RETAIL ENERGY CODE

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

INITIAL ASSESSMENT REPORT

R0097 - CONSEQUENTIAL CHANGE FOR CSS SMART METER DATA RETRIEVER APPOINTMENTS

DOCUMENT VERSION	2.0
DATE ISSUED	21/03/2023
DOCUMENT APPROVAL STATUS	APPROVED

RESPONSIBLE COMMITTEE	TECHNICAL EXPERT PANEL	CHANGE PATH	SELF-GOVERNANCE
PRIORITY STATUS	CRITICAL	URGENCY	URGENT

DEADLINE FOR ALTERNATIVE CHANGE PROPOSALS	19/05/2023

LEAD CHANGE ANALYST



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CHANGE OVERVIEW

This change looks to make amendments to the Data Specification for the Supplier Arranged Appointments messages exchanged between the Electricity Retail Data Service and Central Switching Service.

	High Impact: N/a
	Medium Impact: ERDS Providers
	Low Impact: CSS Provider

1 BACKGROUND

Change Proposal R0044 'MHHS Programme Changes Required to Central Switching Service' has been progressed to allow for Smart Meter Data Retriever (SMDR) appointment data to be transferred through the Central Switching Service (CSS) to the Smart Meter Data Service Provider (SMDSP), as specified in the MHHS Target Operating Model (TOM).

During the R0044 detailed design, both impacted Service Providers and the Code Manager identified and proposed changes that will enable them to reduce additional demand on their systems and operate the proposed solution more efficiently. The Code Manager has subsequently raised this Change Proposal to take forward the consequential changes to the Data Specification.

A proposed solution has been developed with Service Providers and can be found here.

This change, in conjunction with R0044, is considered as a high priority and a critical dependency to ensuring the successful delivery of the MHHS TOM.

2 PROBLEM STATEMENT

The implementation of Change Proposal R0044, will result in the CSS providing an asynchronous response to the Electricity Retail Data Service (ERDS) upon a successful, or unsuccessful SMDR appointment within the SMDSP. This will significantly increase the volume of CSS messages, as there is currently no mechanism for the CSS to recognise when a response is required. The increased volume could have a significant impact on central system performance.

3 USER STORIES

REF.	USER STORIES
MARKET PARTICIPANT USER STORIES	
M1	As the CSS Provider, I want to be able to identify which appointment messages received from ERDS require a response, so that I can confirm whether the appointment was successfully made in SMDSP
M2	As the ERDS Provider, I want to be able to indicate which appointment messages I need to receive a response for, so that I can understand which appointments have been successful in the SMDSP
M3	As an Electricity Supplier, I want Supplier appointments in the ERDS to match those held in SMDSP

4 IMPACTS

CONSUMERS	REC SERVICE PROVIDERS	REC PARTIES AND SERVICE USERS
Electricity	ERDS Provider	CSS Users

REC DOCUMENTS / PRODUCTS
Data Specification: MM90011 Supplier Arranged Appointment Synchronisation - New data item New message - Confirmation notification from CSS to ERDA

This change only impacts the messaging between the Electricity Retail Data Service (ERDS) and CSS, and will ensure SMDR appointments can be identified and appropriately communicated between these REC Services. There are no direct impacts to Consumers as it affects central systems only, but indirectly this change will ensure the Switching process is not detrimentally impacted due to an increase in the volume of CSS messages.

This change will impact Electricity Retail Data Agents (ERDAs), specifically the ERDS adaptor service providers who will need to implement the 'acknowledgement required flag' and the associated response.

An initial assessment provided by the CSS Provider has confirmed that there will be no impact to CSS because the CSS impacts have been captured within the detailed design for R0044 and will be delivered under the R0044 requirements.

The identified CSS messages will need to be updated in the Data Specification.

5 CROSS CODE IMPACTS

This Change Proposal will need be implemented in alignment with the MHHS delivery timetable to ensure the end-to-end solution is delivered together in time for MHHS System Integration Testing (SIT). The Metering Point Registration System (MPRS) provider for the ERDAs, has noted that it is currently targeting January 2024 for this. Implementation of R0097 will need to align to MHHS go live at Milestone M8 'Code changes delivered', together with other related changes. Delivery planning will need to ensure that ERDAs can achieve their MHHS SIT entry plans.

6 CHANGE PATH AND RESPONSIBLE COMMITTEE

CHANGE PATH	SELF-GOVERNANCE	RESPONSIBLE COMMITTEE	TECHNICAL EXPERT PANEL

This change will follow a Self-Governance Change Path as, although the effectiveness of the R0044 solution has a dependency on it, this change will not amend the R0044 solution which has been agreed and approved as an Authority determined change.

