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<b>Paper Reference:</b>	<b>CSC_08_2910_03</b>
<b>Action:</b>	<b>For Decision</b>

## DP085 Draft Proposal decision

### 1. Purpose

This paper provides a summary of our assessment of [DP085 'Synchronisation of smart meter voltage measurement periods'](#), taking into account industry views and the views of the SEC Panel Sub-Committees on the problem this Draft Proposal has identified. We are asking the Change Sub-Committee (CSC) to agree that the problem identified under this Draft Proposal is clearly understood and that it is ready to progress to a Modification Proposal.

### 2. What is the issue?

DP085 has been raised by Alan Creighton of Northern Powergrid.

The expectation of Electricity Network Parties during the development of the smart meter technical specification was that the average root mean squared (RMS) voltage readings from smart meters would be measured across a consistent period. This is not an explicit requirement codified in the Smart Metering Equipment Technical Specifications (SMETS) or the Great Britain Companion Specification (GBCS).

It is worth noting that some electricity meter manufacturers' meters work in this way, though other manufacturers' meters do not. Without voltage measurements being made in a consistent way, Electricity Network Parties must either (i) make conservative, less efficient analysis assumptions to account for the lack of data alignment or (ii) recreate synchronised data by downloading high granularity (for example minute resolution) data and calculating the required data.

The problem statement containing the information provided by the Proposer and updated by SECAS during our investigations can be found in Appendix A.

### 3. Comments on the issue

This proposal has been presented to each Sub-Committee, where it was well received. Each Sub-Committee agreed that the issue is clearly defined and supported progressing the proposal.

At the September's Change Sub-Committee meeting, A CSC member pointed out that there were some industry-wide synchronisation issues that need addressing. We have investigated this with the Proposer and with the SECAS Technical Operations team as part of developing the problem statement. It was agreed that although a valid concern, the synchronisation issues with the wider industry were separate from the issue defined in this proposal.

The full collated comments and questions raised can be found in Appendix A.

#### 4. Next steps

We recommend that this Draft Proposal is converted into a Modification Proposal and proceeds to the Refinement Process. This will allow for discussions with Parties to help shape and assess a suitable solution for the issue defined.

#### 5. Recommendations

The CSC is requested to:

- **AGREE** that the issue identified under DP085 is clearly defined and understood;
- **RECOMMEND** to the Panel that this Draft Proposal is ready to be converted to a Modification Proposal; and
- **RECOMMEND** to the Panel that the Modification Proposal should proceed to the Refinement Process.

**Bradley Baker**

**SECAS Team**

**22 October 2019**

#### Attachments

- **Appendix A:** DP085 problem statement