ELEXON

Headline report

Meeting name	Code Change & Development Group – MHHS SCR	Purpose of paper	Information
Meeting number	15	Classification	Public
Date and time	16 March 2021		

Synopsis	**Summary of the fifteenth CCDG meeting and actions arising**

1. Introduction, apologies and meeting objectives

1.1 The Chair introduced CCDG15 and confirmed those in attendance.

1.2 The Chair confirmed that the meeting objectives were to:

- Conclude discussions on the outstanding actions from the responses to the CCDG's consultation on the detailed Target Operating Model (TOM) design and Code Change Matrices (aside from those areas that the CCDG has already agreed will be addressed as part of later deliverables).
- Agree what high-level key messages the CCDG wishes to feed back to respondents/industry, and how.
- Gather volunteers for any offline working on the transition straw man for the Smart & Non-Smart market segment.
- Note the progress of, and agree the next steps on, the transition straw man for the Advanced market segment.
- Note the update from Elexon's and Ofgem's ongoing discussions with the Data Communications Company (DCC) and Smart Energy Code (SEC).

1.3 The Chair highlighted the possibility that, once the joint subgroup of the CCDG and Architecture Working Group (AWG) concludes its work in April, the subgroup's weekly meeting slot could be repurposed for offline working by CCDG members on the transition deliverable. Members agreed that having a weekly slot for this in diaries would be an efficient approach, noting that this does not preclude extra ad-hoc discussions happening offline if needed. Elexon agreed to confirm the exact end date for the joint subgroup with Ofgem, and then set up new weekly calendar appointments from this point.

Action 15/01

2. Updates on other SCR work streams

2.1 Ofgem confirmed that it is still planning to publish its Full Business Case and Final Decision in Spring 2021.

2.2 A CCDG member asked if Ofgem's conclusions from its consultation on Market-wide Half Hourly Settlement (MHHS) Programme Implementation Principles would be included in its Full Business Case decision. Ofgem responded that it may include some high-level conclusions, but that it is planning to publish a further consultation shortly after its Full Business Case seeking views on further detailed thinking around MHHS implementation and the associated governance arrangements.

3. Updates on actions relating to consultation responses

3.1 For each outstanding area, Elexon presented a summary of its progress made since CCDG14 and its suggested next steps.

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Appointments process (Actions 14/01 and 14/10)

3.2 Elexon gave an update on its further discussions with respondents. It advised that these confirm the CCDG's previous view that the concerns are not about the underlying principles or the end-state design of the TOM appointments process per se, but rather the proportionality of the impacts involved in moving to this from the existing process.

3.3 Elexon suggested that a compromise could be to retain, for a transitional period, the ability for existing participants to use the D0155 flow as an optional (non-Settlement) bilateral notification. The BSC's appointment process would still be considered to begin with the notification of the service identifier to the Registration Service (SMRS). New entrants would be able to use the new process without needing to support legacy processes and flows.

3.4 After a lengthy discussion, the CCDG agreed not to make a decision now but to reassess after the AWG's upcoming consultation on the reference architecture. In the course of its discussion, CCDG members made the following points:

- The new appointments process is designed to be a robust process that leaves no ambiguity over who is appointed to a Meter, by using the Registration Service as the 'single source of truth'.
- The Design Working Group (DWG) has previously agreed and consulted on this principle, and the CCDG is tasked by Ofgem with developing the detail of the DWG's preferred TOM.
- The costs to participants of needing to interface with the Registration Service (SMRS) are already sunk under the DWG's overall TOM design; the costs of additionally using this interface for appointments will therefore be incremental.
- The AWG's recommended reference architecture includes the use of adaptors to help minimise changes to existing participant systems; the AWG's forthcoming consultation may therefore allay participant concerns in this area.
- The CCDG has not yet designed the new appointments process to the same level of detail as the existing process, since some of this detail is still being considered by the joint CCDG/AWG subgroup (e.g. changes to the D0205) and/or will be developed as part of the CCDG's later legal drafting.
- The suggested D0155 compromise could make introducing the new appointments process more of an evolution and less of a big-bang change for existing participants, but could also add complexity and potentially create confusion.
- Different types of participants will be starting from different places – for some there is no existing SMRS interface so there is more freedom to bring in a new process, whereas Suppliers will have an existing interface, so their impacts will differ.

