

# MINUTES

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<b>MEETING NAME</b>	Unmetered Supplies User Group (UMSUG)
<b>Meeting number</b>	119
<b>Date of meeting</b>	7 February 2017
<b>Venue</b>	ELEXON Limited, 350 Euston Road, London NW1 3AW
<b>Classification</b>	Public

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## ATTENDEES AND APOLOGIES

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<b>Attendees</b>	Kathryn Coffin	UMSUG Chairman
	Andy Eades	UMSUG Member
	Barry Dockney	UMSUG Member
	Dave Johnson	UMSUG Member
	David Moorhouse	UMSUG Member
	Ian Jones	UMSUG Member
	James Everley	UMSUG Member
	Lindsay McGregor	UMSUG Member
	Mark Burton	UMSUG Member
	Paul Angus	UMSUG Member
	Tom Chevalier	UMSUG Member
	Walter Hood	UMSUG Member (by teleconference)
	Angela Butlin	Attendee, Highways England
	Nicola Dew	Attendee, Northern Powergrid (by teleconference)
	Ryan Parker	Attendee, Western Power Distribution
	Adam Jessop	Operational Expert, ELEXON
	Kevin Spencer	Technical Expert, ELEXON
	Sarah Eager	Technical Expert, ELEXON
	Si Tze Wong	Operational Expert, ELEXON
<b>Apologies</b>	Donna Townsend	UMSUG Member
	Keith Henry	UMSUG Member
	Leanne Cavagan	UMSUG Member
	Mark Webber	UMSUG Member
	Mike Hawkins	UMSUG Member
	Tym Huckin	UMSUG Member

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## OPEN SESSION – UPDATES

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### 1. DCUSA CP282 – Embedded Distribution Network Operator UMSO

- 1.1 An UMSUG Member updated the UMSUG on the progress of [Distribution Connection and Use of System Code \(DCUSA\) Change Proposal \(CP\) 282](#), which seeks to allow Embedded Distribution Network Operator (EDNO) customers to add their EDNO unmetered inventories to the relevant host Distribution Network Operator's (DNO's) inventory. The UMSUG Member advised that the consultation had closed on 27 January 2017. No significant issues had been raised by respondents, but there were some comments on the legal text that would require further consideration and revisions. The DCUSA Change Report is due to be published in February 2017, giving DCUSA Parties another opportunity to comment. The earliest possible implementation is June 2017.
- 1.2 Some UMSUG Members highlighted DNO concerns over any potential BSC audit issues that could occur if the CP was implemented. ELEXON commented that it had the ability to instruct the BSC Auditor that, in such scenarios, the host DNO is not accountable for any non-compliances outside its control. ELEXON commented that it believed some DNOs were already trialling the proposed arrangement informally.
- 1.3 The Chairman reminded the UMSUG that, as the change is being progressed under the DCUSA, any DNO views or concerns should be highlighted through the DCUSA consultation process. An UMSUG Member noted that they had not yet received a response to the comments they had raised in the previous DCUSA consultation.

### 2. Update on electric vehicle charging trial

- 2.1 An UMSUG Member provided a brief update on the Ubitricity trial, which they had previously presented at [UMSUG118](#). They reminded the UMSUG that the product utilises a moveable meter which can move across distribution areas and is thus not easily catered for by the normal BSC metered arrangements. The UMSUG Member noted that the trial is continuing in several London boroughs and includes a number of drivers who are regularly using the charging equipment. The UMSUG Member noted the progression of paper 119/01 (see item 3 below) and that the manufacturer is therefore preparing test data in preparation for this.
- 2.2 ELEXON noted that it was aware of another company with a similar, though not identical, product. This company has yet to approach ELEXON directly but is talking to Regulatory Delivery at the Department for Business, Energy & Industry Strategy about whether the product meets the requirements for an unmetered supply (UMS). ELEXON noted that this product has a Measuring Instrument Directive (MID) approved meter within the lamp column and thus a Defined Metering Point. ELEXON's view is that it therefore does not meet the UMS criteria. However, there is a question over whether the product's meter is suitable for Settlement.
- 2.3 ELEXON also noted that it had met with the Department for Transport who is also looking at the subject of flexible use of electric vehicles for its Modern Transport Bill.

## OPEN SESSION – PAPERS

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### 3. Measured Central Management System (mCMS) Test Specification – UMSUG119/01

- 3.1 ELEXON presented the draft mCMS Test Specification and test scenarios to the UMSUG. ELEXON noted that it has drafted the Test Specification so that it could be potentially used for various unmetered technologies. It also allows adaption of test scenarios to ensure they are appropriate for different technologies.
- 3.2 An UMSUG Member questioned whether Section 3 was needed or was already covered in the two preceding paragraphs. ELEXON agreed to remove Section 3.

