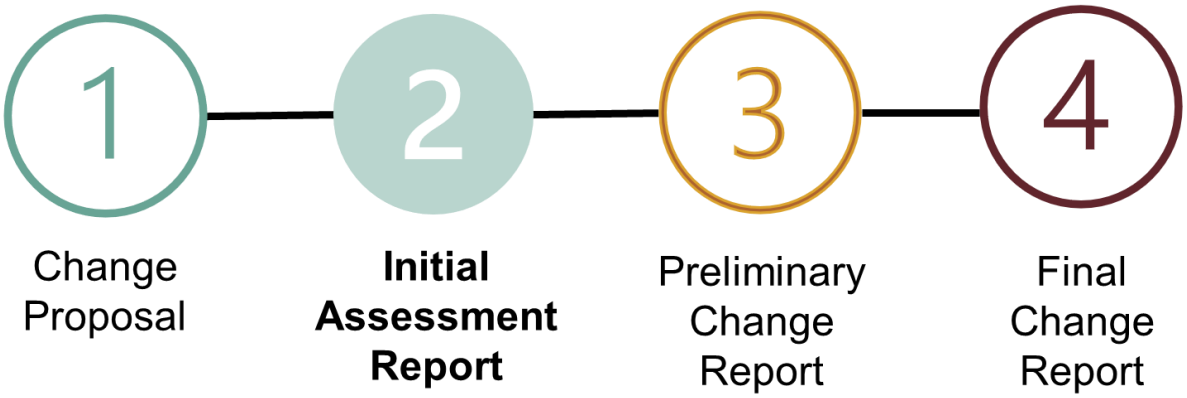
RETAIL ENERGY CODE

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Information is for public, unrestricted dissemination, and publication.

INITIAL ASSESSMENT REPORT



PURPOSE:	This is a written report from the Code Manager setting out their initial assessment of the Change Proposal and planned next steps for progressing the proposal.
NOTES:	The Initial Assessment Report is accompanied by a Change Proposal Plan, which describes the Code Manager's plan for progressing this Change Proposal. The solution will not be finalised until the publication of the Preliminary Change Report.
NEXT STEPS:	The Change Proposal Plan will set out the next steps for progressing this Change Proposal. The Code Manager will either propose additional activities to develop and/or assess the solution, or immediately prepare and publish the Preliminary Change Report.

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01	Initial Assessment Report
02	Preliminary Change Report
03	Final Change Report

INITIAL ASSESSMENT REPORT

R0032 - NEW REGISTRATION DATA ITEMS AND PROCESSES TO SUPPORT THE TRANSITION TO MARKET-WIDE HALF-HOURLY SETTLEMENT (MHHS)

DOCUMENT VERSION	1.0
DATE ISSUED	11/03/2022
DOCUMENT APPROVAL STATUS	APPROVED BY REC CHANGE PANEL
RESPONSIBLE COMMITTEE	CHANGE PANEL

CHANGE OVERVIEW

This change seeks to deliver a recommendation from the Code Change and Development Group (CCDG), to introduce Registration Service Data Items that will be needed for Market-wide Half Hourly Settlement (MHHS), into the existing Supplier Meter Registration Service (SMRS) systems, before MHHS migration commences in October 2024.

	High Impact: Energy Suppliers, Distribution Network Operators, Metering Equipment Manager.
	Medium Impact: N/A
	Low Impact: N/A

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1 SUMMARY

The Code Change and Development Group (CCDG) is one of three industry working groups set up to support Ofgem's Significant Code Review on Electricity Settlement Reform.

The CCDG issued a consultation in July 2021, which set out their recommendation for the key stages of the Market-wide Half Hourly Settlement (MHHS) Transition. This covers essential pre-migration and migration activities, with the aim of ensuring that the transition to MHHS happens as efficiently and smoothly as possible. 'Code Change and Development Group Transition Consultation on Market-wide Half Hourly Settlement'.

Of the recommendations made by the CCDG, this Change Proposal relates to Recommendation 1 which aims to enable new Registration Data Items and process changes to support the MHHS transition. The Registration Service Data Items will be part of the MHHS Design Baseline. These items are critical to the MHHS rules and processes.

It is therefore recommended that this subset of items is introduced into the existing Supplier Meter Registration Service (SMRS) systems, before MHHS migration commences in October 2024.

These Data Items are proposed for introduction into Market Messages across both the Balancing and Settlement Code (BSC) and Retail Energy Code (REC) and to display these Data Items in the Electricity Enquiry Service (EES). BSC CP1558 has been raised to progress the BSC elements.

