RETAIL ENERGY CODE

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

CHANGE REPORT

R0113 – DATA SPECIFICATION UPDATES AND CLARIFICATIONS

CHANGE REPORT	FINAL
DOCUMENT VERSION	1.0
ISSUED DATE	19/07/2024
DOCUMENT APPROVAL STATUS	PRE-VOTE

RESPONSIBLE COMMITTEE	TECHNICAL EXPERT PANEL	CHANGE PATH	SELF GOVERNANCE
PRIORITY STATUS	LOW	URGENCY	STANDARD

DEADLINE FOR ALTERNATIVE CHANGE PROPOSALS	24/05/2024

LEAD CHANGE ANALYST



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CHANGE OVERVIEW

This Change Proposal seeks to fill any identified gaps or misaligned references within the Data Specification.

	High Impact: N/A
	Medium Impact: N/A
	Low Impact: All REC Parties

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CODE MANAGER'S RECOMMENDATION

The Code Manager recommends Change Proposal R0113 is **APPROVED** for implementation on **08 November 2024**.

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BACKGROUND

1 SUMMARY

It has been identified that gaps or misaligned references were transferred into the REC Data Specification at REC go-live. This Change Proposal seeks to fill these gaps and provide clarification for Parties. This will enable Parties to self-serve and reduce the risk of ambiguities in the current Data Specification resulting in incorrectly defined Market Messages.

This change will update relevant legal text in the REC Data Specification to provide clarification and alignment from previous legacy documents to Parties. This will ensure existing Parties have a consistent understanding and new entrants are able to set up their systems appropriately.

2 PROBLEM STATEMENT

There is a risk that the current ambiguities in the Data Specification could make it challenging for Parties to follow the Data Specification and result in Market Messages being sent that do not correctly reflect the rules of the Data Specification. This may result in Market Message rejections, which may have impacts for Consumers and other Market Participants.

3 USER STORIES

REF.	USER STORIES
MARKET PARTICIPANT USER STORIES	
M1	As a Market Participant, I need the Data Specification to be clear and correct to ensure my systems are set-up appropriately and Market Messages are correctly defined.
M2	As a Market Participant, I need to understand any changes to the Data Specification that may impact my business, so I can engage in the change process and plan any required changes to my systems and processes.

PROPOSAL

4 SUMMARY OF ANALYSIS UNDERTAKEN

The scope of the changes was identified through the Code Manager's internal review of the Data Specification, external feedback from REC Parties via the Technical Enquiries Helpdesk and any known legacy data issues inherited from the transition to the REC.

A webinar was held on 13 June 2024 to provide Parties with an overview of all changes within scope and the opportunity to ask questions or raise concerns about any alterations proposed prior to responding to the consultation.

5 PROPOSED SOLUTION

A high-level description of the changes to be progressed under R0113 are below.