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- 3.3 Another UMSUG Member highlighted an accidental cut-and-paste error near the end of page 4, which ELEXON agreed to correct.
- 3.4 An UMSUG Member considered that the reference to the European Measurement Instrument Directive, in the third bullet on page 4, was incorrect. Another UMSUG Member agreed to provide the appropriate reference outside the meeting.
- 3.5 An UMSUG Member suggested that the specification should prompt the applicant to provide the necessary evidence that the meter is certified in accordance with the European Measuring Instruments Directive. They suggested including this in Test Group 1 as Test 1.3.
- 3.6 An UMSUG Member noted that the opening 'Purpose' paragraph of the specification stated that it does not apply to lighting Apparatus. The Member noted that there could be confusion over what was meant by 'lighting' since, for example, electric vehicles include headlights. ELEXON noted that its intention was to distinguish the new specification from the existing one for street lighting. It agreed to make this clearer by cross-referencing the separate Street Lighting Test Specification.
- 3.7 An UMSUG Member considered that the specification should highlight the requirement for re-testing on a material change to the software (on a 'whole version' change, e.g. from Version 1 to Version 2). ELEXON agreed. The UMSUG Member suggested including this in Section 1.2.
- 3.8 ELEXON agreed to make the identified changes to the draft Test Specification, recirculate it to the UMSUG for information and publish it as Version 1.0 on the BSC Website.

## **ACTION 119/01**

- 3.9 ELEXON noted that it would update the Supplier Volume Allocation Group (SVG) at its next meeting on 28 February 2017. It noted that any individual applications to be treated as an mCMS would still need the SVG's approval on a case-by-case basis.
- 3.10 An UMSUG Member asked about updates to Equivalent Meters. ELEXON noted that Lailoken had been evaluated for version 2.0. With regard to CMS re-testing ELEXON noted that it was required for significant changes. ELEXON highlighted that it is responsibility of customers buying CMS products to check that they are happy with the hardware, software and specification ('buyer beware') as ELEXON only tests that the Settlement calculation is correct.
- 3.11 The UMSUG:
  - a) **PROVIDED** comments on the draft mCMS Test Specification; and
  - b) **NOTED** that ELEXON will seek the SVG's approval in principle to using the mCMS approach.

## **4. Update on Burn Hours review – UMSUG119/02**

- 4.1 ELEXON provided an update on the Burn Hours review that was agreed at [UMSUG118](#). ELEXON demonstrated the new Burn Hours calculation tool that it had developed to provide a minute-level calculation (noting that previous calculations were at the Settlement Period level).
- 4.2 ELEXON noted that the 70/35 Switch Regime is the baseline, as set out in the current Burn Hours methodology statement.
- 4.3 ELEXON noted that it estimated that any current uncertainty in the Burn Hours amounted to 170 hours per year (or 30 minutes per day). ELEXON noted that the intention is to identify where the calculations are clearly incorrect.

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- 4.4 There was some discussion on differences between the passive Half Hourly (HH) and Non Half Hourly (NHH) calculations, in particular for the North of Scotland. ELEXON noted that, for the NHH calculations, only an average value can be published for each distribution area and that there would be locational winners and losers.
- 4.5 Some UMSUG Members asked if they would be able to access the tool. ELEXON confirmed that this was the intention once it was finalised. A Member suggested that adding user instructions would be useful. ELEXON agreed and noted that it could also hide the 'back-end' functionality to make it easier to use.
- 4.6 ELEXON noted that the next steps were to complete its review with Power Data Associates (PDA) and Tym Huckin Limited, before bringing the results back to the next UMSUG meeting.
- 4.7 The UMSUG:
- a) **NOTED** the update on the Burn Hours review; and
  - b) **NOTED** that ELEXON will present the updated Burn Hours at the next UMSUG meeting.

## 5. Proposed approach to testing for extra low voltage equipment – UMSUG119/03

- 5.1 ELEXON presented its revised proposed redlining to the UMS Operational Information Document (OID). It advised that it had discussed and agreed this with the Association for Road Traffic Safety and Management (ARTSM), PDA and two test houses.
- 5.2 The UMSUG agreed that the proposed requirements were an improvement on the current ones and should be implemented. ELEXON noted that the next steps are to take the redlining to the SVG for approval on 28 February 2017, for implementation in parallel with Market Domain Data (MDD) Release 252 on 15 March 2017.

