

ELEXON

**Code Change and Development Group:
Meeting 10**

ELEXON

20 October 2020

Introduction, apologies and meeting objectives

Meeting objectives:

- Note update on new migration deliverable
- Agree content of Working Document A
- Note updates on remaining design actions
- Discuss SEC Change Matrix
- Assess detailed TOM design against Ofgem's design and development principles
- Agree consultation questions on detailed TOM design and Code Change Matrices

Next step will be for Elexon to send the initial draft consultation document to members for review

We will discuss/agree the consultation key messages at November's meeting

Update on new transition / migration deliverable

We're continuing to discuss the scope/timing of this new deliverable with Ofgem and will update you in more detail in November

Key messages are:

- We will still issue the consultation on the detailed TOM 'end state' design (content of Working Documents A and B, and the Code Change Matrices) after the December CCDG meeting as planned
- We propose to remove the Settlement run-off content (Working Document C) from the December consultation and consult on it separately with the new migration deliverable in 2021 along with content around Qualification
- Migration deliverable likely to take the 'Migration/adoption' phase of the DWG's transition approach down a level, focusing on:
 - Logical ordering of key activities/milestones by Meter type and market segment, including pre-requisites, dependencies and constraints
 - Interactions across Codes
- We propose to complete this new deliverable before starting legal drafting



SCR UPDATE



AGREE WORKING DOCUMENT A

Working Document A

Areas of Working Document A to be agreed

- Demand Control Events solution
- Exception reporting solution
- Erroneous Transfers approach
- Change of Meter/Segment solution
- Related MPANs approach
- Meter Technical Details solution

Sign off remaining areas of Working Document A:

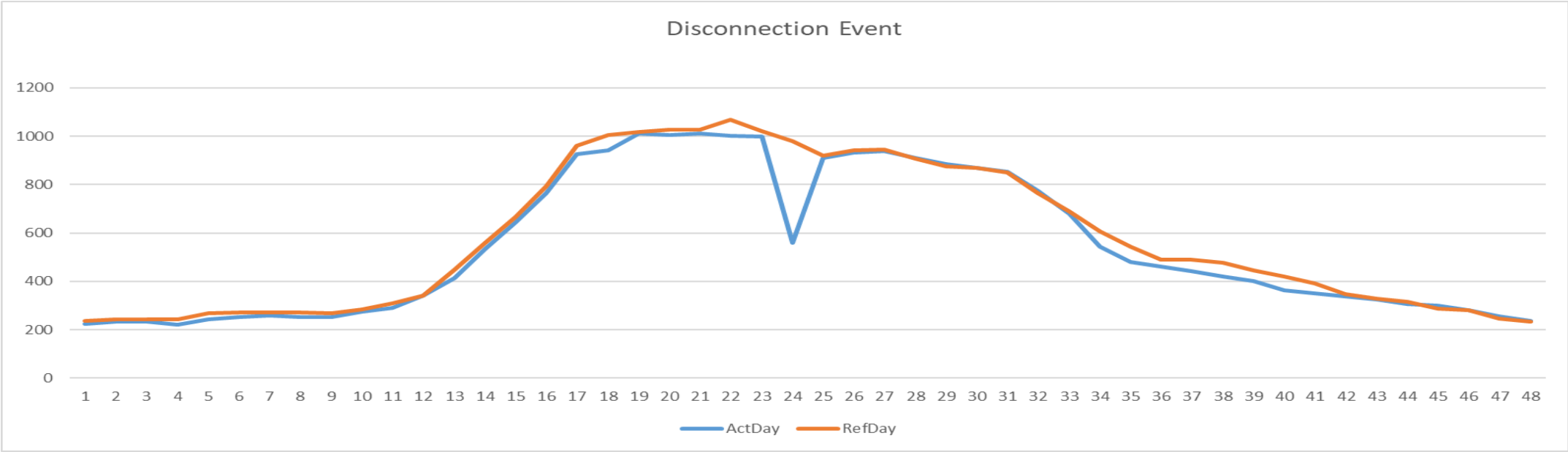
- Appointments process
- New registration data items
- Industry Standing Data
- Measurement Classes/CCCs

Demand Control events

Following CCDG09 the proposed solution was written up and put in teams for comment and has now been added to Working Document A.

