RETAIL ENERGY CODE

This document is classified as **WHITE**.
Information is for public, unrestricted dissemination and publication.

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

CHANGE REPORT

R0102 - REVISION OF THE APPROVED SOLUTION FOR R0032

CHANGE REPORT	FINAL
DOCUMENT VERSION	2.0
ISSUED DATE	26/04/2023
DOCUMENT APPROVAL STATUS	POST-VOTE

RESPONSIBLE COMMITTEE	TECHINCAL EXPERT PANEL	CHANGE PATH	SELF GOVERNANCE
PRIORITY STATUS	MEDIUM	URGENCY	URGENT

DEADLINE FOR ALTERNATIVE CHANGE PROPOSALS	14/04/2023

LEAD CHANGE ANALYST



Gemma Dixon

Click to send an email

020 3890 9062

TECHNICAL LEAD

Neil Brinkley

Click to send an email

CHANGE OVERVIEW

This Change Proposal seeks to address points of concern that have been raised on the approved solution for R0032 and ensure there is no ambiguity regarding the Market Message requirements.

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

RESPONSIBLE COMMITTEE DECISION

On the 26 April the Technical Expert Panel voted to **APPROVE** Change Proposal R0102 for implementation on 30 June 2023.

RETAIL ENERGY CODE

CONTENTS

BACKGROUND		
1.	Summary	**3**
2.	Problem Statement	**3**
3.	User Stories	**4**
PROPOSAL		
4.	Proposed Solution	**4**
5.	Draft Legal Text	**4**
6.	Summary of Impact Assessment Activity	**5**
7.	Delivery Against Change Proposal Plan	**6**
8.	Key Risks, Assumptions, Issues and Dependencies	**6**
9.	Proposed Implementation Date and Approach	**7**
10.	Summary of Consultation Responses	**7**
11.	Summary of Amendments Made Following Consultation	**8**
12.	Business Case Assessment	**8**
13.	Case for Change	**8**
14.	Code Manager's Recommendation	**8**
15.	Responsible Committee Decision	**9**
16.	Appendix	**9**
17.	Glossary	**9**

BACKGROUND

1 SUMMARY

To facilitate the MHHS Programme data cleanse activity, prior to the transition to Half Hourly Settlement, Registration Service Data Items need to be introduced into the existing SMRS system and displayed in the Electricity Enquiry Service (EES). Change Proposal R0032 - New Registration data items and processes to support the transition to Market-wide Half-Hourly Settlement (MHHS) was taken forward to introduce these Data Items to the D0312 Market Message (MM00256), which would enable the Data Items to be received and displayed in the EES.

In November 2022, Change Proposal R0032 was approved for implementation in the June 2023 standard REC release.

Impacted REC Parties have started to prepare for the implementation of their own system changes for R0032 and have contacted the REC Code Manager with questions and concerns about the approved solution. These specifically relate to the following aspects of the approved solution:

- The version number of the Market Message – version 002 has been maintained through R0032; however, Parties have raised concerns about the flow version not changing and the complexity this would add to their own implementation.
- The number of displayed register digits – the population rule does not currently set out the value to be used for every meter type, therefore, it is open to interpretation.

The Code Manager has reviewed these questions and determined changes are required to the approved solution, to address the points of concern that have been raised and ensure there is no ambiguity regarding the Market Message requirements.

As Change Proposal R0032 was approved for implementation in June 2023, the Code Manager has determined that this change meets the criteria for an Urgent Change Proposal. This will enable the change to progress on an expedited timeline, to reduce the risk of impacting the approved implementation date.

2 PROBLEM STATEMENT

In preparation for the implementation of R0032, Parties have identified areas of ambiguity with the approved solution. Following a review, the Code Manager identified that changes are required to the approved solution for R0032, which will ensure Parties have sufficient clarity to implement the required changes to their own systems and processes.

3 USER STORIES

REF.	USER STORIES
MARKET PARTICIPANT USER STORIES	
M1	As an impacted Market Participant, I want to have clarity on version of the Market Message and the population of Data Items within the Data Specification, so that my internal systems can be correctly configured to send and receive Data Items within Market Messages.