The proposed solution would:

- Create new Data Items within the REC Data Specification.
- Amend the D0312 Market Message, to introduce newly created and existing Data Items

2 PROBLEM STATEMENT

There are Registration Service Data Items that are critical to the MHHS rules and processes.

The MHHS Programme is concerned that starting migration in October 2024 with poor underlying data quality would lead to avoidable time and effort being spent fixing issues during the 12-month migration period.

To facilitate MHHS Programme data cleanse activity, prior to the transition to Half Hourly Settlement, Registration Service Data Items need to be introduced into the existing Supplier Meter Registration Service (SMRS) system and also displayed in EES.

3 USER STORIES

REF.	USER STORIES
MARKET PARTICIPANT USER STORIES	
M1	As an impacted Market Participant, I want to ensure good quality underlying data is available to support the transition to HH Settlements to avoid additional time and effort being spent fixing data quality issues during the migration period.
M2	As the MHHS Programme, I want Registration Data Items to be available ahead of the MHHS migration to enable data cleanse activity to be completed to address data quality issues.

4 IMPACTS

REC PARTIES AND SERVICE USERS
Energy Suppliers
Distribution Network Operators
Metering Equipment Managers

REC SERVICE PROVIDERS
Electricity Enquiry Service
Electricity Retail Data Service

CONSUMERS
Electricity Consumers

REC DOCUMENTS / PRODUCTS
Market Message Catalogue • D0312 (MM00256) Notification of Meter Information to MPAS
Data Item Catalogue • J0419 (DI50194) Meter Location Code • JXXXX ESME ID • JYYYY Number of Displayed Register Digits
Data Specification
Schedule 12 – Data Access
Schedule 14 – Metering Operations
Electricity Enquiry Service Definition

The proposed solution would

1. Create new Data Items:
    i. Create an Electricity Smart Metering Equipment Identifier (ESME ID) in the REC Data Specification, which would be an alias of the DCC Globally Unique Identifier (GUID) item, to allow it to be included in the D0312 data flow.
    ii. Number of Displayed Register Digits

2. Change the D0312 to introduce new Data Items:
    i. Meter Location Code (J0419)
    ii. ESME ID (new)
    iii. Number of Displayed Register Digits (new)

The solution will also need to consider:

- MPAS validation and rejection requirements, such as new codes to reject blank Meter Location Codes (which is a mandatory item), and invalid mapping from Meter Type to Number of Register Digits.
- The display of all new Data Items in the EES, via the Electricity Retail Data Service (ERDS).
- How the introduction of additional Data Items in to the EES, will impact both the Graphical User Interface (GUI) and Application Programming Interface (API).
- Security implications of providing the ESME ID, and other new data items, and whether the information should only be provided to the current Supplier/MEM/DNO.
- The appropriate ownership of any new Data Items.

This Change Proposal does not require updates to other MPAS associated Market Messages. The purpose of the new Data Items are limited to MHHS registration purposes. As such, Data Items do not need to be received outside of the ERDS.

The proposed solution has been put forward by the MHHS Programme and will be validated during the Solution Development phase to ensure the final solution is fit for purpose and doesn't create any inconsistencies across different Codes. The final solution will be taken forward to Impact Assessment.

CROSS CODE IMPACTS

BSC CP1558 'New Registration data items' has been raised to take forward the CCDG recommendations introducing new Registration Service Data Items and supporting BSC processes into existing SMRS systems.

The REC and BSC changes, collectively deliver the CCDG's transition recommendation.

Through Solution Development there will be ongoing alignment discussions with the Smart Energy Code (SEC) and BSC to ensure the preferred solution is fit for purpose and doesn't create any inconsistencies across the different Codes.

5 CHANGE PATH AND RESPONSIBLE COMMITTEE

CHANGE PATH	SELF-GOVERNANCE
RESPONSIBLE COMMITTEE	CHANGE PANEL

This Change proposes updates to Schedule 14 – Metering Operations which falls under the responsibility of the Metering Expert Panel (MEP), with updates also proposed to the Market Message Catalogue, Data Item Catalogue and Data Specification which fall under the responsibility of the Technical Expert Panel (TEP). It is also expected that an update will be required to Schedule 12 – Data Access, which is under the responsibility of the Change Panel.

As the identified REC Products fall under the responsibility of the MEP, TEP and Change Panel, we propose that the appropriate Responsible Committee for this Change Proposal would be the Change Panel.