Description of Change	Reason for inclusion
Add the rules from Data Transfer Catalogue (DTC) Annex A on where the @, _ and [] symbols can be used.	To provide clarity as to which flows these symbols can be used in.
Alignment of Message Scenario Variant Collection table with Energy Market Architecture Repository (EMAR) tables.	To make it easier for Parties to match the contents of the Standards Definition Document against the tables in EMAR.
Update the Settlement Period valid set. In the DTC, values 46, 48, 50 were allowable for ranges but the way the REC Data Specification holds the Modality/Cardinality, they show as 46-50.	To align the Data Specification in that there are no days with 47 or 49 Settlement Periods.
Provide details on how to find the valid DTC Edifact level B character set.	To point users in the direction of where to find this information.
Provide details of where to find the Edifact level B gas metering variant characters.	To point users in the direction of where to find this information.
Explain the characters used in EMAR for the message collection requirement type identifier.	To make it easier for customers to match the contents of the Standards Definition Document against the tables in EMAR.
Correct Meter Administrator.	Typo correction on EMAR and database.
Correct References to the Master Registration Agreement (MRA) across the Data Specification and flows (most instances are Balancing and Settlement Code (BSC) owned and therefore not included within R0113).	To clarify MRA references across the Data Specification.
Include a link to the published list of Prepayment Meter Infrastructure Provider (PPMIP) Supplier IDs.	To ensure PPMIP IDs are easily accessible via the REC.
Align “Appointment Time From” requirement field to that confirmed by Xoserve for data item MM40009.	Aligning the requirement to match what Xoserve has.
Correct the spelling of the word “Administrator” within the Data Specification.	Typo correction.
Align the Flow hierarchy/group-ordering shown on the REC Portal Data Specification for D0302 to the original MRA grouping.	Aligning to previous MRA guidance which was not carried into the REC.
Add in old SV footnotes to MM00043 - Notification of Change to Other Parties.	For completeness and clarity.
DI40325 - missing Data Item (DI) description.	Adding in description for completeness.
Duplicated set of enumerations for DI90013 – contextType.	Removing unnecessary data.
Update the Baseline Statement to provide clarity as to which items are associated with the Data Catalogue and remove the split of “Data Item Catalogue” and “Market Message	To provide clarity as to which Data Specification items are a subset of the Data Catalogue.

Description of Change	Reason for inclusion
Catalogue" (which is a historic DTN approach) as the REC Data Catalogue covers both Messages and Data Items in a single joint format.	
Update the EMAR Data Item tables so that the headings align with the Standards Definition Document.	To make it easier for customers to match the contents of the Standards Definition Document against the tables in EMAR.
Add Meter Product Data (MPD) List to EMAR/DN (pages exist but needs expanding with latest model codes and process needs to be implemented whenever an update has been made).	Allows customer to access applicable model codes from DN/EMAR.
Standard Definitions Document updated to apply correct Datatype Format Rule Definition for the high resolution datetime Datatype Formal Rule Name.	To provide clarity and consistency.
Add Note into DI90036 (MPID).	Note added as part of R0044/97 resolution.
Re-number the pages in the Standards Definition Document to ensure they are continuous.	For consistency and ease of reference.
DI50010	Should be - Reading Date & Time
DI50021	Should be - MD Reset Date & Time
DI50191	Should be - Manufacturers Make & Type
DI50339	Should be - Effective From Date {IAA & SVAA}
DI50346	Should be - Effective to Date {IAA & SVAA}
DI50473	Should be - Reading Date & Time in UTC
DI51076	Should be - GD Default Bill Payer - EFD
DI51103	Should be - GD Savings - Other Fuels
Instruction Number	Different descriptions. Full stop.
CT Ratio	Digital Navigator display of Data Specification contains incomplete information.
Daily CCC Corrected Supplier Consumption	Digital Navigator display of missing full stop in Data Specification.
GD Energy Payment Frequency	Digital Navigator display of descriptions has been updated.
Updating the relevant data items with relevant Edifact Level B variants reinstating pre-REC Rules for the use of the @ symbol.	Adding in rules to data items from old DTC annex A.
Updating the relevant data items with relevant Edifact Level B variants reinstating pre-REC Rules for the use of the _ character.	Adding in rules to data items from old DTC annex A.

Description of Change	Reason for inclusion
Updating the relevant data items with relevant Edifact Level B variants re-instating pre-REC Rules for the use of the [ ] characters.	Adding in rules to data items from old DTC annex A.
Add new Edifact Level B Variant to SDD to create a scenario that allows @ and _ to be used in the same data item.	Adding in new variant to allow the combination of characters to be used in items such as email addresses.
Updating the relevant data items with the new "At Underscore" variant.	Adding in variant to allow use of multiple characters in certain data items.
Add new Edifact Level B Variant to SDD to create a scenario that allows _ and [ ] to be used in the same data item.	Adding in new variant to allow the combination of characters to be used in items such as email addresses.
Updating the relevant data items with the new "Underscore Square Brackets" variant.	Adding in variant to allow use of multiple characters in certain data items.
changeOfOccupancyInd - DI90011	Update Data item to CHAR5 (Currently CHAR1).
dccServiceInd - DI90015	Update Data item to CHAR5 (Currently CHAR1).
domesticPremisesInd - DI90016	Update Data item to CHAR5 (Currently CHAR1).
erroneousSwitchResolutionInd - DI90017	Update Data item to CHAR5 (Currently CHAR1).
meteringPointMeteredInd - DI90035	Update Data item to CHAR5 (Currently CHAR1).