- ❑ The solution has been split into calculations for the Advanced Segment (due to the need to deduct off NonBM Stor at MPAN level; and
- ❑ The solution for Smart and Unmetered Market segments which is undertaken at CCCid level.

A spreadsheet example calculation has been added to Teams to show how it would work for the Smart and Unmetered Segments:



Exception Reporting

Following CCDG09, a subgroup convened on 15 September and agreed that architecture solutions can:

1. Provide registration data to all appropriate parties in a timely manner and
2. Ensure a degree of data validation

hence dramatically reducing the requirements for validation and exception reporting within Central Systems. This proposed solution was written up and added to Working Document A in the Teams area.

- ☐ Registration Service should provide updated Registration Data to all relevant parties as soon as it is available
- ☐ Data Services should start using the updated Registration Data within [period of time] of it being published
- ☐ Data Service processes would reduce errors in the data they produce
- ☐ Access control restrictions would reduce the errors which could be provided to central systems
- ☐ Parties would be able to actively check what data is missing in central systems, rather than having exception reports produced

Erroneous Transfers

Following CCDG09 the proposal not to amend settlement for ETs was written up and put in teams for comment and has now been added to Working Document A.

The proposed consultation question has been set out:

Question 5. Do you agree with the view that Suppliers are not currently correcting Settlement data for ETs and that no process be introduced to adjust the Settlement position of Erroneously Gaining Suppliers following the resolution of the Erroneous Transfer process?

Yes/No

Rationale:

Change of Meter > Change of Market Segment

At CCDG09 the proposal for the provisional appointments process was refined. This included identifying the required extra Registration Data items as well as which parties would view this data. Write-up was added to Working Document A in the Teams area.

In summary:

- ❑ Supplier plans meter exchange requiring market segment change
- ❑ Supplier provisionally appoints new Metering Service and Data Service, with Change of Segment Indicator (CoSI)
- ❑ New Metering Service changes meter – updating SMRS and removing CoSI
- ❑ Removal of CoSI confirms provisional appointments and deappointments of old services

Related MPANs

Following CCDG09 the issue was written up and put in teams for comment and has now been added to Working Document A.

The conclusion set out is as follows:

- ❑ It is aspirational that Related MPANs are not retained long term but may need to be maintained in the short term. Smart Meters replacing the current Radio Teleswitched Meters may require two Meters if the smart Meter variants are unavailable and where NHH arrangements are still in place.
- ❑ Furthermore, new arrangements for example to Meter Electric Vehicles (EVs) may result in the need for more than one Meter at a given site. The CCDG believe that **in the long term** the requirement for Related MPANs can be phased out and that Suppliers should seek to install a single Meter at site wherever possible going forward.

Meter Technical Details

The AWG/CCDG paper on MTDs has been adapted and added to Working Document A.

The solutions in terms of data has not changed for Advanced and non-smart Meters for Smart Meter the proposal is to add the following items to the registration system:

Reference	Item Name	Optional/Mandatory
<u>jnew</u>	<u>Auxiliary Load Control Switch (ALCS) connected</u>	<u>Optional</u>
<u>jnew</u>	<u>Device GUID (aka Device ID)</u>	<u>Optional</u>
<u>J1254</u>	<u>Effective from Settlement Date {MSMTD}</u>	<u>Mandatory</u>
<u>J1025 (in D0268)</u>	<u>Meter Equipment/Service Location</u>	<u>Optional</u>
<u>J0419</u>	<u>Meter Location</u>	<u>Mandatory</u>
<u>J0478</u>	<u>Number of Register Digits</u>	<u>Mandatory</u>



ASSESSMENT AGAINST DESIGN & DEVELOPMENT PRINCIPLES



AGREE CONSULTATION QUESTIONS

Question 1. Do you agree that the detailed MHHS TOM design is consistent with the Design Working Group’s preferred Target Operating Model?

Yes/No

Rationale:

Question 2. Do you agree that the detailed MHHS TOM design meets Ofgem’s Design and Development Principles?

Yes/No

Rationale:

Question 3. Do you have any specific concerns, or can you identify any omissions, with the proposed set of data items for the MHHS TOM?

Yes/No

Rationale:

Question 4. Do you have any specific concerns, or can you identify any omissions with, the proposed set of processes for the MHHS TOM?

Yes/No

Rationale:

Question 5. Do you agree with the view that Suppliers are not currently correcting Settlement data for ETs and that no process be introduced to adjust the Settlement position of Erroneously Gaining Suppliers following the resolution of the Erroneous Transfer process?

