RETAIL ENERGY CODE

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01	Proposal Plan
02	Impact Assessment
03	Consultation
04	Final Recommendation

CHANGE REPORT

I0241 – MHHS INCREMENTAL CHANGES FOR GO LIVE

DOCUMENT VERSION	1.0
PROPOSED IMPLEMENTATION DATE	Date determined by the Authority in line with MHHS Programme Milestone M8 'Code changes delivered'
IMPLEMENTATION APPROACH	BIG BANG

RESPONSIBLE COMMITTEE	CHANGE PANEL	**CHANGE PATH**	AUTHORITY DETERMINED
PRIORITY STATUS	CRITICAL	**URGENCY**	STANDARD
IMPACTED STAKEHOLDERS	ENERGY SUPPLIERS, DISTRIBUTION NETWORK OPERATORS, GAS TRANSPORTERS, METERING EQUIPMENT MANAGERS, SHIPPERS, DATA COLLECTORS, DATA AGGREGATORS, EES USERS, ALL REC SERVICE PROVIDERS		

LEAD ANALYST (SOLUTION LEAD)	TECHNICAL LEAD	ASSURANCE LEAD	SUBJECT MATTER EXPERT
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OVERVIEW

This change looks to deliver critical updates to the REC Market-wide Half Hourly Settlement (MHHS) Code Drafting, which was approved by the Authority through R0209 - Implementation of MHHS Arrangements, that are required for MHHS Go-Live at MHHS Programme Milestone 8 'Code changes delivered.'

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BACKGROUND

1 SUMMARY

Since the MHHS Code Drafting was baselined by the MHHS Programme in August 2024, a number of MHHS design changes have been identified and approved by the Programme to support the robustness of the design for implementation. Amendments to REC Consequential Change solutions have also been identified. Both types of incremental change were expected, due to further understanding being gained through preparation for implementation, including Systems Integration Testing (SIT). Further Code amendments could still be identified during SIT. The end of SIT Cycle 3, in March 2025, is when the majority of testing will be completed and when it is assumed, most of the design defects will have been identified.

The REC MHHS Code Drafting was approved by the Authority, to meet MHHS Programme Milestone M7, through the Significant Code Review Change Proposal (SCR CP) R0209 - Implementation of MHHS Arrangements and incremental changes that were not included under that Change Proposal, now need to be taken through REC change governance, as captured under R0209 Risk R001, Assumption A005 and Assumption A006.

This Issue looks to assess and confirm the scope to be taken forward into the Change Proposal that will deliver critical updates to the REC MHHS Code Drafting. Any potential scope items that have material impacts over and above the approved MHHS design will be considered as having unacceptable risk to the intended Change Proposal and will not be included in the confirmed scope.

Potential scope items to be considered under this Issue will include:

- Approved Programme Change Requests (Programme CRs) and/or Design Issue Notifications (DINs) not previously included – this will be anything with a REC impact that has been included since Design Interim Release (IR) 8.1
- Amendments identified to REC Consequential Changes identified since M6 and required for M8/M10 implementation – Consequential Changes will be defined under the same principles previously adopted by the Programme's Code workstream – includes amendments to EES identified through participant testing
- Correction of issues identified with the MHHS Code Drafting to ensure alignment with the MHHS design
- Issues shared with the REC MHHS project team that require further consideration with stakeholders to understand their criticality and impact

Scope items will be compiled and managed by the solution lead in the early stages of the Issue and then as they arise during the Definition window.

2 PROBLEM STATEMENT

The REC MHHS Code Drafting was approved by the Authority, to meet M7, through R0209, and incremental changes to support the MHHS design since M7 have not been included under that Change Proposal. To ensure the MHHS Code Drafting that is implemented at MHHS

Programme Milestone M8 is aligned to the MHHS design, including updates not captured by R0209, the code now needs to be taken through REC change governance.

3 IMPACTS

This change could impact any of the REC products and services that were impacted by R0209. These are provided in the table below but confirmed impact will be determined during solution development.

