RETAIL ENERGY CODE

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

INITIAL ASSESSMENT REPORT

R0083 – CHANGES TO SUPPLY NUMBER FORMAT FOR MHHS

R0083A – CHANGES TO SUPPLY NUMBER FORMAT FOR MHHS (ALTERNATIVE)

DOCUMENT VERSION	V2.0
DATE ISSUED	22/02/2023
DOCUMENT APPROVAL STATUS	APPROVED

RESPONSIBLE COMMITTEE	CHANGE PANEL	**CHANGE PATH**	AUTHORITY DETERMINED
PRIORITY STATUS	HIGH	**URGENCY**	STANDARD

DEADLINE FOR ALTERNATIVE CHANGE PROPOSALS	25/05/2023

LEAD CHANGE ANALYST



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CHANGE OVERVIEW

R0083 seeks to replace the Data Items which make up the top line of the Supply Number format, to accommodate that the existing Data Items will no longer be available under the new Market-wide Half Hourly Settlement design. R0083A seeks to remove the top line.

	High Impact: Electricity Suppliers Electricity Consumers
	Medium Impact: Third Party Intermediaries Electricity Enquiry Service Provider
	Low Impact: Distribution Network Operators

1 BACKGROUND

The Electricity Supply Licence requires Suppliers, under Standard Licence Condition (SLC) 20.4, SLC 31G.8 and SLC 31H.4, to provide the Supply Number to each Consumer on every bill, or at least once per year where no bill has been sent. The Supply Number format is prescribed by the REC and is detailed in the Data Specification.

The current format of the Supply Number includes:

- a top line, consisting of the Profile Class Id, Meter Timeswitch Code (MTC) and Line Loss Factor Class (LLFC) Id; (which are Balancing & Settlement Code owned data items, and
- a bottom line, which sets out the Meter Point Administration Number (MPAN), comprising the Distributor Id, a Unique Reference number and a Check Digit.

The Market-wide Half Hourly Settlement (MHHS) design is removing the use of Profile Classes (except for legacy non-Smart Meters) and the MTCs and separating the LLFC Id, to create a new Line Loss Factor (LLF) Id and Distribution Use of System Charge (DUoS) Tariff Id.

As part of its MHHS Programme of work, RECCo and the Code Manager issued a consultation in October 2022, to obtain views from Market participants on a revised approach to populating the Supply Number on Consumer bills and statements.

Twelve responses were received from Electricity Suppliers, Distribution Network Operators (DNOs) and Meter Administrators. A summary of responses to the consultation can be found here.

Through the consultation there was no clear view from industry on a preference as to how the Supply Number should be changed. As such, R0083 and an alternative, R0083A, have been raised. The progression of the two separate Change Proposals will allow the Code Manager to clearly assess the support and rationale for each proposal, and for the Authority to consider which of these proposals better facilitates the REC objectives. R0083 proposes to replace the Data Items that are used to populate the top line of the Supply Number before the MHHS Design takes effect. The alternative, R0083A, looks to completely remove the top line of the Supply Number. The two Change Proposals will be progressed together.

2 PROBLEM STATEMENT

The Market-wide Half Hourly Settlement design is impacting the Data Items that are used in the top line of the Supply Number, which Energy Suppliers are obliged to provide to Consumers at least once a year under their Licence. A revised definition of the Supply Number format is required so that Electricity Suppliers have a clear understanding of the approach to populating the Supply Number for metering points that have migrated to the new MHHS arrangements.