3.5 Elexon agreed to consider whether there is an opportunity to use the AWG's consultation to more clearly draw out the benefits and impacts of the new appointments process.

Action 15/02

3.6 Elexon also agreed to investigate with its Performance Assurance Framework (PAF) team whether it is possible to quantify the current-world issues with appointments that the new process is designed to remove.

Action 15/03

3.7 Regarding the use of the proposed Contract Reference data item, Elexon noted that this is proposed to be a free text field. The CCDG agreed with this approach and that its contents can be defined bilaterally at the level of the individual Meter Point Administration Number (MPAN), without a need to set rules for its population.

3.8 A CCDG member asked for an update on the status of Action 14/02, which relates to outstanding questions on metering roles under the TOM. Elexon advised that it plans to hold offline discussions with those members who volunteered at CCDG14, as well as involving the Retail Energy Code Company (RECCo), before bringing conclusions back to the CCDG at its May 2021 meeting. At members' request, Elexon agreed to initiate the offline discussion with CCDG members as soon as possible. Elexon agreed that this would help establish initial views before looping in RECCo.

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Charging data requirements (Actions 05/09 and 14/05)

3.9 Ofgem provided a verbal update on its ongoing discussions with National Grid and with Distributors (via the Energy Networks Association (ENA)) about their requirements for Settlement data to support transmission and distribution charging respectively:

- Ofgem noted the initial discovery work document from National Grid, shared with CCDG members over MS Teams.
- Ofgem advised that it has received an initial view from the ENA and that Ofgem, Elexon and the ENA are meeting to discuss this during week commencing 22 March 2021.

3.10 As part of existing Action 14/05, Ofgem agreed to share an updated version of the ENA's document after this further meeting has taken place.

3.11 Ofgem and Elexon noted the need to understand not which data flows Distributors currently receive, but:

- Which specific data items Distributors require within the flows that are impacted by MHHS; and
- The specific purposes for which they need these data items.

3.12 A CCDG member agreed, noting that this question is being raised in the joint subgroup's discussions.

GUID/ALCS in Registration data (Actions 14/06 and 14/12)

3.13 Elexon updated the CCDG on its offline discussions with the relevant respondent and interested CCDG members.

3.14 The CCDG agreed with the proposal to add the Globally Unique Identifier (GUID) to Registration data. However, members noted that this is not the term used in the SEC, which uses Device ID. The CCDG agreed to use the same data item name as the SEC to avoid confusion. Elexon noted that, while Meter Serial Number (MSN) is not unique, the link between MSN and GUID is.

3.15 The CCDG agreed not to include its originally-proposed Auxiliary Load Control Switch (ALCS) item in Registration data. This is because the offline discussions confirm that there are similar data items already held by the DCC under the SEC, which only the Supplier can query and which can be changed without involving the Meter Operator Agent (MOA). The CCDG noted that its original intention was that the BSC ALCS data item would be mastered by the MOA. It agreed that enabling the Registration Service (SMRS) to take data from the DCC inventory would be a significant change, with its costs likely to significantly outweigh the benefit. Elexon agreed to check whether ALCS is included in the AWG's master list of data items and, if so, to remove it.

Action 15/04

Estimation for twin-element Smart Meters (Action 14/13)

3.16 Elexon set out its proposed approach following further offline discussions with interested CCDG members. It clarified that it is recommending no change to the previously-agreed design.