CONSUMERS
All Electricity Consumers

REC SERVICE PROVIDERS
Electricity Enquiry Service
Electricity Retail Data Service
Central Switching Service

RECCO / REC CODE MANAGER
RECCo
All REC Code Managers

REC PARTIES AND SERVICE USERS
Energy Suppliers
Distribution Network Operators
Metering Equipment Managers
EES Users
Data Communications Company

REC DOCUMENTS / PRODUCTS	
Interpretations and Definitions Schedule	EES Service Definition
Qualification and Maintenance Schedule	ERDS Service Definition
Market Exit Schedule	Schedule XX - MHHS Migration
Data Access Schedule	Data Specification: Market Messages Data Items
Metering Operations Schedule	EES API Technical Specification
Metering Accreditation Schedule	Standard Definitions Document
Registration Services Schedule	
Related Metering Points Schedule	
Address Management Schedule	
Switching Data Management Schedule	
RMP Lifecycle Schedule	
Resolution of Consumer Facing Switching and Billing Issues Schedule	

Consolidated Metering Code of Practice (CoMCoP)

MHHS DESIGN	MHHS DATA SPECIFICATION	MHHS CODE DRAFTING
Changes that are confirmed to impact the MHHS design, and have not already been captured by a Programme CR or DIN will not be taken forward under this change	The purpose of this change is to progress necessary changes to the MHHS Data Specification that are required at MHHS Go-Live	The purpose of this change is to progress necessary changes to the MHHS Code Drafting that are required at MHHS Go-Live

Amendments to the MHHS Code Drafting approved under R0209 will be directly impacted by this change. The resulting updated drafting will need to be implemented at M8 and will be managed via the REC's MHHS M8 release planning activity.

4 CROSS-CODE IMPACTS

Equivalent changes will also be progressed under the Balancing and Settlement Code (BSC) and Distribution Connection and Use of System Agreement (DCUSA). The DIP Manager is also considering changes that need to be progress for MHHS go-live. Some scope items in I0241 will directly relate to scope under other code's changes.

The scope list considered under this Issue will be directly linked to the MHHS Programme's 'M8 Change Control Log' on the Pre-M8 Change page of the MHHS Collaboration Base. This is the central repository for all change being considered for inclusion in Change Proposals and Modifications for implementation at M8. Progression and alignment between the Code Bodies will be coordinated through the MHHS Programme Code Workstream.

The expectation is that this will be a further SCR CP with a directed, coordinated timetable from Ofgem.

5 PROPOSAL PLAN

Milestone	Activity	From	To
Definition		**06 Feb 25**	**31 May 25**
	Solution Development	February	May
	Impact Assessment	March	May

The change plan for I0241 has only been set up to the end of the Definition stage.

As the CP that will follow is expected to have a timetable directed by Ofgem and coordinated under the MHHS Programme Codes Workstream, it is not possible to set out the specific dates

beyond impact assessment. It is the Code Manager's intention to target confirmation of the proposed scope by the end of May 2025, if possible.

The intention of this change is to ensure MHHS Code Drafting meets the intent of the MHHS design and the directed timetable for the remaining milestones in the Change Proposal Plan will support an implementation at M8.

The intention of the Definition stage of this issue will also be to confirm appropriate next steps for any potential scope items that are not taken forward in this CP.

6 STAKEHOLDER ENGAGEMENT

The REC Change Issues Group will be the primary industry engagement forum for this change. The REC MHHS Stakeholder Advisory Group (MSAG) was the governance forum through which the REC Consequential Change solutions were agreed. MSAG stakeholders have been made aware and encouraged to join Change Issue Group meetings.

MHHS subject matter experts from RECCo and the Code Manager are already directly engaged in this change. Representatives from other Code Bodies and the MHHS Programme will also be engaged through this change's progression.

Impact assessments will take place on an iterative basis in groups or by scope item. This will mean that scope items that can be confirmed easily and early do not have to wait until later additions or more complex scope items. The Code Manager therefore expects there to be more than one impact assessment issued.

Where a scope item is cross-code, the Code Manager will work with the relevant Code Body/ies to ensure communications or assessments can be aligned.

Depending on scope items included, updates to other relevant Responsible Committees may be required. This will be managed appropriately throughout the Definition stage.

The proposed scope for the final Change Proposal will be taken to the Code Drafting Working Group and Cross Code Advisory Group for endorsement. The timing of this will be determined by the cross-code coordination activity.

