

Minutes

MEETING NAME: TECHNICAL ASSURANCE OF METERING EXPERT GROUP (TAMEG)

Meeting number **44**

Venue **ELEXON Ltd**

Date of meeting **20 January 2021**

Classification **Public**

Attendees and Apologies

Attendees

Mike Smith	MS	TAMEG Chair
Keith Phakoe	KP	Technical Secretary
Michael Taylor	MT	Elaxon
Christopher Day	CD	Elaxon
Simon Waltho	SW	Elaxon
Lisa Young	LY	C&C (TAA)
Colin Gentleman	CG	SSE (LDSO)
Warren Lacey	WL	Northern Powergrid (LDSO)
David Nutbrown (for Richard Turner)	DN	EDF (MOA)
Nicholas Sawyer	NS	Npower (MOA)
Anthony Hobbs	AH	Industry Expert
Kevin Walker.	KW	E.ON (MOA)
Tom Chevalier	TC	Association of Meter Operators
Dawn Matthews	DM	UKPN (LDSO)
Meg Wong	MW	Stark (HHDC)
Richard Brady	RB	WPD (LDSO)
Dan Rynne	DR	IMServ (MOA)

Attendees and Apologies

Paul Gregory	PG	C&C (TAA)
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Apologies

Michael Slater	MS	Total Gas & Power
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1. TAMEG Stats Report

- 1.1 Elxon asked for comments regarding the report and presented slides surrounding Inspection Visits and results, including results and an explanation of both Central Volume Allocation (CVA) Category 1 and 2 non-compliances.
- 1.2 A TAMEG member asked why Commissioning would have mitigated the Category 1 non-compliance (NC) on the CVA Targeted Visit. Elxon explained that a material change had been made to the Metering System and that Commissioning had not been undertaken following completion of the work. The secondary wiring to the Meters was accidentally cut. The material change was replacing the secondary wiring to the Meters, so the end-to-end process had not been completed. A TAMEG member asked why the error was not flagged by the Central Data Collection Agent (CDCA). Elxon explained that CDCA didn't notice any phase failure flags on the Meter and the reasons behind that were unclear, but investigations were still in progress.
- 1.3 A TAMEG member stated that if the Meter was disconnected the CDCA would not be able to communicate with it. Elxon stated that as a Code of Practice (CoP) 1 site there should be an auxiliary supply maintaining the Outstation, so the expectation is that phase failures would continue to be flagged.
- 1.4 A TAMEG member stated that Elxon had described the Commissioning as being out of date and added whether it was more accurate to say that the Commissioning was not relevant to the Metering Equipment installed, as old Commissioning records were provided instead of ones relating to the new (changed) Metering Equipment. Elxon agreed.
- 1.5 A TAMEG member wondered if there was any value in doing more Measurement Class E Desktop Audits, as the sample size was nearly 1,000. Elxon explained that they had increased the number of Desktop Audits, as on-site Inspection Visits (as part of the Main Sample scope) were not achievable in the current climate. Elxon added that the Specific Sample is coming to a close in January 2021.
- 1.6 A TAMEG member wanted clarity on the key message of the Desktop Audit results. Elxon responded that further analysis would be undertaken following completion of the sample. Findings will be shared at the next TAMEG meeting.
- 1.7 A TAMEG member asked for an update on the status of the question they had raised regarding data protection for Single Line Diagrams (SLDs). Elxon replied that it was still with Elxon's legal team.
- 1.8 A TAMEG member asked if responsibility for Category B.3 (SLD related NCs) are being moved to Licensed Distribution System Operators (LDSOs). Elxon replied that, going forward, B.3 NCs would be registered against the LDSO. Elxon confirmed that it is investigating the possibility of re-assigning all current SLD related NCs to the LDSO retroactively.
- 1.9 A TAMEG member thought it was sensible, but pointed out that LDSOs cannot see the non-compliances, as they sit with Suppliers. Elxon responded this would not be a problem once the non-compliances are moved to the LDSO in the Technical Assurance Agent Management Tool (TAAMT) system.
- 1.10 Elxon asked if the TAMEG agreed that existing non-compliances for SLDs should be moved to LDSOs. A TAMEG member had an issue with SLDs having associated non-compliances when there had not previously been a requirement to hold them.
- 1.11 A TAMEG member noted previous discussions that SLDs had limited value for Low Voltage (LV) sites. Elxon replied that they had changed the obligation for LV sites to accept generic drawings, as feedback from LDSOs said site specific SLDs were not generally created for LV sites.