Yes/No

Rationale:

Question 6. Do you believe that all the major changes to the Code documents required to deliver the MHHS TOM have been identified?

Yes/No

Rationale:

Question 7. Do you have any other comments on the detailed TOM design?

Yes/No

Rationale:



SEC Code Change Matrix - MHHS

Abhay Soorya (SECAS)





- SEC Section A (Definitions and Interpretations):
 - A1 (Definitions): A new User Role allowing the MDR to access HH data will need to be defined
- SEC Appendix AD (DCC User Interface Specification):
 - 3.8 (Service Request Definitions): The new User Role will be made an Eligible User for the Service Requests (SRs) identified by the DWG as necessary for the purposes of MHHS
- SEC Appendix E (DCC User Interface Services Schedule):
 - The Target Response Times for the SRs identified by the DWG will be higher than the 30 seconds that apply to most SRs



- SEC Appendix R (Common Test Scenarios Document):
 - Annex C (Test Scenarios): A list for of tests pertaining to the new User Role and to be mandatory during User Entry Process Testing (UEPT) will be defined.
- SEC Section G (Security) and Section I (Data Privacy):
 - Security & Data Privacy adhering to the new User Role will need to be defined. It is likely that obligations for the new User Role will be similar to those for the existing Other User (OU) role.
 - Some specific requirements remain under discussion, with others dependent on policy decisions which are not yet finalised.
- SEC Section H (DCC Services):
 - 1.6: Establishing that the DCC can accept User IDs for a Party acting within the new User Role.
 - 1.10: Defining the nature of the User Entry Process for the new User Role.

Other Updates



- SEC Section E (Registration Data):
 - The Registration Data Requirements for new User Role need to be defined.
 - The DCC is assuming that:
 - Energy suppliers will register their appointed Meter Data Retrieval (MDR) party in Meter Point Registration Service (MPRS) data; and
 - This information will be passed to the DCC at MPAN level alongside the existing data attributes associated with each MPAN.

- SEC Section K (Charging Methodology)
 - 3.10: Defining the charging group that the new User Role falls into.



ACTION UPDATES

Action 08/06 - Linking Import & Export MPANs

New BSC Issue (expected to be 91) titled 'Registration and Settlement of Smart Export Guarantee (SEG) sites' due to be raised next week.

The solution scope is expected to cover, although is not limited to:

- a) Re-examining the relevant procedures within BSCP504 and BSCP514 with a view to introducing changes that are more relevant to the efficient running of the export market.
- b) Elexon to provide guidance to Suppliers and Supplier agents to clarify the requirements for appointing and registering export Meters, below the capacity of 30kW, within the BSC.
- c) Consideration of BSC Modifications to enable the efficient running of the export market, e.g. to require MOAs to accept a Supplier's request for appointment of an export Meter for a premise or customer where they already serve that premise or customer as the import MOA, within an agreed number of days.

Processes likely to come under focus are New Connections, Change of Supplier and MOA appointments. All require a reliable means of linking or associating the export MPAN with the existing import MPAN. We expect an AMO representative and a number of Export Suppliers to attend, and to put forward the CCDG's recommendation of an 'import-export association indicator' in the Registration Service (SMRS).

Action 08/01 - Opt-out ID

CCDG/ AWG Meeting held on 16 October to discuss opt-out issue:

There was agreement that the following information was required:

- ☐ As part of on boarding, the supplier needs to know and/or record:
 - ☐ The type of meter
 - ☐ Import/export
 - ☐ Domestic/non-domestic
 - ☐ The customer's data sharing preference
 - ☐ The effective from date of said preference
- ☐ In addition to that, during the transition a supplier would need to know, about their existing customers:
 - ☐ Which data access framework they are on
- ☐ The data service needs to know the following information:
 - ☐ The lowest granularity of data they can collect (HH, daily or monthly)
 - ☐ The effective from date

Outstanding questions:

- ☐ Should the granularity and EFD be stored in registration?
 - ☐ To help further this conversation – we'll have a look at the process diagrams the AWG are working on to try and understand the differences
- ☐ What happens in non-standard cases?
 - ☐ We stepped through what is needed in a smooth on boarding process, further conversation is needed for some of the more complicated on boarding situations. The ones highlighted during the call today were a SoLR event and change of tenancy.