3.17 A CCDG member highlighted that this means there will be customers on legacy Economy 7 tariffs who will need to be told that they have to opt-in to sharing their Half Hourly (HH) data if they want to keep that tariff. Elexon noted that other customers wishing to have Time of Use (ToU) tariffs (e.g. for electric vehicles) will need to opt in and questioned whether this is any different. The CCDG member noted that there may be a difference between needing to opt in to keep legacy ToU tariffs as opposed to signing up for new tariffs. Ofgem agreed to feed this back to its team working on the opt-out framework.

Action 15/05

Export Meters with communications failures (Action 14/18)

3.18 Elexon advised that it has emailed the respondent to say that where there is no evidence of Export then the missing data will be estimated as zero. However, if a Meter reading can be obtained that enables a Meter Advance to be calculated across the missing period (e.g. through a customer read), then the load shaping process can be used to allocate energy for that period. Elexon also noted that, if communications are restored within the Settlement Run timetable, the actual HH data can replace the previous estimate(s).

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3.19 The CCDG agreed with this approach, noting that the detail can be fleshed out during the later legal drafting process.

SMETS Version data item (Action 14/09)

3.20 Elexon noted that the existing SMETS Version data item held in Market Domain Data (MDD) currently appears in multiple data flows, but that it is unclear whether it is actually adding any value to business processes or if it is simply a legacy item. Elexon proposed not to remove the data item, but to freeze its existing valid set of entries.

3.21 A CCDG member clarified that this data item was introduced before DCC Go-Live in 2013, to support the DCC opt-out regime and Change of Supplier (CoS). The member believed that it is now largely redundant as more accurate sources of information are held in the Electricity Central Online Enquiry Service (ECOES) and elsewhere.

3.22 The CCDG agreed to move the item from MDD to a (frozen) valid set held in the Data Transfer Catalogue (DTC), noting that this will require a small document change to the DTC. Elexon agreed to check with St Clements that this has no unintended impacts on any flows. Assuming it does not, then Elexon will speak to Gemserv to capture this change in the Master Registration Agreement (MRA) Code Change Matrix and then amend the data item to a 'Won't have' in its list of Industry Standing Data (ISD) for the TOM.

Action 15/06

3.23 A CCDG member asked if the intention is to keep all existing MDD under the BSC as part of ISD, or only those MDD items needed for Settlement. Elexon noted that MDD is currently a repository for a lot of non-Settlement industry data and that it did not propose to change this.

Measurement Classes (no specific action)

3.24 Elexon noted the agreement at CCDG14 that there needs to be a way to record when a MPAN has migrated, and that this could be achieved by amending its Measurement Class to 'X' or some other designated value. Elexon noted that the CCDG has agreed to discuss this further as part of its transition work. Elexon asked the CCDG if it could agree now on the need to use a value for this purpose.

3.25 The CCDG agreed that it is better to have an actual value that denotes when an MPAN has migrated, noting that Measurement Classes need to be kept until the end of transition anyway. It agreed that the exact value can be decided later as part of its transition discussions.

3.26 A CCDG member noted that the process needs to support a two-way gate, if a CoS means that a previously-migrated MPAN can change back to NHH for a period of time during transition. The CCDG agreed to consider this, and the question of when migration becomes a one-way gate, when developing the cross-segment transition straw man.

Demand Control Events (Action 14/07)

3.27 Elexon advised that, after an offline discussion, the respondent is now happy with the disconnection volume calculations. No action is therefore needed.

Consultation conclusions: Key messages for industry

3.28 Elexon presented some suggested high-level key messages to feed back to respondents and the wider industry, based on the CCDG's discussions and agreed actions. Elexon suggested publishing these on the CCDG webpage, with accompanying Newscast/homepage articles, and linking to the CCDG14 and CCDG15 Headline Reports for the group's full discussions. Elexon also suggested that the Chair emails each respondent directly to thank them for taking the time to respond.