- 1.12 Elxon further stated that for High Voltage (HV) and Extra High Voltage (EHV) sites, the SLDs provided value in assessing the point of connection to the Total System and of Metering Equipment, like CTs and VTs, and their location, to cross reference any data pertaining to Metering Equipment with other items of evidence submitted.
- 1.13 A TAMEG member stated that they felt SLDs for LV sites added no real benefit.
- 1.14 A TAMEG member advised that they did not produce SLDs. A TAMEG member added they produced operational SLDs to indicate the end of LDSO's network, but SLDs did not typically show measurement transformer details. A TAMEG member added that SLDs can change once a site is finalised, and it would take LDSOs 10 days to physically check HV and EHV sites are correct against newly drafted SLDs.
- 1.15 Elxon noted the feedback and reminded the TAMEG that the obligation was introduced to ensure highest benefit from the Desktop Audits. Following a review of availability and the quality of SLDs in the Measurement Class C sample, further adaptations to the SLD requirements can be discussed.
- 1.16 Elxon enquired what other processes Parties employed to ensure the Actual Metering Point (AMP) and Defined Metering Point (DMP) are the same, and whether this could be included in Desktop Audits in place of SLDs. A TAMEG member replied that they weren't aware of any. A TAMEG member advised that requirements to produce and hold SLDs for HV sites could be discussed at the CoP review. Elxon agreed.
- 1.17 A TAMEG member enquired whether a particular Meter Operator Agent (MOA) had undertaken a higher portion of the Desktop Audits. Elxon confirmed this, but pointed out the limitations of the audits being optional, which can result in certain Participants incurring more audits.
- 1.18 A TAMEG member asked if P272¹ had contributed to missing Commissioning records. Elxon said it may have, but the TAA had endeavoured to only select post-P283² sites, which have a lower likelihood of being impacted by P272.
- 1.19 A TAMEG member asked if there was a plan for Desktop Audits, post COVID-19. Elxon responded that it planned to continue Desktop Audits but use them alongside Inspection Visits, as originally planned.
- 1.20 A TAMEG member asked how much of Measurement Class E had been done in comparison to Class C. Elxon stated that the Class E population size was between 80,000 and 90,000 Metering Systems, and this Desktop Audit was 1000 out of 80,000 to 90,000 which is 1.11% to 1.25%.

2. TAM Headline Report

- 2.1 A TAMEG member enquired after volumes of Desktop Audits planned for Measurement Class C. Elxon stated that the number was around 400, as there would be no increase on industry resource to achieve a larger sample before the end of the audit year 2020/2021.
- 2.2 A TAMEG member enquired after Desktop Audits that had been recommended for Inspection Visits. Elxon responded that a number of Desktop Audits had been recommended for Inspection Visits, but had not taken place due to COVID-19. Elxon added that endeavours were made to resolve issues remotely, where possible.

3. D0215 'Provision of Site Technical Details' Data Flow – Discussion

- 3.1 A TAMEG member advised Elxon to perform a Technical Assurance of Performance Assurance Parties (TAPAP) audit to determine if MOAs were using optional information in D0215s. If the TAPAP findings indicated that optional information was not used, then it should be removed.
- 3.2 A TAMEG member stated that the D0215 had been created because LDSOs were changing ratios and communicating this via email. A TAMEG member added that MOAs were unaware of the changes, which impacted Settlement. The addition of the D0215 flow provided an auditable route for data to be passed on.
- 3.3 A TAMEG member noted that the Meter Operation Code of Practice Agreement (MOCOPA)³ overlays additional processes around the transfer of the D0215 (and when this transfer should occur), and the LDSO should be working on this with the MOA. A TAMEG member advised that the optionality in the D0215 is

¹ 'Mandatory Half Hourly Settlement for Profile Classes 5-8'

² 'Reinforcing the Commissioning of Metering Equipment Processes'

³ An Agreement between Distribution Businesses, MOCOPA Operators and the Registration Authority of whom are responsible for specific functions in accordance with the terms of the Agreement. Please visit <https://mocopa.org.uk/> for more details.

because the flow is also used for Whole Current (WC) metering. A TAMEG member noted that there could be further clarification in [Annex C](#)⁴ of the [Data Transfer Catalogue](#) (DTC).