The change seeks to enact a technical solution agreed between REC Service Providers and impacts the Data Specification. The Code Manager therefore considers that the decision on this Change Proposal should be made by the Technical Expert Panel.

7 PRIORITY STATUS AND URGENCY

Category	Significance / Resource impacts / Urgency	Further selection / breakdown	Score (0-3)	Weighting	Weighted Score
Impacts	Consumer Impact	Indirect	1	25	25
	Retail Markets Impact	Retail Risk(s)	1	15	15
	RECCo / REC Party / REC Service Provider Impact	Operational Effectiveness and Efficiencies	2	5	10
		Legal and Regulatory Compliance	1	13	13
Resource	Complexity / Effort / Duration		3	8	23
Strategic Alignment	Contribution to/ Alignment with the objectives of the REC		2	15	15
	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)	175

Priority Status	CRITICAL
Change Proposal Type	URGENT

The Priority Status for this Change Proposal is ‘Critical’ based on a weighted prioritisation score of 175. This is broken down as below:

Impact:

- Consumer – a score of 1 to reflect that without the implementation of this change, the full R0044 solution cannot be delivered without a significant increase in volumes which could impact Consumers’ Switching experience
- Retail Markets Impact - a score of 1 to reflect the minimal impact the change will have in mitigating the risk to CSS performance and its impact on Switching
- REC Operational Effectiveness – a score of 2 to reflect the moderate impact the change will have on the success of the solution to share SMDR appointments with SMDSP
- REC Party Legal and Regulatory Compliance - a score of 1 to reflect a minimal impact to the CSS Provider’s ability to meet their obligations in delivering the appropriate solutions to support the MHHS Target Operating Model.

Resource:

- A score of 3 - this is a change with a fully formed solution that can progress to consultation without further solution development

Strategic alignment:

- Objectives of the REC – a score of 2 due to the moderate impact this will have on the efficiency in the operation of the REC under the MHHS Target Operating Model
- RECCo Forward Workplan – a score of 2 due to the alignment with the key outcome to work closely with the MHHS Programme, Ofgem, REC Parties and our own service providers. This is to ensure that the retail arrangements governed under the REC are properly prepared to facilitate the timely delivery of MHHS and that our Parties and consumers can benefit from them

Urgency:

- This Change Proposal has been given an urgency score of 3 against a Significant Code Review, to reflect the need for it to be progressed immediately for it to achieve a timetable which will enable development and implementation that fits with MHHS dependencies

8 SUMMARY OF CHANGE PROPOSAL PLAN

The Change Proposal has been raised with a fully defined solution that has been agreed with Service Providers.

Therefore, the plan for this Change Proposal starts with a standard 25 Working Day Service Provider impact assessment by the ERDS Providers, who are the only directly impacted parties.

The Preliminary Change Report will go straight to a 10 Working Day industry consultation. A shortened consultation period is considered appropriate to support the urgency of this Change Proposal. It also takes into consideration that the overarching solution requirements have already been considered and approved under R0044 - MHHS Programme Changes required to Central Switching Service.

	FROM	TO
SERVICE PROVIDER IMPACT ASSESSMENT	22/03/2023	03/05/2023
PRELIMINARY CHANGE REPORT AND CONSULTATION ISSUED	19/05/2023	19/05/2023
CONSULTATION	19/05/2023	05/06/2023
FINAL CHANGE REPORT ISSUED	21/06/2023	21/06/2023
RESPONSIBLE COMMITTEE DECISION	28/06/2023	28/06/2023
APPEAL WINDOW CLOSURE	29/06/2023	13/07/2023

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9 GLOSSARY

This glossary details two different sets of terms.

- The first table includes terms and definitions from the REC
- The second table includes terms and definitions from the MHHS Programme which are taken from the MHHS Glossary on the Programme Collaboration Base

TERM	DEFINITION
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.
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 Specification	means the document of that name forming part of the Technical Specification.
Electricity Supplier	means a person holding an Electricity Supply Licence.
Electricity Retail Data Agent (ERDA)	means a provider of a DNO's Electricity Retail Data Service.
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.
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.

Metering Point Registration System (MPRS)	means the System used or procured by each DNO in order to provide the Electricity Retail Data Service in accordance with the REC and / or the Supplier Meter Registration Service in accordance with the BSC.
Smart Meter Data Retriever (SMDR)	Means the new industry role that is being introduced into the REC through R0044. The role is known in the Smart Energy Code and MHHS Programme as Meter Data Retriever.
Smart Meter Data Service Provider (SMDSP)	means the DCC in its role as provider of the Smart Meter Data Service.

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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.