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7 PRIORITY STATUS AND URGENCY

Category	Significance / Resource impacts / Urgency	Further selection / breakdown	Score (0-3)	Weighting	Weighted Score
Impacts	Consumer Impact	Direct	2	25	50
	Retail Markets Impact	Innovation and Market Arrangements	3	15	45
	RECCo / REC Party / REC Service Provider Impact	Operational Effectiveness and Efficiencies	1	5	5
		Legal and Regulatory Compliance	3	13	38
Resource	Complexity / Effort / Duration		2	8	15
Strategic Alignment	Contribution to/ Alignment with the objectives of the REC		3	15	23
	Contribution to/ Alignment with RECCo's Forward Work Plan		2		15
Urgency *(The need to progress a change to meet a targeted date)*		Significant Code Reviews	3	20	60
				Overall Priority Score (rounded)	250

Priority Status	CRITICAL
Change Proposal Type	STANDARD

8 RISKS, ASSUMPTIONS, ISSUES AND DEPENDENCIES

8.1 RISKS AND ISSUES

No risks or issues have been identified

8.2 ASSUMPTIONS AND DEPENDENCIES

NO.	ASSUMPTION	NOTES	HOW/WHEN TO VALIDATE
I0241.A001	The Change Proposal which is progressed from this issue is expected to be an SCR CP with a directed, coordinated timetable from Ofgem		When the Change Proposal is raised
I0241.A002	Definition will determine the scope of the Change Proposal to be taken forward for implementation at M8		When the Change Proposal is raised

NO.	DEPENDENCY	NOTES	STATUS
I0241.D001	Successful progression of this issue during Definition is dependent on engagement with industry parties, other Code Bodies and the MHHS Programme to appropriately understand and document the scope to be taken forward	Change Issues Group and CCAG will be the primary the forums for this engagement.	Ongoing

9 APPENDIX

CHANGE PROPOSAL	Link
RELATED CHANGES	R0209 - Implementation of MHHS Arrangements BSC Modification P478 Implementation of MHHS Arrangements DCP 445: Implementation of Market-wide Half Hourly Settlement (MHHS) Arrangements
OTHER DOCUMENTS / LINKS	MHHS Programme Finalisation of Code Artefacts - MHHS Programme Consequential Change Solution Documents – REC MSAG

10 GLOSSARY

TERM	DEFINITION
Balancing and Settlement Code (BSC)	means the Balancing and Settlement Code, as defined in the Electricity Supply Licences

Central Switching Service (CSS)	means the Systems and processes provided or procured by the CSS Provider for the purpose of providing the Address Management Service and the Registration Service.
Consumer	means any person supplied (or seeking a supply) of Energy at an RMP (whether or not that person also exports or is seeking to export electricity at an RMP).
CSS Provider	means the DCC when performing functions under or in relation to this Code (but always excluding its functions under the Smart Energy Code and its roles as CSS Systems Integrator, SI Provider and Switching Operator), including in respect of the Central Switching Service and including in effecting the design, build and testing of any System that will allow it to perform functions under this Code after the CSS Go-Live Date. This role is the CSS Procurer and Manager function as described in the E2E Data Migration Plan, E2E Integration Plan, E2E Post Implementation Plan, E2E Testing Plan, E2E Transition Plan: Implementation Approach and E2E Transition Plan: In-Flight Switches Approach.
Data Communications Company (DCC)	means the person holding the DCC Licence.
Data Integration Platform (DIP)	means the data integration platform made available pursuant to the BSC.
DIP Manager	means BSCCo or such other entity as is responsible under the BSC for managing the Data Integration Platform.
DIP Rules	has the meaning given to that term under the BSC.
Distribution Network Operator (DNO)	means a person holding an Electricity Distribution Licence.
Electricity Retail Data Service (ERDS)	means the electricity registration services provided under this Code to support the provision of electricity retail data to the CSS and other services.
Electricity Enquiry Service (EES)	means the service described as such in the EES Service Definition.
Market-wide Half Hourly Settlement (MHHS)	Market Wide Half-Hourly Settlement will utilise the ability of smart meters to record a customer's usage during each half hour period to move domestic and small non-domestic customers to half-hourly settlement. Medium and larger non-domestic consumers have been settled half-hourly since BSC modification P272.

MHHS Milestone M8 'Code changes delivered'	This is the milestone at which the consequential changes, required to the industry codes to enact the MHHS Design, will be implemented. The date will be determined and governed by the MHHS Programme.
MHHS Target Operating Model (TOM)	The Target Operating Model is the settlement arrangements designed by the Design Working Group (DWG) and further developed by the Code Change and Development Group (CCDG) and the Architecture Working Group (AWG) that will facilitate Market-wide Half Hourly Settlement.
Significant Code Review (SCR)	means a review of one or more matters by the Authority which the Authority considers is: related to this Code (whether on its own or together with other Energy Code(s); and likely to be of significance in relation to the Authority's principal objective and/or general duties (as set out in section 3A of the Electricity Act and section 4AA of the Gas Act), statutory functions and/or relevant obligations arising under Law, and concerning which the Authority has issued a notice that the review will constitute a significant code review.