PROPOSAL

4 PROPOSED SOLUTION

As a result of feedback that was received post-approval of the original R0032 solution, the Code Manager reviewed the version of the D0312 (MM00256) and the reported impacts on Parties by not up-versioning the Market Message. In addition, further meter model types were added to the rule to clarify the value to be used for every meter type.

The proposed updates are:

D0312 (MM00256) – Notification of Meter Information to MPAS

Market Message version number

The Market Message will be up versioned from 002 to 003 in response to industry concerns that if no change was to be made processing messages at, and following, cutover would cause significant issues and may result in a high volume of rejections.

Number of Displayed Register Digits

This Data Item will be created as part of R0032. As part of the creation of the new Data Item, new rules will be added to the D0312 (MM00256) to state the number of register digits that should be displayed for certain types of smart meter. The approved R0032 solution has been updated to contain a wider range of smart meter models, including new meter model types introduced by R0010, which is also targeted for a 30 June 2023 implementation.

5 DRAFT LEGAL TEXT

The legal text changes to deliver the proposed solution to R0102 can be found here.

6 SUMMARY OF IMPACT ASSESSMENT ACTIVITY

6.1 SERVICE PROVIDER IMPACT ASSESSMENTS

The EES Provider and the system provider for Electricity Retail Data Agents (ERDAs) were asked to impact assess the proposed amendments.

EES PROVIDER	• Agree with proposed changes. • Do not anticipate any additional costs. • Their ability to meet the 30 June implementation date for R0032 (and other MHHS Stage-0 changes) is not compromised by R0102.
ERDA SYSTEM PROVIDER	• Agree with proposed changes. • Confirmed there is sufficient time to develop and test the patch required to the June MPRS release, providing the requirements are not extended beyond the proposed solution. However, concerns raised that Distribution Network Operators (DNO) may not have enough time to deploy the patch before the June 2023 window.

6.2 REC PARTY IMPACT ASSESSMENTS

A Party impact assessment was issued on the 31 March 2023 and closed on the 11 April 2023; ten responses were received, six from DNOs (two of which were confidential in full, and one response was partially confidential), three from MEMs (one partially confidential) and one from an Energy Supplier.

The confidential responses have not been published; however, they have been considered in the Code Manager assessment.

The non-confidential responses have been consolidated and can be found on the Change Proposal Page on the REC Portal here.

DISTRIBUTION NETWORK OPERATORS	• Confirmed their understanding of the proposed changes and confirmed that their system provider will be able to accommodate the changes via a patch for the June MPRS release. • Highlighted some internal impacts, however, did not identify any issues with these being implemented.
METERING EQUIPMENT MANAGERS	• Agreed with the proposed changes to the approved solution for R0032. • One MEM may not be able to accommodate the changes and meet the June implementation date, however, this is still going through their internal impact assessment. • Two MEMs highlighted there would be an increase in cost, with one of these MEMs agreeing the change would still be appropriate to progress.

ENERGY SUPPLIERS	• Agreed with the proposed changes to the approved solution for R0032. • Confirmed they will be able to accommodate the June implementation date. • No additional costs were provided.

7 DELIVERY AGAINST CHANGE PROPOSAL PLAN

To date, all activity has been completed within the planned timescales.

The Change Proposal Plan can be found here

8 KEY RISKS, ASSUMPTIONS, ISSUES AND DEPENDENCIES

8.1 RISKS AND ISSUES

NO.	RISK	NOTES	MITIGATION
R0102.CPP.R001	There may not be sufficient time for Parties to develop and implement their own changes following the approval of this Change Proposal. This could result in the need to delay the implementation of R0032.	The implementation date is aligned to BSC CPs 1558/1568 and is driven by the MHHS Programme timeline.	Impacts to Parties have been determined through the impact assessment.

8.2 ASSUMPTIONS AND DEPENDENCIES

No.	ASSUMPTION	NOTES	HOW/WHEN TO VALIDATE
R0102.CPP.D001	The Change Panel will need to be confident with the timetable for progression in order for a decision to be reached on whether to approve this Change Proposal.		Closed – Change Proposal Plan approved.

