘Provision of Site Technical Details’ or D0382 ‘Rejection Response for Request to LDSO for Site Technical Details’ within 5WD.
6	In the event of any subsequent changes to Site Technical Details, the LDSO (where they hold responsibility under CoP4 for the measurement transformers installed at the site) shall send an updated D0215 ‘Provision of Site Technical Details’ to the SVA MOA within 1WD of updating their systems.

REF	WHEN	ACTION	FROM	TO	INFORMATION REQUIRED	METHOD
3.3.3	As required. ⁴	Request Site Technical Details ⁵ .	SVA MOA.	LDSO.	D0170 Request for Metering System Related Details.	Electronic or other method, as agreed.
3.3.4	If request for Site Technical Details rejected and within 5 WD of 3.3.3	Send Rejection response for request for Site Technical Details including the reasons why the request has been rejected.	LDSO	SVA MOA	D0382 Rejection response for Request to LDSO for Site Technical Details.	Electronic or other method, as agreed.
3.3.5	Within 5WD of 3.3.3.	Provide Site Technical Details.	LDSO ⁶ .	SVA MOA.	D0215 Provision of Site Technical Details.	Electronic or other method, as agreed.

Change of Measurement Class (SVA Only) from NHH to HH (and vice versa).

REF	WHEN	ACTION	FROM	TO	INFORMATION REQUIRED	METHOD
3.11.1	As required.	Request Site Technical Details	SVA MOA	LDSO.	D0170 Request for Metering System Related Details	Electronic or other method, as agreed.
3.11.2	If request for Site Technical Details rejected and within 5 WD of 3.11.1	Send Rejection response for request for Site Technical Details including the reasons why the request has been rejected.	LDSO	SVA MOA	D0382 Rejection response for Request to LDSO for Site Technical Details.	Electronic or other method, as agreed.
3.11.3	Within 5WD of 3.11.1	Send Site Technical Details	LDSO. ⁶	SVA MOA	D0215 Provision of Site Technical Details	Electronic or other method, as agreed.



REC METERING OPERATION SCHEDULE

Half Hourly Electricity Metering Asset Installed

Ref	When	Action	From	To	Information Required	Method
6.6.1	Where required and at least 10WD before 6.6.4 ¹⁵ .	Request Metering Asset installation, commissioning and energisation.	Electricity Supplier	MEM ¹⁶	Credit Meter D0142 Request for Installation or Changes to a Metering System Functionality or the Removal of all Meters. Prepayment Meter D0194 for key meters D0216 for token meters	Electronic or other method, as agreed
6.6.2	Within 2WDs of 6.6.1.	Request Site Technical Details. Optional for Supplier Serviced Metering Assets .	MEM	DNO	D0170 Request for Metering System Related Details.	Electronic or other method, as agreed
6.6.3	If request for Site Technical Details rejected and within 5WD of 6.6.2.	Reject request for Site Technical Details.	DNO	MEM	D0382 Rejection response for Request to DNO for Site Technical Details	Electronic or other method, as agreed

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6.6.4	If request for Site Technical Details accepted and within 5WD if 6.6.2.	Send Site Technical Details.	DNO ¹⁷	MEM	D0215 Provision of Site Technical Details	Electronic or other method, as agreed
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REC Metering Operations Schedule Footnotes

Footnote number	Description
18	In the event of any subsequent changes to Site Technical Details, the Distribution Network Operator shall send an updated D0215 'Provision of Site Technical Details' to the Metering Equipment Manager within 1WD of updating their systems. The Metering Equipment Manager shall determine any appropriate course of action within 2 WDs of receiving this information.
34	The MTD, in the form of the D0268 flow, is to be sent under all circumstances, even if no Metering System is present on site, unless the MEM does not have sufficient information to fully populate group 01A of the flow, in which case D0268 will not be sent. Additionally, the D0268 flow would not be sent in the context of Switch /Change of Agent scenarios on 'New Connections' (if no D0215 'Provision of Site Technical Details' flows had been received by Metering Equipment Managers from Distribution Network Operators) or 'Change of Measurement Class from NHH to HH' scenarios (if there was insufficient information available to fully populate group 01A due to site changes).
55	Note that if there is also a concurrent change of HHDC, the Gaining Supplier shall send the D0148 once the D0011 from both the Metering Equipment Manager and the HHDC has been received and within 5WD of the receipt of the latter D0011.

Half Hourly Metering Point Switch

Site Technical Details						
9.8.12	If required, and at any time after the effective date of the MEM 's appointment	Request Site Technical Details	Gaining		D0170 Request for Metering System Related Details.	Electronic or other method, as

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	(for RMP s first registered after 6 November 2008)		MEM	DNO		agreed
9.8.13	If requested accepted and within 5 WD of 9.8.12	Send Site Technical Details	DNO	Gaining MEM	D0215 Provision of Site Technical Details	Electronic or other method, as agreed
9.8.14	If requested rejected and within 5 WD of 9.8.12	Send Rejection Response	DNO	Gaining MEM	D0382 Rejection Response for Request to LDSO for Site Technical Details	Electronic or other method, as agreed

Non- Half Hourly Metering Point Switch

Site Technical Details						
9.9.10	If required, and at any time after the effective date of the MEM 's appointment (for RMPs first registered after 6 November 2008)	Request Site Technical Details	Gaining MEM	DNO	D0170 Request for Metering System Related Details.	Electronic or other method, as agreed
9.9.11	If requested accepted and within 5 WD of 9.9.10	Send Site Technical Details	DNO	Gaining MEM	D0215 Provision of Site Technical Details	Electronic or other method, as agreed
9.8.14	If requested rejected and within 5 WD of 9.9.10	Send Rejection Response	DNO	Gaining MEM	D0382 Rejection Response for Request to LDSO for Site Technical Details	Electronic or other method, as agreed



NEXT STEPS

Next steps

- Share the summary note of today's discussion
- Create and share the draft redline text for WG review

MEETING CLOSE

ELEXON

THANK YOU

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2 August 2022