5.1 MARKET-WIDE HALF HOURLY SETTLEMENT IMPACTS

MHHS DESIGN	MHHS DATA SPECIFICATION	MHHS CODE DRAFTING
No impact.	The scope of R0113 has been carefully considered so that it does not impact Data Specification changes for MHHS.	The scope of R0113 has been carefully considered so that it does not directly impact code drafting related to Data Specification changes for MHHS.

6 DRAFT LEGAL TEXT

The legal text changes to deliver the proposed solution to R0113 can be found here.

7 DELIVERY AGAINST CHANGE PROPOSAL PLAN

All activity has been completed within the timescales as defined in the Change Proposal Plan. The Change Proposal Plan can be found here.

8 KEY RISKS, ASSUMPTIONS, ISSUES AND DEPENDENCIES

8.1 ASSUMPTIONS AND DEPENDENCIES

No.	ASSUMPTION	NOTES	HOW/WHEN TO VALIDATE
A01	There is an assumption that these changes will have a minimal impact on Parties.		Validated at consultation.

9 PROPOSED IMPLEMENTATION DATE AND APPROACH

PROPOSED IMPLEMENTATION DATE	08/11/2024

PROPOSED IMPLEMENTATION APPROACH	BIG BANG

The November 2024 Release is the next standard REC Release following the Responsible Committee decision and most Parties noted only minimal design/build impacts which meant this proposed Release date was achievable.

10 SUMMARY OF CONSULTATION RESPONSES

A consultation was circulated on 24 May 2024 to obtain views on the Preliminary Change report Link. In total four responses were received, two from Distribution Network Operators (DNOs), one Metering Equipment Manager (MEM) and one Energy Supplier. 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

All respondents agreed that the proposed solution addressed the problem statement and that explicit clarifications were worthwhile. No respondents believed that any of the proposed changes were required to be removed from scope, however, one DNO highlighted some useful typo corrections which will be incorporated into the final legal text. No respondents identified any MHHS impacts.

10.1.2 BENEFITS RELATIVE TO IMPLEMENTATION AND OPERATIONAL COSTS

All respondents agreed that they could identify benefits in the increased clarity R0113 would bring to the REC. Two respondents did not foresee any costs to their organisation in the implementation of the Change Proposal and one respondent only identified very low costs being incurred relating to internal documentation and process maps.

10.1.3 IMPLEMENTATION APPROACH AND DATE

Three respondents agreed with the proposed implementation date of 08 November 2024 and did not identify any elements of the proposed solution which required a six-month lead time. However, one respondent raised concerns that some Parties may require minor IT changes and that impacted Parties should be given a 6-month implementation lead time.

11 SUMMARY OF AMENDMENTS MADE FOLLOWING CONSULTATION

DOCUMENT	SECTION	AMENDMENT	REASON
Energy Market Data Specification Standards Definition Document	2.5	Removal of Edifact Level B DTS / Variant | A general character string inclusive of all Edifact Level B characters and the / character. | String	Following the webinar on 13 June 2024, the inclusion of the "/" character was queried. It was clarified that this was included erroneously when adding the other variant items (@, square brackets etc.) as it was thought there was a similar limitation on the "/" character. However, this is not the case and the "/" is already included in the Edifact Level B character set so should not have been a separate variant. The draft legal text was updated on 26 June 2024 to reflect this.
DI50334 – J0723 – Instruction Type	N/A	The addition of "in the" under the Data Item Notes heading. The Instruction Type should be populated as described in the REC. Data Flows have been added within this Valid Set for guidance. Internal Flows between MPAS and the Distributor either contain Instruction Types as defined in the REC (format DBnn), or as implemented within the Distribution Business.	Typographic correction.
DI50983 – J1657 –	N/A	The removal of spaces within the words Retail Energy Code Compan-y under the Data Item	Typographic correction.