**ACTION 119/02**

- 5.3 An UMSUG Member noted that they have seen some highways products (e.g. fog detectors in weather stations) that are declaring less than 1 Watt. They suggested that there should be a de minimis threshold below which test evidence is not required. The Chairman noted that the UMSUG had discussed this previously (see minutes of [UMSUG117](#) and [UMSUG115](#)), and had suggested using miscellaneous Charge Codes where appropriate. Another UMSUG Member commented that use of miscellaneous codes was not appropriate for products that are planned to be used nationwide, referencing the existing wording on page 13 of the OID. The Chairman noted that the cumulative consumption across all installed products might need consideration. The UMSUG agreed that this should be considered separately to the paper. ELEXON invited the UMSUG Member to provide it with further information on the types of <1 Watt equipment it is experiencing, to support consideration of the most proportionate approach to settling the energy.

**ACTION 119/03**

- 5.4 The UMSUG:
- a) **REVIEWED** the updated OID redlining;
  - b) **AGREED** a finalised version of the redlining to be implemented as version 17.0 of the OID; and
  - c) **RECOMMENDED** to the SVG that it approves the updated OID to be effective from 15 March 2017, which is the next MDD version go-live date to follow the 28 February 2017 SVG meeting.

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## OPEN SESSION – OTHER BUSINESS

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### 6. Actions

- 6.1 **Action 115/08** – Closed. The UMSUG agreed that the implementation of the generic LED Lighting Charge Codes has removed much of the impetus for this work and that the action should therefore be closed.
- 6.2 **Action 118/01** – Closed. Covered by item 3 above.
- 6.3 **Action 118/02** – Ongoing. ELEXON will update the SVG verbally at its meeting on 28 February 2017 and will publish the test specification, after which this action will be closed.
- 6.4 **Action 118/03** – Ongoing. ELEXON provided an update under item 4 above. It will bring the revised Burn Hours to UMSUG120 on 9 May 2017.
- 6.5 **Action 118/04** – Ongoing. No update available at this time.
- 6.6 **Action 118/05** – Ongoing. ELEXON to redline an additional change from an UMSUG Member relating to Photo Electric Control Unit (PECU) array timers, and send this with any other BSCP520 changes to the UMSUG for information. ELEXON will raise the CP at an opportune time.
- 6.7 **Action 118/06** – Closed. Completed following UMSUG117 in 2016.
- 6.8 **Action 118/07** – Closed. Covered by item 5 above.
- 6.9 **Action 118/08** – Ongoing. ELEXON is still hoping to attend the ARTSM traffic signals workgroup.
- 6.10 **Action 118/09** – Closed. Completed following UMSUG117 in 2016.
- 6.11 **Action 118/10** – Ongoing. ELEXON will review the existing Constant Light Output wording in the OID in light of recent queries, to see if there is the scope/need for any further clarification.
- 6.12 **Action 118/11** – Ongoing. ELEXON is still seeking an UMSUG attendee from ARTSM.

### 7. Matters arising

- 7.1 An UMSUG Member highlighted that the published Charge Code spreadsheet still contains greyed-out fields that ELEXON has previously agreed to remove. ELEXON agreed to correct this outside the meeting.
- 7.2 ELEXON advised that it had been approached by Independent Fibre Networks Limited, who is seeking UMS Charge Codes for its cabinets. ELEXON noted that it has not yet assessed this request but will keep the UMSUG informed of developments.
- 7.3 ELEXON highlighted that it has also been approached by a new CMS provider, 'tvlight'. It has a detection-triggered system (e.g. people-traffic) which ELEXON believes cannot be catered for under the current arrangements. ELEXON has directed the provider to the Statutory Instrument provisions, has advised that it might be possible to approve the CMS without that specific functionality, and is waiting to see if it receives an application.
- 7.4 ELEXON has also been approached with a query about using CMS nodes for monitoring rather than control of lighting columns. ELEXON indicated that it favours local workarounds with Meter Administrators (MA) in these circumstances. Ideally, the MA / UMS Operator will accept a PECU Switch Regime without requiring the customer to adjust its inventory, which would contain the Charge Code for the node.
- 7.5 Barry Dockney advised the UMSUG that he will be retiring in June 2017, having been involved in the group since 1995. Barry thanked the UMSUG Members he had worked with for their help and support over the years. The UMSUG thanked Barry for his contribution and wished him all the best for the future.

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## 8. Next meeting

- 8.1 The next UMSUG meeting will be held on 9 May 2017, subject to the level of business and the SVG's agreement.