Issue 93 Workgroup 4 Summary

## Summary

1. **Meeting Objectives**

The Chair welcomed attendees and presented the following meeting objectives to WG Members:

* Provide an update on current Change proposals (CPs)
* Provide an update on redlined documents
* Confirm subgroup approach
* Confirm regular meeting schedule with the WG
* Identify the next set of aspects to review

1. **CP progress update**
   1. Elexon presented the progress and future plans for all ongoing CPs.

* A\_09 Tightening the minimum accuracy classes for Meters (CoP5) and CTs (CoPs 3,5 and 10)
* A\_15 Updates to monitoring of voltage failure alarms requirements
* A\_12 Future proofing changes to the BS EN/IEC standards

1. **Review Updated redlining**
   1. Elexon presented redlining changes for the above CPs to the WG and welcomed comments.
2. **A\_09 Tightening the minimum accuracy classes for Meters (CoP5) and CTs (CoPs 3,5 and 10)**
   1. Elexon confirmed that CoPs 3, 5 and 10 were updated as part of the redlining.
   2. Elexon wanted to confirm the WG’s view on standard CT ratios and minimum connected burdens. WG agreed to continue as a separate aspect.
   3. Elexon presented the actions carried out on the relevant CoPs to align measurement transformer requirements with CoPs 1 and 2 (which included the replacement of current text).The WG agreed to Elexon’s proposed solutions.
3. **A\_10 Accuracy of Active Energy for sites providing Reactive Energy services**
   1. Elexon confirmed the removal of updates made in respect of additional test points related to power factor, in CoPs 2 and 4.
   2. Elexon posed a question to clarify for where Metering Equipment that currently measures Active Export (AE) also measure Active Import (AI), should the relevant CoPs require additional tests on the CT if the level of current is below 1% Ir.
      1. Some members of the WG pointed out the impact and cost factor associated with the above clarification point.
   3. Elexon also wanted to clarify if the relevant CoPs for this aspect should have a requirement that Overall Accuracy for Active Import should be maintained where the Metering System is design for the Active Export.
      1. SH noted that it would good to add a statement to guide customers on Overall Accuracy
      2. The WG concluded that a statement should be added to the relevant CoPs to advise customers who will operate outside of the Overall Accuracy points for %Ir and power factor the BSC requires.
4. **A\_07 Consideration of DMP vs AMP**
   1. Elexon presented the proposed solution for this aspect which was focused on avoiding the processing of Metering Dispensations that could cause unnecessary burden on the Applicant, MDRG, Panel sub-committees and Elexon.
      1. AH asked if there was a formula that enables applicants to calculate losses consistently?
      2. Elexon took an action to create some guidance for calculating power transformers compensations.
   2. Elexon asked if the relevant CoP should contain a statement to prevent the installation of Meters at the wrong location and limit the scenarios where it would be allowable (e.g. shared Boundary Point connection). The WG agreed with this principle
   3. TC noted that it was important to keep an audit trail of where the DMP and AMP were not in the same place.
      1. Elexon took an action to speak to the TAA and learn their opinion on what the typical distance between DMP and AMP is, based on their site visits.
   4. Elexon took an action to confirm what the alpha CoPs requirements are.
   5. Elexon took an action to propose a BSCP32 process for Metering Dispensations where no compensation was required.
5. **A\_11 Relevant CoP for embedded circuits**
   1. Elexon presented the view from the last WG session and proposed to link the solution (document update) for this to the solution in A\_07 (DMP vs AMP).
   2. The WG noted that this aspect should be combined with the ‘consolidation of the CoPs’ aspect.
   3. The WG proposed to realign the boundaries of the CoPs within a consolidated CoP. An action on Elexon and the WG to consider what those boundaries should be.
   4. Elexon proposed that alignment of definitions and some of the aspects not yet discussed could be picked up in a consolidated CoP rather than create a large number of CPs and consultations for industry to review.
6. **Decisions**
   1. The WG agreed to a bi-monthly Issue 93 WG session.
   2. Elexon agreed to send a request for volunteers to join sub groups.
   3. The WG chose the next set of aspects for Elexon to address as below.
7. **Prioritisation Process**
   1. Elexon to prioritise the following aspects and provide updated redlining for the next WG:
      1. **A\_03** Duplicate communications paths for Metering Equipment within CoPs 1 and 2
      2. **A\_13** Security of using public IP addresses for Communications to Metering Systems
      3. **A\_05** De-energised circuits.
8. **Next Steps**

* Elexon to progress the three open CPs
* Elexon to arrange the next WG session in November
* Elexon to reflect WG4 points in the redlining
* Elexon to share the CP forms with the WG
* Elexon to arrange the first sub-group sessions

1. **Actions**

* Elexon to share the finalised CPs with the proposer and the issue group
* Elexon to request volunteers to form a subgroup who will address defined aspects
* Elexon to provide its view on whether certain assets are considered part of the total system or not.
* Dawn to speak to the LDSOs and confirm their view on the impacts of changing CTs (A\_10 – Accuracy of Active energy for sites)
* Elexon to provide its view on if the process in Section L 3.5.4 covered situations where overall accuracy was not defined in the CoPs like for Reactive Energy Services.
* Elexon to propose a BSCP32 process for Metering Dispensations where no compensation was required.
* The WG and Elexon to go away and think about what boundaries should the relevant CoPs be re-aligned to (A\_11 Relevant CoPs for embedded circuits).
* WG to nominate volunteers for the sub-groups
* Elexon to look at creating some guidance for power transformers compensations
* Elexon to speak to the TAA and confirm their view on the distance between AMP vs DMP, based on what they have seen at their site visits.