RETAIL ENERGY CODE

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

INITIAL ASSESSMENT REPORT

R0113 – DATA SPECIFICATION UPDATES AND CLARIFICATIONS

DOCUMENT VERSION	V1.0
DATE ISSUED	10/05/2024
DOCUMENT APPROVAL STATUS	NOT YET APPROVED

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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1 BACKGROUND

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.

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 spec.	Typo correction.

Description of Change	Reason for inclusion
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 Catalogue” (which is a historic DTN approach) as the REC Data Catalogue covers both Messages and Data Items in a single joint format.	To provide clarity as to which Data Specification items are a subset of the Data Catalogue.
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.
Adding in the "/" character as an acceptable character under the REC to reinstate what was previously allowed under the Data Transfer Service (DTS).	To add pre-REC rules back in.
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

Description of Change	Reason for inclusion
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.
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).

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.

4 IMPACTS

RECCO / REC CODE MANAGER	REC PARTIES AND SERVICE USERS	REC DOCUMENTS / PRODUCTS
The Code Manager (REC Technical Services)	All REC Parties	Data Specification

This change does not look to have any material impact on Parties, only to provide further context and clarification to users.

4.1 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.

5 CROSS CODE IMPACTS

No cross-code impacts have been identified.

6 PRIORITY STATUS AND URGENCY

Category	Significance / Resource impacts / Urgency	Further selection / breakdown	Score (0-3)	Weighting	Weighted Score
Impacts	Consumer Impact	Indirect	0	27	0
	Retail Markets Impact	Retail Risk(s)	0	17	0
	RECCo / REC Party / REC Service Provider Impact	Operational Effectiveness and Efficiencies	1	7	7
		Legal and Regulatory Compliance	1	14	14
Resource	Complexity / Effort / Duration		3	9	28
Strategic Alignment	Contribution to/ Alignment with the objectives of the REC		1	17	8
	Contribution to/ Alignment with RECCo's Forward Work Plan		0		0
Urgency *(The need to progress a change to meet a targeted date)*		Other Planned Activity	0	10	0
				Overall Priority Score (rounded)	57

Priority Status	LOW
Change Proposal Type	STANDARD

R0113 has a low priority score of 57 and an urgency score of 0.

A score of 1 was provided for Operational Effectiveness and Efficiencies and Legal and Regulatory Compliance as these changes will provide clarity for Parties to ensure operational effectiveness and to meet their obligations.

This change has a fully formed solution and therefore a score of 3 was provided for Resource.

A score of 1 was provided for Contribution to/alignment with REC Objectives as R0113 drives continuous improvement and efficiencies with its central systems and communication infrastructure.

7 SUMMARY OF CHANGE PROPOSAL PLAN

The Code Manager intends to proceed directly to Preliminary Change Report and Consultation as these changes should have minimal impact on Parties, will not require any significant design/build work and will provide useful clarity. As R0113 incorporates a significant amount of change, the plan allows for an extended Consultation window to allow for Party engagement via a workshop or similar. The Consultation period will be used to validate the Code Manager's assumption that the changes will have minimal impact on Parties and to understand whether a 6-month lead time is required.

Following Consultation, the Final Change Report will be published on 24 July 2024 in preparation for decision by the Technical Expert Panel on 30 July 2024.

	FROM	TO
PRELIMINARY CHANGE REPORT AND CONSULTATION ISSUED	24/05/2024	24/05/2024
CONSULTATION	24/05/2024	05/07/2024
FINAL CHANGE REPORT ISSUED	24/07/2024	24/07/2024
RESPONSIBLE COMMITTEE DECISION	31/07/2024	31/07/2024
APPEAL WINDOW CLOSURE	13/08/2024	13/08/2024

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8 GLOSSARY

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.
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.
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.
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.