3.29 The CCDG agreed with these suggestions, noting that this is consistent with the approach taken for the DWG's previous consultations. It agreed with the specific suggested key messages and asked that the messaging also draws out:

- The next steps in the CCDG's and AWG's TOM work
- The CCDG's conclusions on appointments, Related MPANs and Erroneous Transfers

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- How non-Settlement impacts will be considered
- How the DCC/SEC solution is being progressed.

3.30 Elexon agreed to draft text for the website and to post this on MS Teams for members to review before publishing. Elexon noted its intention to publish this messaging before the AWG's own consultation is issued.

Action 15/07

3.31 A CCDG member asked if an interface is need between the Metering Service and Registration Service for Meter Technical Details (MTDs). Elexon responded that its expectation is that any new MTD items will be included in the existing Meter Asset information that MOAs already send into SMRS. However, the interface is likely to evolve beyond the D0312 process, and what does not exist yet is any information flowing the other way (from Registration to the Metering Service).

4. Volunteers for offline review of Smart & Non-Smart transition straw man

4.1 Elexon highlighted that it has shared its first draft of the transition straw man for the Smart & Non-Smart segment over MS Teams and that it welcomes comments from members.

4.2 Elexon also asked for volunteers for any necessary offline working on the straw man. Derek Weaving, Dom Bradbury, James Murphy, Paul Saker, Richard Vernon, Seth Chapman and Tom Chevalier volunteered.

5. Update on Advanced transition straw man

5.1 Elexon noted the updated straw man and explanatory document issued to members with the meeting papers. It advised that these incorporate comments following CCDG review and a follow-up meeting with volunteer members. Elexon noted that they are also available from the MS Teams file store.

5.2 CCDG members advised that they had not been able to review these documents before the meeting. Elexon therefore agreed to recirculate the documents via a Teams link and give members a further two weeks to review and provide any comments.

Actions 15/08 & 15/09

6. Update from discussions with DCC/SEC

6.1 Ofgem advised that it has a list of outstanding questions that the DCC/SEC design needs to answer, including:

- Should Settlement data only be pulled through the Meter Data Retriever (MDR) user role and does this require a Supplier to register as an MDR?
- What is the maximum frequency with which Register Reads can be pulled (see CCDG11 Headline Report)?
- Does the MDR need to be able to make on-demand read requests, e.g. on disconnection of a Smart Meter (see CCDG14 Headline Report)
- What type of privacy assessment is required for the MDR?
- How will the DCC confirm the identity of the appointed MDR? (see CCDG13 Headline Report).

6.2 Ofgem agreed to share this list with CCDG members over MS Teams.

Action 15/10

6.3 Ofgem advised that it is still discussing with the DCC and Gemserv how best to obtain a DCC impact assessment and SEC Party engagement in the SEC solution.

7. Summary & next steps

7.1 The Chair noted that some transition activities in the work plan have been delayed due to the need for detailed CCDG discussions on the consultation responses. Elexon is currently re-planning the CCDG timetable of activities in discussion with Ofgem. The next CCDG16 will be held on 20 April 2021 and is likely to focus on transition.

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7.2 Ofgem highlighted that it is speaking to RECCo about how it can get involved in the TOM work, for example to consider whether existing BSC data items that may not be needed for Settlement after the end of transition could move to REC governance if they are still required for billing.

7.3 A CCDG member advised Ofgem of discussions at the Master Registration Agreement's (MRA's) Issue Resolution Expert Group (IREG) about the Non-Domestic Indicator, where the licence condition appears to not be as clear as originally thought. The CCDG member noted that this may overlap with use of this data item under MHHS. Ofgem agreed to speak to the relevant IREG member offline.

Action 15/11

7.4 The Ofgem representative (Saskia Barker) advised that this would be her last CCDG meeting due to changing roles within Ofgem. The Chair and CCDG members expressed their thanks and appreciation for her support to the group. For the time being, Jasmine Killen will cover the CCDG for Ofgem.