

MINUTES

MEETING NAME TECHNICAL ASSURANCE OF METERING EXPERT GROUP

Meeting number	39
Date of meeting	16 October 2019
Venue	ELEXON Ltd
Classification	Public

ATTENDEES AND APOLOGIES

Attendees	Mike Smith	MS	TAMEG Chair
	Vivian Ng	VN	Technical Secretary
	Kathrine Higby	KH	ELEXON
	Michael Taylor	MT	ELEXON
	Ivar Macsween	IM	ELEXON (Part meeting)
	Christopher Day	CD	ELEXON (Part meeting)
	Lisa Young	LY	C&C (TAA)
	Holly Mills	HM	EDF Energy
	Richard Brady	RB	WPD (LDSO)
	Warren Lacey	WL	Northern Powergrid (LDSO)
	Tom Chevalier	TC	Association of Meter Operator
	Anthony Hobbs	AH	Industry Expert
	Steve Jones	SJ	Npower (Supplier) (Bob Dryden replacement)
	Guy Oliver	GO	Npower (Supplier) (Bob Dryden replacement)
	Daniel Lewis	DL	EDF Energy (MOA)
	Dan Rynne	DR	IMServ (MOA)
	Michael Messenger	MM	IMServ (HHDC)
	Nicholas Sawyer	NS	Npower (MOA) (Teleconference)
	Dawn Matthews	DM	UKPN (LDSO) (Teleconference)
Apologies	Bob Dryden	BD	Npower (Supplier)
	Kevin Walker	KW	EON (MOA)
	Peter Gray	PG	SSE Business Energy (Supplier)

1. Introduction and Apologies

- 1.1 The TAMEG Chair informed the TAMEG members of the apologies ELEXON received.

2. Non-compliance stats report

- 1.2 A TAMEG member noticed a significant increase in Outstation clock issues despite changes in the tolerance level, and raised questions around the ways Data Collectors (DC) are checking the time and whether this issue all relates to the same DC.

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- 1.3 A TAMEG member also pointed out that there was an agreement with the Technical Assurance Agent (TAA) in the past to raise such issues with ELEXON or DC immediately once noticed. The member also noted that DCs should be notified of any such issue immediately as they are aware that a DC only keeps logs for a short period of time.
- 1.4 The TAMEG member also would like to have visibility of the reasons for the increase on Outstation clock issues and what analysis has been performed. The TAMEG member is concerned over this issue as they are aware that the process has changed and wants to ensure that the correct process is being adhered to.
- 1.5 A TAMEG member raised concern over Outstation clock Cat 1 non-compliance, as they cause a significant risk to Settlement. ELEXON agreed to undertake analysis to identify root causes of Outstation clock non-compliances.

ACTION 39.01

- 1.6 A TAMEG member noticed that the non-compliance stats report included both the CVA and SVA sites, and recalled mentioning splitting the statistics in the previous TAMEG meeting.

2. Outstanding Cat 1 non-compliance report

- 2.1 The TAMEG member noted that including dates of communications between the TAA and Parties in the outstanding non-compliance report make the report easier to use. ELEXON responded that it was currently reviewing the category 1 non-compliance paper and would include more details for future reports.

ACTION 39.02

- 2.2 2016-1600: A TAMEG member is concerned that this non-compliance is still pending rectification. The member noted that the site is not metered, is still energised and consuming energy and therefore is worrying as there are uncertainties of how much energy is being consumed. A TAMEG member also questioned why the site is not disconnected if it is planned to be demolished.
- 2.3 ELEXON to take action to raise query with the Licensed Distribution System Operator (LDSO) and the Registrant to check the on-site status and the progress for this non-compliance.