R0102.CPP.D002	R0010 quoted Service Provider Implementation costs are dependent on delivering REC Change Proposal R0032 at the same time as R0010	Will be validated that Parties can still build in time for June 2023.	Closed – Service Providers have confirmed they are still able to implement for June 2023.

9 PROPOSED IMPLEMENTATION DATE AND APPROACH

PROPOSED IMPLEMENTATION DATE	30/06/2023

PROPOSED IMPLEMENTATION APPROACH	BIG BANG

As Change Proposal R0032 was approved for implementation in June 2023, the Code Manager has determined that this change meets the criteria for an Urgent Change Proposal. This will enable the change to progress on an expedited timeline, to reduce the risk of impacting the approved implementation date.

10 SUMMARY OF CONSULTATION RESPONSES

A consultation was circulated on 14 April 2023 to obtain views on the Preliminary Change Report. In total nine responses were received from four DNOs, three MEMs and two Energy Suppliers. The responses have been consolidated and comments provided by the Code Manager. This can be found here.

The key themes from these responses have been summarised and set out below.

10.1 SUMMARY OF RESPONSES

10.1.1 COMMENTS ON THE SOLUTION AND LEGAL TEXT

Eight respondents agree with the proposed solution. One respondent raised a potential issue with the range of groups within the D0312 Market Message structure. This has been verified in the consolidated consultation responses. No changes have been made to the groups as a result.

10.1.2 IMPLEMENTATION APPROACH AND DATE

All respondents agreed with the implementation approach, and eight respondents agreed with the implementation date. One Party raised a concern that this change has caused a one-month delay to the progression of Change Proposal R0032 and therefore the implementation should be pushed back by one month.

11 SUMMARY OF AMENDMENTS MADE FOLLOWING CONSULTATION

No changes have been made following consultation.

12 BUSINESS CASE ASSESSMENT

12.1 COSTS

The Code Manager acknowledges there will be some costs associated with the additional changes to the solution, however non-confidential costs have not been provided by Parties for inclusion in this business case assessment.

Overall, the Service Provider cost to accommodate the changes to the approved solution is £15,000. This is in addition to the costs identified under R0032.

13 CASE FOR CHANGE

The Code Manager considers that there is a case for change on the basis that by not approving this Change Proposal, affected Market Participants would not realise the benefits of R0032.

Without this change to the approved solution for R0032, there could be significant manual work required to ensure the release cutover is effective and the ongoing processing and resending of flows is successful.

14 CODE MANAGER'S RECOMMENDATION

Based on the evidence in section 13 of this report, the Code Manager considers a positive business case can be made for implementing this solution and recommends that:

The Technical Expert Panel

- **APPROVE** the proposed change solution;
- **APPROVE** the proposed implementation approach; and
- **APPROVE** the proposed implementation date of 30 June 2023

15 RESPONSIBLE COMMITTEE DECISION

This report was discussed at the Technical Expert Panel meeting on 26 April 2023.

The TEP voted to:

- **APPROVE** the proposed change solution;
- **APPROVE** the proposed implementation approach; and
- **APPROVE** the proposed implementation date of 30 June 2023.

16 APPENDIX

CHANGE PROPOSAL	R0102 - Revision of the approved solution for R0032
LEGAL DRAFTING	Final Legal Text R0032 and R0102 Combined Legal Text
CONSOLIDATED IMPACT ASSESSMENT RESPONSES	Consolidated Impact Assessment Responses
CONSOLIDATED CONSULTATION COMMENTS AND CODE MANAGER'S RESPONSES	Consolidated Consultation Responses
RELATED CHANGE	R0032 - New Registration data items and processes to support the transition to Market-wide Half-Hourly Settlement (MHHS)

17 GLOSSARY

TERM	DEFINITION
Balancing and Settlement Code	means the Balancing and Settlement Code, as defined in the Electricity Supply Licences.
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)	Electricity Enquiry Service EES means the service described as such in the EES Service Definition.
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.

TERM	DEFINITION
Electricity Retail Data Agent (ERDA)	means a provider of a DNO's Electricity Retail Data Service.