Action 08/01 – Advanced Meters settled on Register Reads

Domestic customers with Advanced Meters, on WC or CT, can opt-out of HH-data and choose to be settled on register reads. How should the settlements process work for these and which Services should be responsible?

- ❑ In the smart segment, the Meter Reading Service can remotely retrieve the data (MRS 3.4). The SDS can convert register reads to daily advances, and apply load shapes. However there would be a change of segment if the customer's data privacy preferences change.
- ❑ In the Advanced segment, the ADS cannot create a HH profile where only register reads are available. The only option would be to apply the default load shapes.

Action 05/12 - Changes to Supply Number

The Supply Number is defined in the Supply Licence as

- “a number relevant to the registration of a Customer that is prescribed by the Master Registration Agreement”;

SLC 20.4 states in respect of the Supply Number:

Supply Number

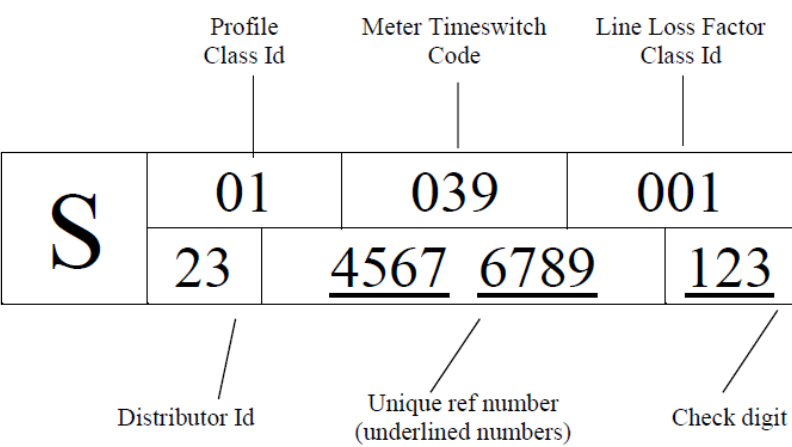
- 20.4. The licensee must inform each of its Non-Domestic Customers of their Supply Number:
- (a) on each Bill or statement of account sent to a Non-Domestic Customer in relation to Charges; or
 - (b) annually if the licensee has not sent such a Bill or statement of account to them.

The format of the Supply Number is defined in Schedule 5 of the MRA, but will move to the Retail Energy Code (REC) in September 2021.

The data items comprising the Supply Number in MRA Schedule 5 reference Schedule 2, which will move to BSC501 in July 2022.

The ‘top line’ can be removed, amended or replaced by making a change to the REC Registrations Schedule under the REC change process.

Changes to Supply Licence Condition 20 should not be required.



Action 05/09 - Charging SCR interactions

Ofgem and Elexon held meeting with the ESO representatives on 7 October to discuss CUSC requirements:

We discussed the need to understand the Access and Forward Looking SCR requirements to identify if we had all the required data items to provide aggregations of data for TNUoS purposes.

We have provided them with:

- ☐ Extract from CCDG working document A – the new Consumption Component Classes
- ☐ Copy of MHHS data catalogue the registration data items required for MHHS.
- ☐ The revised Settlement Timetable

We agreed to meet again when the A&FLC minded to decision is published to look into what aggregations are required.

It was noted a either a new data flow or revised version of the P0210 may be required and that the timing would impact data in the SAAIO14 data flow.

The mechanism for provision of the data is already being looked at which the MHHS arrangements may be able to adopt.



2021 MEETING DATES

Proposed 2021 meeting dates

We've kept to the 3rd Tuesday of the month
What should we do with the December meeting?

Meeting Number	Papers Issued	Meeting Date
CCDG13	11 January 2021	19 January 2021
CCDG14	8 February 2021	16 February 2021
CCDG15	8 March 2021	16 March 2021
CCDG16	12 April 2021	20 April 2021
CCDG17	10 May 2021	18 May 2021
CCDG18	7 June 2021	15 June 2021
CCDG19	12 July 2021	20 July 2021
CCDG20	9 August 2021	17 August 2021
CCDG21	13 September 2021	21 September 2021
CCDG22	11 October 2021	19 October 2021
CCDG23	8 November 2021	16 November 2021
CCDG24	13 December 2021	21 December 2021



SUMMARY AND NEXT STEPS

ELEXON

THANK YOU

CCDG10

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