ACTION 39.03

- 2.4 2017-0158, 2017-0159: A TAMEG member noted that this is a High Voltage (HV) site, which is not metered correctly. The TAA informed the TAMEG that the latest updates provided to them states that last manual handheld read was this year (this was obtained 2 weeks prior to TAMEG meeting). ELEXON noted that this was from a targeted inspection due to the outstanding Trading Dispute and the Trading Dispute covered both the complex and non-complex issues.
- 2.5 A TAMEG member raised concern over the Registrant's awareness of the issue and requested the last update received from the Registrant. ELEXON responded that Registrants will be contacted prior to the long outstanding Category 1 non-compliances paper goes to the Performance Assurance Board (PAB) in November.
- 2.6 2017-1145: A TAMEG member requested more clarity and suggested to include details of Registrant and next steps.

Action 39.04

- 2.7 2017-1561: A TAMEG member raised concerns over the length of time taken for resolution. The TAMEG Chair noted that there will be new fault investigation process and SLA (Service Level Agreement) timeframes, as a result of [Issue 73](#). ELEXON noted that a review into the rectification process of non-compliances is planned for the next quarter.

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- 2.8 A TAMEG member highlighted that there should be a better process to contact parties involved. ELEXON noted that the Registrant is required to submit a rectification plan within 10 Working days. TAMEG Chair noted that the TAA reviews the plans.
- 2.9 A TAMEG member suggested providing details on a flow diagram to demonstrate milestones.
- 2.10 A TAMEG member realised that there is a requirement in place for Registrant to submit rectification plans but there is no SLAs in place for the TAA to report back. The TAA noted that in most cases, where rectification plans are not approved, it is because they lack useful details, such as dates.
- 2.11 A TAMEG member stressed that the TAA should follow the escalation route if rectification plans are not submitted within the relevant timeframe.
- 2.12 A TAMEG member queried if there is a requirement for the Registrant to submit new plans when certain milestone are not being reached. The member also suggested inviting the Registrant to attend TAMEG to provide updates on the issue. ELEXON clarified that this is not possible as TAMEG is an expert group tasked with providing guidance to PAB and the wider industry via ELEXON. ELEXON responded that a paper regarding Category 1 non-compliances is going to the PAB in November.
- 2.13 A TAMEG member stated that it is good if the TAMEG has visibility of the communications and steps performed for these long outstanding Cat 1 non-compliances, and proposed a communication log; this would provide good evidence should escalation be required.
- 2.14 The TAA noted that the Operational Support Manager (OSM) could be valuable to review the progress of rectification plans and ensure the Registrant is informed of all these long outstanding non-compliances.
- 2.15 The TAA also noted that the Registrant noted that the site is shown as de-energised but were unable to proceed further, therefore involved the LDSO. A TAMEG member queried whether the de-energised status provided by the Registrant was information retrieved from the Electricity On-line Enquiry Service (ECOES) or from physical inspections. The TAA to investigate whether information came from ECOES.

ACTION 39.05

- 2.16 2018-2093: ELEXON to follow up with Registrant and MOA for updates.
- 2.17 2019-0880: ELEXON stated that the Registrant raised a Trading Dispute for this issue but did not state how far back they would need to correct the consumption data as it has not been established. Investigation still ongoing.
- 2.18 A TAMEG member realised that this report discussion is not productive and proposed a trend report.
- 2.19 A TAMEG member suggested including a few details on this report such as the party responsible, what action undertaken. ELEXON responded that the paper is public.
- 2.20 ELEXON noted these suggestions and will be setting up milestones for the rectification process.

3. Trading Dispute Report

- 3.1 TAMEG members noticed that this report was missing a column, therefore there was insufficient information to initiate discussion.

4. LDSO Performance and the notification process

- 4.1 ELEXON noticed a decrease in LDSOs granting access to the measurement transformers in the last couple of years. However, this has increased recently.

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- 4.2 ELEXON also noted that the TAA Management Tool (TAAMT) does not hold records about whether the LDSO is required to provide access to measurement transformer and therefore will look to update it to obtain more data.
- 4.3 A TAMEG member expressed concern over the process that is used and suggested having a central means whereby the Registrant is contacted to take action. This will ensure that there will be traceability of communications.
- 4.4 TAA advised that they are currently working to get updated contacts from LDSOs.
- 4.5 TAMEG members are concerned about Registrants awareness of the need to inform LDSOs.
- 4.6 TAMEG members who are LDSOs to send a list of escalation contacts to the TAA for no access issues.