3 USER STORIES

REF.	USER STORIES
CONSUMER USER STORIES	
C1	As an electricity Consumer I want to be able to provide my prospective Energy Supplier with the necessary information for them to provide a suitable tariff
C3	As a Non-Domestic Consumer, I want to have the necessary information that will allow me to access tariff information, specific to my business, to help me manage my energy
C4	As an electricity Consumer, I want to have access to the data that will help me appoint my own Metering Equipment Manager (MEM) where permitted
MARKET PARTICIPANT USER STORIES	
M1	As a Supplier, I want to know how to populate and format the Supply Number, so that I can meet my obligations to include it in Consumer bills or statements
M2	As an independent Distribution Network Operator, I want to be able to identify and use the DUoS Tariff Id so that I can provide transparency on charging that is being applied to my customers
M3	As the Electricity Enquiry Service (EES) Provider, I want to know how to populate the Supply Number so that I can make it available on the EES
M4	As a Third Party Intermediary (TPI), I want Consumers to be able to provide me with the right information to provide appropriate quotes

4 IMPACTS

CONSUMERS
Electricity – Domestic
Electricity – Non-Domestic

REC SERVICE PROVIDERS
Electricity Enquiry Service Provider

REC DOCUMENTS / PRODUCTS
Data Specification – Supply Number Format

REC PARTIES AND SERVICE USERS
Electricity Suppliers
Distribution Network Operators
Electricity Enquiry Service Users
Third Party Intermediaries

All electricity Consumers are impacted by these changes as the Supply Number is provided to all Consumers at least once a year and they will see a change to its format. The primary use of

the information in the top line by Domestic Consumers has been to provide it when they are looking to switch Supplier. The Supply Number also includes the MPAN which Consumers provide to their DNOs so their Supplier can be identified during contact or an issue, so that the DNO can find the best resolution.

Electricity Suppliers will need to update their systems to change how the Supply Number is populated – the level of impact will depend on whether the top line is amended or removed. It is likely that there will be a greater system impact if the structure of the Supply Number changes through the removal of the top line.

Electricity Suppliers and TPIs use the Supply Number, including the top line information, provided by Consumers in order to provide a quote to them when they are looking to switch supply.

Consumers may use the top line information from their Supply Number to determine who is suitable to be their MEM if they wish to appoint them directly. For larger, Non-Domestic consumers the LLFC Id also provides transparency of their applicable DUoS tariff.

The solution, for either Change Proposal, will require an update to the format of the Supply Number, which is defined in the REC Data Specification. It can be found within Energy Market Architecture Repository (EMAR), here.

The Supply Number is displayed within the EES and there will be impacts to enable the new format to be applied. However, the consequential changes to EES from the MHHS design are being managed through the MHHS programme and will not be included in this Change Proposal's solution. Close engagement will be maintained with the RECCo MHHS team to ensure both solutions are aligned.

The Code Manager recognises that following the move to the new MHHS Target Operating Model (TOM) some traditional meters will remain. This will be taken into consideration during solution development to ensure that the arrangements for these meters remain appropriate.

5 CROSS CODE IMPACTS

These Change Proposals are required as a direct result of the Electricity Settlement Reform Significant Code Review (SCR) for MHHS. It will need to be implemented no later than the other changes required for MHHS.

6 CHANGE PATH AND RESPONSIBLE COMMITTEE

CHANGE PATH	AUTHORITY DETERMINATION

RESPONSIBLE COMMITTEE	CHANGE PANEL

The Change Proposals impact the Supply Number format document within the Data Specification. This document comes under the responsibility of the REC Change Panel and therefore it should be the Responsible Committee for any decision. The close link with the Supplier Licence means that the solution will have a direct influence on Suppliers' ability to

meet their licence obligations. The Code Manager has therefore determined that this should be Authority determined.

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	0	15	0
	RECCo / REC Party / REC Service Provider Impact	Operational Effectiveness and Efficiencies	1	5	5
		Legal and Regulatory Compliance	2	13	25
Resource	Complexity / Effort / Duration		2	8	15
Strategic Alignment	Contribution to/ Alignment with the objectives of the REC		1	15	8
	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	2	20	40
				Overall Priority Score (rounded)	158

Priority Status	HIGH
Change Proposal Type	STANDARD

The Priority Status for this Change Proposal is 'High' based on a weighted prioritisation score of 158. This is broken down as below:

Impact:

- Consumer – a score of 2 to reflect the moderate impact the change will have on Consumers having appropriate information available to them within the Supply Number that is provided on their bills or statements
- REC Operational Effectiveness – a score of 1 to reflect the minimal impact the change will have on maintaining the Supply Number as fit for purpose following the removal of the Data Items currently used in the top line of the Supply Number
- REC Party Legal and Regulatory Compliance - a score of 2 to reflect the moderate impact the change will have on Suppliers' ability to provide the Supply Number to Consumers under their licence obligations

Resource:

- A score of 2 - this is a standard change that needs solution development and impact assessment, consequently it is likely to take between six and ten months to reach the decision point

Strategic alignment:

- Objectives of the REC – a score of 1 due to the minimal contribution to 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 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 consumer can benefit from them

Urgency:

- This Change Proposal has been given an urgency score of 2 against a Significant Code Review to reflect the need for it to be progressed within the next 3 months for it to achieve a timetable that will result in development and implementation that fits with MHHS dependencies

8 SUMMARY OF CHANGE PROPOSAL PLAN

A Change Proposal Plan has been developed that includes time for analysis, solution development, assessment, and consultation for both R0083 and its alternative R0083A.

The plan allows for engagement with the RECCo MHHS team, Ofgem and industry stakeholders. The plan includes a standard Party impact assessment and a standard consultation period of 15 Working Days. A final assessment will be taken to the Change Panel for a recommendation to be provided to the Authority for its determination.

	FROM	TO
SOLUTION ANALYSIS AND DEVELOPMENT	01/02/2023	31/03/2023
PARTY IMPACT ASSESSMENT	06/04/2023	02/05/2023
PRELIMINARY CHANGE REPORT ISSUED	25/05/2023	25/05/2023
RESPONSIBLE COMMITTEE REVIEW	06/06/2023	06/06/2023
CONSULTATION	09/06/2023	30/06/2023
FINAL CHANGE REPORT ISSUED	21/07/2023	21/07/2023
RESPONSIBLE COMMITTEE DECISION	01/08/2023	01/08/2023
AUTHORITY DETERMINATION REQUESTED	03/08/2023	03/08/2023

9 GLOSSARY

TERM	DEFINITION
Data Item	means the most granular level of data defining a specific attribute in respect of a data type, the permissible values for which are defined and controlled in the Data Item Catalogue.
Data Specification	means the document of that name forming part of the Technical Specification.

Distribution Network Operator (DNO)	means a person holding an Electricity Distribution Licence.
Distribution Use of System Charge (DUoS)	means a DNO's distribution use of system charges as defined within DCUSA.
Electricity Enquiry Service (EES)	means the service described as such in the EES Service Definition.
EES Provider	means the provider of the Electricity Enquiry Service.
EES User	means a Party or Non-Party REC Service User which is entitled to use the EES under the Data Access Schedule.
Electricity Supplier	means a person holding an Electricity Supply Licence.
Electricity Supply Licence	means an electricity supply licence under the Electricity Act.
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.
Line Loss Factor (LLF)	BSC Definition: Means a multiplier which, when applied to data from a CVA Metering System connected to a Boundary Point on a Distribution System, converts such data into an equivalent value at the Transmission System Boundary.
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.
Meter Administrators	means the person Appointed by an Electricity Supplier to calculate estimated energy consumption for an Unmetered Supply, as further described in the Balancing and Settlement Code.
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.
Profile Class (PC)	BSC Definition: A classification of profiles which represents an exclusive category of customers whose Consumption can be reasonably approximated to a common profile for Settlement purposes; defined in Annex X-2.
Significant Code Review (SCR)	means a review of one or more matters by the Authority which the Authority considers is: (a) related to this Code (whether on its own or together with other Energy Code(s)); and (b) 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.
Supply Number	has the meaning given in the Data Specification.
Third Party Intermediary	means a broker or introducer acting between Consumers and Energy Suppliers, including Price Comparison Websites.