- 3.4 A TAMEG member agreed that clarity in Annex C of the DTC would be helpful. A TAMEG member enquired whether the D0383⁵ had now superseded the D0215. A TAMEG member responded that the D0383 provides Commissioning information with a greater level of accuracy. A TAMEG member asked if D0215s were requested when they are not required, likely through automated processes. TAMEG members agreed to investigate this in their internal systems. **Action 44.01**
- 3.5 A TAMEG member noted that as an MOA they did not see value in D0215s, due to the unreliability of the information. As a result the D0215 flows are often deleted on receipt as they are not part of their process and they do not use the information that they contain, even though in [BSCP514](#) it is mandatory for the MOA to send a D0170⁶ to the LDSO on a new connection requesting one. The member commented that this would be seen as supplementary information that was not definitive, and this means that, even if the information is correct, the process is redundant.
- 3.6 A TAMEG member stated that MOCOPA labels were a readily used source of information for determining measurement transformer ratios, yet Elexon had historically refused to recognise them. A TAMEG member advised that the use of MOCOPA labels, as a valid data source for measurement transformer ratios, should be revisited.
- 3.7 A TAMEG member asked if D0383 information could be used instead of the D0215. A TAMEG member responded that the D0383 was more reliable, yet was often unavailable at the time D0215s were requested.
- 3.8 A TAMEG member stated that the DTC included an instance of a D0215 that could be sent to the Supplier and enquired whether this overloads Suppliers with D0215. A TAMEG member responded that the D0215 was the only way for a Supplier to be aware of the Supply Capacity⁷ (the J0456 Data Item in the D0215). **Post meeting note:** Elexon notes that there is no [BSCP514/515](#) process step for a D0215 to be sent from LDSO to Supplier.
- 3.9 A TAMEG member stated that there should be value in all actions, if there is no value in sending a data flow, it should not be sent. Elexon enquired whether the Supply Capacity was available in other data flows. A TAMEG member responded that it is only available in the D0215.
- 3.10 A TAMEG member highlighted that the D0215 had become redundant due to other, newer, flows that provide the same information. As such, it was extremely difficult for MOAs to separate the valuable information due to the large volumes sent. A TAMEG member agreed that there is value in the D0215, providing the volumes of those sent are reduced.
- 3.11 A TAMEG member stated that, as an LDSO, they had received over 300,000 D0170 flows last year, and were unable to identify relevant flows due to the high volumes. A TAMEG member stated that, in the instances where equipment is not changing, but a D0215 flow is sent, this is not a value-added exercise.
- 3.12 Elexon asked if the D0382⁸ had been of any value for MOAs. A TAMEG member responded that the D0382 was more reliable than the D0215.
- 3.13 A TAMEG member advised that a TAPAP would be useful to determine the value of the D0215. Elexon responded that the proposal could be raised with the Performance Assurance Board (PAB), but approval is not guaranteed. Elexon added that a TAPAP might not be the best option and suggested a Request For Information (RFI) could achieve similar results. A TAMEG member suggested an Issue Group or a draft Change Proposal (CP), would be the best starting point. The TAMEG agreed to address this. **Action 44.02**
- 3.14 A TAMEG member asked if MOA systems send D0170 flows automatically, some of which are arguably of no value, on a Change of Agent/Change of Supplier. Elexon responded this was a likely scenario and advised that a CP could be raised to mitigate this to remove or amend footnote 12 within BSCP514, which allows the MOA to request a D0215 at any time within its appointment.

⁴ 'Rules for the completion of Data Flows'

⁵ 'Notification of Commissioning Information'

⁶ 'Request for Metering System Related Details'

⁷ Item Description: 'The maximum capacity of the equipment for which the customer has paid, including system reinforcement back up the line. If this is exceeded the customer is charged by the Distribution business. (Distribution Business term)'

⁸ 'Rejection Response for Request to LDSO for Site Technical Details'

- 3.15 A TAMEG member noted that there is nothing similar for embedded Central Volume Allocation (CVA) sites, as they used a different process to Supplier Volume Allocation (SVA) sites and it is harder to mandate as not all of them have to sign up to the BSC.

4. Actions

- 4.1 **Action 31.02.** Elexon advised that this action had been escalated internally, but had been deemed low priority. However, supplementary work continued and Elexon hoped to add resource to the progression of this action at a later date. Action remains open.
- 4.2 **Action 31.03.** As 31.02 above.
- 4.3 **Action 32.02.** This will be raised at the first meeting of the [Issue 93](#)⁹ Working Group to determine whether it could be added to the scope of Issue 93. This action was closed.
- 4.4 **Action 35.06.** Elexon added a tabled agenda item to the meeting. Action to remain open.
- 4.5 **Action 43.01.** Action closed, as work captured in the TAMEG meeting.
- 4.6 **Action 43.03.** The TAA has extracted the required data and are in the process of reviewing it. Action to remain open.

5. AOB

- 5.1 A TAMEG member asked if the existing creation of a standardised set of measurement transformer ratios change request ([CP1530](#)¹⁰) would impact MOAs and Suppliers as well LDSOs, so that any D0268 flows aligned with D0215s, when sent. Elexon replied that the valid set is against Data Items so anyone sending Data Flows that contain them, including MOAs and Suppliers, will have to comply. Elexon added that a [Newscast](#) article would be published following release.
- 5.2 A TAMEG member stated that the [Association of Meter Operators](#) (AMO) has talked about cleansing ratios that are currently held in systems but aren't part of the published valid set, and another member confirmed that LDSOs are also doing this.
- 5.3 A TAMEG member asked when further Desktop Audit improvements, discussed at TAMEG43, would be released. Elexon responded that improvements are included in the TAAMT2 project, which will be available either April or May 2021.
- 5.4 A TAMEG member asked about Trading Dispute DA1059 with a value of £375k for one day and the circumstances behind it. Elexon explained that Trading Disputes referred to as "General Disputes" referred to CVA Metering Systems. 'Faulty Meter' was the closest definition that was available for the actual error (an incorrectly configured Meter) that had occurred. Elexon took away an action to see if they could add a CVA Category to the Trading Dispute spreadsheet to make this clearer. **Action 44.03**
- 5.5 Elexon advised the next TAMEG meeting date would be 14 April 2021.

⁹ 'Review of BSC metering Codes of Practice'

¹⁰ 'Introduction of a formalised process for the validation of measurement transformer ratios by Elexon'