ACTION 39.06

- 4.7 A TAMEG member discussed how to improve no-access issues and suggested that the TAA could send an LDSO notification of the Inspection Visit to keep them aware. The TAA noted that at the point of selecting a site for an Inspection Visit, the TAA are unable to identify for certain if it's a LV or HV site, and therefore, the Registrant would need to get in touch with the LDSO. This can only be done once the Meter Technical Details (MTDs) are loaded by either the MOA, DC or Supplier.
- 4.8 TAMEG members agreed that it would be best for LDSOs to be notified of all TAA Site Inspections. ELEXON to progress this update. ELEXON added that there is provision in BSCP27 for this and would not require a modification.

ACTION 39.07

5. P391 – TAA desktop audit

- 5.1 ELEXON provided updates on Modification Proposal [P391](#) and noted that there are 15 working days for Parties to raise objections to self-governance.
- 5.2 TAMEG members noted that questions were raised in the last TAMEG meeting whether the improved process will be able to identify Cat 1 issues quicker and what background analysis has been done. A TAMEG member noted that the desktop audit scope was discussed at the TAA Education Day, however, the members still have concern on a number of failures e.g. lack of CT/VT certifications. The members want to ensure that following the new process, the same situations do not occur.
- 5.3 TAMEG members also noted that there will be missing documents, as paperwork does not necessarily exist, and therefore there will still be Cat 2 non-compliances raised. ELEXON noted that this should only be the case for older sites.
- 5.4 TAMEG members expressed concern over the pre-P283 non-compliances and would like to know how the TAA decides which ones will be selected for Desktop Audits and which will not. ELEXON responded that the scope would be determined by the PAB.
- 5.5 A TAMEG member raised concerns that Desktop Audits will trigger more site inspections. ELEXON explained that site visits will only be triggered if there is missing information from Desktop Audit.
- 5.6 ELEXON noted that the Desktop Audit process was inspired by the Capacity Market metering test process.
- 5.7 TAMEG proposed to include Measurement Class E Metering Systems in scope in for a specific Desktop Audit. A small sample size will be selected and any issues which stand out from the sample audit could inform future Desktop Audits and improve the process.

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6. Action 37.07 – Tightening the requirements of accuracy class for Meters in CoP5 and CTs in CoP5 and CoP3

- 6.1 A TAMEG member queried whether this Change Proposal (CP) would result in the requirement to provide Calibration Certificates being withdrawn. ELEXON explained that the requirement to provide certificates sits with the equipment owner and Meter Operator Agents (MOAs) only need to request certificates if there is insufficient evidence (without the certificates) to assure the Overall Accuracy of the Metering System. However, TAMEG members noted that there is still a problem where certificates are not available.
- 6.2 ELEXON clarified that the purpose of the Desktop Audit is to compare information, and Calibration Certificates are another means of evidence available for comparison.
- 6.3 ELEXON also clarified that the Desktop Audit process will not allocate non-compliances for the non-provision of certificates, and noted that going forward there should be other ways of assessing accuracy (such as the D0383 'Notification of Commissioning Equipment', a re-mastered National Measurement Transformer Error Statement, etc.).
- 6.4 A TAMEG member still believed that non-compliances will still arise for the non-provision of Calibration Certificates, which contradicted the justification for the CP.
- 6.5 ELEXON clarified that were the CP to be approved then Calibration Certificates would no longer be required to assess Overall Accuracy of low voltage (LV) CoP3 and CoP5 Metering Systems. ELEXON agreed to clarify in the CP that BSCP27 would be amended to remove the requirement to present Calibration Certificates where the Metering System is LV and registered against either CoP3 or CoP5.