Initiating Supplier ID		Owner heading and Strin-g under Data Type heading.	

12 BUSINESS CASE ASSESSMENT

There are no costs associated with the implementation of R0113 and no consultation responses identified any significant costs that would be incurred by their organisations.

The Code Manager believes that there is a positive business case for implementing this Change Proposal as it will provide clarification within the Data Specification and alignment with legacy arrangements. This will reduce the risk of ambiguities which could result in incorrectly defined Market Messages. It will ensure that existing Parties have a consistent understanding of the Data Specification and that new entrants can set up their systems appropriately.

13 CASE FOR CHANGE

13.1 SELF-GOVERNANCE

The Code Manager considers that there is a positive case for change to implement this Change Proposal on the basis that the proposed solution:

- Appropriately resolves the Problem Statement;
- Delivers clarity for Market Participants and aligns with legacy arrangements; and
- Is a low to no cost solution reducing the risk of incorrectly defined Market Messages.

14 CODE MANAGER'S RECOMMENDATION

The Code Manager recommends that the Technical Expert Panel:

- **APPROVE** the proposed change solution;
- **APPROVE** the proposed implementation approach; and
- **APPROVE** the proposed implementation date of **08 November 2024**.

15 APPENDIX

CHANGE PROPOSAL	Link
LEGAL DRAFTING	Link
CONSOLIDATED CONSULTATION COMMENTS AND CODE MANAGER'S RESPONSES	Link
ANY OTHER DOCUMENTS / LINKS	Legal Text Guide

TERM	DEFINITION
Balancing and Settlement Code (BSC)	means the Balancing and Settlement Code, as defined in the Electricity Supply Licences.
Data Catalogue	means the catalogue of data flows, data definitions and data formats as approved and defined under the REC Data Specification, Annex C: Energy Market Data Item Catalogue.
Data Specification	means the document of that name forming part of the Technical Specification.
Data Transfer Network (DTN)	has the meaning given to that expression in the Data Transfer Services Agreement.
Distribution Network Operator (DNO)	means a person holding an Electricity Distribution Licence.
Energy Market Architecture Repository (EMAR)	means the repository containing obligations, business rules and processes for this Code and data specifications for this Code and other Energy Codes.
Energy Supplier	means a person which is either or both an Electricity Supplier and/or a Gas Supplier.
Market Message	means a structured communication sent between two Market Participants in the form and with the content required (and as otherwise specified) by the Data Specification.
Market Participant	means a participant in either or both of the gas and electricity markets of Great Britain, each of which is identified by a Market Participant Role.
Market Participant Identifier (MPID)	means the unique identifier by which a Market Participant is identified.
Master Registration Agreement (MRA)	means the Master Registration Agreement referred to in the Electricity Supply Licences.
Party	means, from time to time, an Original Party or a New Party that has not at that time ceased to be a Party in accordance with Clause 17 of the main body of this Code.
Metering 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.
Prepayment Meter Infrastructure Provider (PPMIP)	means, for each Energy Supplier and fuel, the contracted service provider for prepayment services to support that Energy Supplier's Prepayment Meters for that fuel.

REC Baseline Statement	means the document of that name setting out: a) a list of documents that make up the Code and the Responsible Committee for approving changes to each document; and b) a list of Category 3 products and the Responsible Provider responsible for maintaining each product.