6 PRIORITY STATUS AND URGENCY

PRIORITY STATUS	HIGH
URGENCY	STANDARD

PRIORITISATION MATRIX

Significance	Score	Weighting
Legal/Regulatory Compliance	0	30
Strategic Direction	2	20
Cost Benefits / Value	0	10
Consumer Impacts	0	30
Operational Efficiency	1	10

Weighted Significance Score	1
Urgency	3
Overall Priority Score	**13**
Effort	1 - Moderate

Urgency

3	N/A	13	23	33
2	02	12	22	32
1	01	11	21	31
0	00	10	20	N/A

Significance

Priority Score	Priority Status
23 - 33	Critical
13 - 22	High
11 - 21	Medium
00 - 10	Low

PRIORITY STATUS
High

The Priority Status for this Change Proposal is 'High' based on a 'Weighted Significance' score of 1 and an 'Urgency' score of 3. This is broken down as below:

Significance:

> Strategic Direction – a score of 2 as this change supports the achievement of the Market-wide Half Hourly Settlement Programme.

Operational Efficiency – a score of 1 as this change will help avoid potential issues which may occur as a result of poor data quality.

Urgency:

This Change Proposal has been given an urgency score of 3 to reflect the need for it to be progressed imminently for it to achieve its required timetable.

7 SUMMARY OF CHANGE PROPOSAL PLAN

The solution to this Change Proposal has been partially defined, therefore a period of solution analysis and development will be required.

Following the solution development activity, the Code Manager will review the Change Proposal Plan to confirm the planned activity and timelines remain appropriate for the proposed solution.

An impact assessment period has been included within the plan, this will give impacted Market Participants and Service Providers sufficient time to assess the proposed solution and respond to the impact assessment.

As the Change Proposal seeks to introduce new Data Items into the Electricity Enquiry Service (EES) a detailed Service Provider Impact Assessment is also required. The Service Provider Impact Assessment will consider requirements from the REC and BSC.

A consultation period of 15 WD has also been included, this will follow the approval of the Preliminary Change Report.

	FROM	TO
SOLUTION ANALYSIS AND DEVELOPMENT	06/04/2022	09/05/2022
SERVICE PROVIDER IMPACT ASSESSMENT	13/05/2022	14/06/2022
PARTY IMPACT ASSESSMENT	13/05/2022	07/06/2022
DEADLINE FOR ALTERNATIVE CHANGE PROPOSAL SUBMISSION	24/06/2022	24/06/2022
PRELIMINARY CHANGE REPORT ISSUED	24/06/2022	24/06/2022
RESPONSIBLE COMMITTEE REVIEW	05/07/2022	05/07/2022
CONSULTATION	08/07/2022	29/07/2022
FINAL CHANGE REPORT ISSUED	05/08/2022	05/08/2022
RESPONSIBLE COMMITTEE DECISION	16/08/2022	16/08/2022

8 GLOSSARY

TERM	DEFINITION
Retail Energy Code (REC)	means this Code, including its Schedules and the Technical Specification, maintained pursuant to the electricity supply licences granted under the Electricity Act 1989 and the gas supply licences granted under the Gas Act 1986, as such code is modified from time to time in accordance with its provisions
Balancing and Settlement Code	means the Balancing and Settlement Code, as defined in the Electricity Supply Licences.
Energy Supplier	means a person which is either or both an Electricity Supplier and/or a Gas Supplier.
Smart Energy Code	means the code of that name maintained pursuant to the DCC Licence.
Half Hourly	refers to electricity being traded and/or settled on a half hourly basis.
Distribution Network Operator (DNO)	means a person holding an Electricity Distribution Licence.
Meter Equipment Manager (MEM)	means, as applicable, either: (a) for electricity, the Meter Operator Agent (as defined in the BSC) Appointed by an Electricity Supplier; or (b) for gas, the Meter Asset Manager (as defined in the UNC) Appointed by the Gas Supplier
Electricity Enquiry Service (EES)	means the service described as such in the EES Service Definition.
Data Items	means the most granular level of data defining a specific attribute in respect of a Data Type, the permissible values for which are defined and controlled in the Data Item Catalogue.
Metering Point Administration Service (MPAS)	means the service of that name which each DNO is required to provide under its Electricity Distribution Licence.
Electricity Retail Data Service (ERDS)	means the electricity registration services to be provided under this Code to support the provision of electricity retail data to the CSS and other services.