ACTION 39.08

7. Actions 36.05 – Diagrams showing CT polarity

- 7.1 The TAMEG Chair noted that the original action was to put something in the CoPs around Current Transformer (CT) polarity and the Chair has decided to redo the draft Appendix C 'Fusing' diagram showing separate magnetic cores for the voltage transformers (VT) as the CoP suggests this. CoP1 does suggest an alternative arrangement with a single magnetic core with two secondary windings. An existing note in the current Appendix C supports this.
- 7.2 TAMEG Chair also circulated the revised diagram following comments received.
- 7.3 Following discussion the TAMEG Chair said he would contact the Electricity Networks Association (ENA) regarding the requirement to provide fuses or links in switchgear and modify and circulate the diagrams with other changes for comment. This action remains open.

8. Actions

- 8.1 Action 35.06: ELEXON noted that they have refreshed the data and it is with the OSMs for action. ELEXON is still waiting for feedback. This action remains open.
- 8.2 Action 35.01: TAMEG Chair noted that this action is currently sitting with Settlement Operations Team and a TAMEG member requested that the Risk Owner attend the next TAMEG meeting to provide an update. This action remains open.
- 8.3 Action 37.10: OSM updated the contact list and the list has been uploaded to ELEXON portal. Action closed.
- 8.4 Action 38.01: TAA noted that this will be reviewed together with the statistic report and will be looking to see how the statistics are being reported again. This action remains open.

9. AOB

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- 9.1 TAMEG Chair shared a proposal for audio recording for TAMEG meetings to assist with minute taking. TAMEG members had no objections. TAMEG members noted that minutes could be in key points and directly noting actions.
- 9.2 ELEXON provided update on [Issue 75 'Use of Internet Protocol \(IP\) address based communication methods for Central Volume Allocation \(CVA\) Metering Systems'](#) and noted that it is now concluded. ELEXON will issue a related [Newscast](#) article on Monday, 21 October 2019.
- 9.3 ELEXON also provided update on [Issue 73 'Review of fault management and resolution timescales'](#) and noted that this will be taken to the October BSC Panel and an internal Impact Assessment is currently underway for the subsequent CPs. A consultation will be issued for external parties within the next few weeks.
- 9.4 TAMEG Chair provided an update on [Issue 80 'Increase in minimum data storage requirements within the relevant Metering CoPs'](#). The Issue 80 Report was submitted to the BSC Panel in October 2019. Two Change Proposals (CP) are to be raised. One CP is to increase the minimum data storage capacity for Settlement Outstations to 250 days per channel (at 30 minutes integration periods), mandate selectable integration periods for CoPs 3, 5, and 10 (the same ones as in CoPs 1 and 2) and add a test for this requirement (and for CoPs 1 and 2) into BSCP601. The second CP is to mandate the number of Outstation channels to be used for data storage for Settlements purposes.
- 9.5 KH noted that she has moved on to another role, and her previous role will be taken over by Michael Taylor (MT) for an initial six months.
- 9.6 A TAMEG member queried if there are any comments on the TAA re-procurement. ELEXON noted that it is with the BSC Panel and it has no further updates just yet.
- 9.7 A TAMEG member requested updates on the progress of BSCP601 testing for the Prometer 100 Meter type. The TAMEG Chair noted that it had passed compliance testing and ELEXON has reviewed a protocol testing script it received from the manufacturer on behalf of a Half Hourly Data Collector (HHDC). However, TAMEG Chair noted that this is still a concern as the Meter type is mainly destined for the CVA market (especially the rack mounted version). The TAMEG member noted that another Meter manufacturer had contacted the Office for Product Safety Standards regarding National Approval for a new Meter type. ELEXON confirmed that following discussions last year with the manufacturer it had not yet received an application for compliance testing under [BSCP601](#).
- 9.8 A TAMEG member also queried about the obsolete Outstations and Meters report that ELEXON circulated to CVA MOAs for additions. The TAMEG Chair noted that he emailed CGI (the Central Data Collection Agent) to run a script to analyse current MTDs and is still waiting for the report.
- 9.9 A TAMEG member also noted that there is ambiguity on when a proving test is required and would like to know more about proving tests. The TAMEG member will raise this again in the next meeting.

10. Next Meeting

- 10.1 The TAMEG Chair noted that the next TAMEG meeting (TAMEG40) is scheduled for Wednesday 15 January 2020, at ELEXON. TAMEG members did not object to the proposed date.