RETAIL ENERGY CODE

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

CHANGE REPORT

R0083 – CHANGES TO SUPPLY NUMBER FORMAT FOR MHHS

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

CHANGE REPORT	FINAL
DOCUMENT VERSION	2.0
ISSUED DATE	02/08/2023
DOCUMENT APPROVAL STATUS	POST-VOTE

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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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.

TECHNICAL LEAD

Ryan Dale

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

RESPONSIBLE COMMITTEE DECISION

On 01 August 2023, the Change Panel voted to recommend that Change Proposal R0083 is **APPROVED**, and R0083A is **REJECTED,** for implementation on the date that is determined by the MHHS Programme for its Milestone: M8 'Code changes delivered'**.**

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RETAIL ENERGY CODE

BACKGROUND

1 BACKGROUND

The Electricity Supply Licence requires Energy 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 Supply Licence obligations. 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

PROPOSAL

4 SUMMARY OF ANALYSIS UNDERTAKEN

R0083 and R0083A were raised without fully formed solutions, therefore, a period of solution analysis and development was required. Building on the consultation responses previously submitted, the Code Manager engaged with Ofgem, RECCo and other industry stakeholders, including REC Parties and non-Parties who might be impacted by the change.

Third Party Intermediaries were targeted to provide input to requirements and raise awareness of the Change Proposals. Nine TPI organisations responded to the informal request for information.

The Code Manager also presented the Change Proposals at the Industrial & Commercial Shippers and Suppliers (ICoSS) group meeting on 09 March 2023, which had been extended to the industrial and commercial MHHS constituency in addition to regular members. This session provided further opportunity for input into requirements.

5 ORIGINAL CHANGE PROPOSAL – R0083

5.1 SOLUTION OPTIONS 1 AND 2

Two options were provided for Party impact assessment under R0083, to amend the Supply Number Format top line:

- Option 1 looked to maintain three data items in the top line, maintaining the Profile Class but replacing two of the existing data items.
- Option 2 looked to amend the top line to have five data items, maintaining the Profile Class, replacing two data items and adding a further two data items.

Further information can be found in the 'R0083 and 83A Solutions Option Paper v1.0' here.

5.2 DRAFT LEGAL TEXT

The legal text changes to deliver the proposed solution to R0083, as drafted for the impact assessment, can be found here.

The draft legal text makes the required amendments to the Supply Number Format within the Data Specification and reflects the change in data items to be used as well as the approach to their population.

The draft legal text also includes minor corrections to address typographical errors in paragraphs 1, 3 and 4.

5.3 PROPOSED IMPLEMENTATION DATE AND APPROACH

PROPOSED IMPLEMENTATION DATE	On the date that is determined by the MHHS Programme for its Milestone: M8 'Code changes delivered'	**PROPOSED IMPLEMENTATION APPROACH**	BIG BANG

Implementation for both solution options under R0083 target alignment with MHHS go-live (Milestone M8 - Code Changes delivered) and are to be effective immediately for all MPANs. The alignment with Milestone M8 minimises the complexity for release management across the industry by avoiding the need for multiple releases close to the MHHS go-live when both central system (M10) and code (M8) changes will be implemented.

The MHHS programme plan can be found on the MHHS Programme website planning pages by following the link, here. The baselined plan sets Milestone M8 'Code changes delivered' as 07 March 2025.

The solution has been developed so that it can be used during the migration period, for migrated and non-migrated MPANs, whilst the existing industry arrangements and new MHHS requirements operate in parallel, and in the enduring MHHS arrangements.

6 ALTERNATIVE CHANGE PROPOSAL – R0083A

6.1 SOLUTION OPTION 3

The proposed solution for R0083A was presented as Option 3 for Party impact assessment. Under this option, only the bottom line of the S Number would remain, effectively only providing

the MPAN. This would allow a consistent approach to be applied across all electricity Metering Points and would align to the existing gas requirements around the provision of the Meter Point Reference Number (MPRN).

Further information can be found in the 'R0083 and 83A Solutions Option Paper v1.0' here.

6.2 DRAFT LEGAL TEXT

The legal text changes to deliver the proposed solution to R0083A can be found here.

They make the required amendments to the Supply Number Format within the Data Specification, removing the top line of data items.

The draft legal text also includes minor corrections to address typographical errors in paragraphs 1, 3 and 4.

6.3 PROPOSED IMPLEMENTATION DATE AND APPROACH

PROPOSED IMPLEMENTATION DATE	On the date that is determined by the MHHS Programme for its Milestone: M8 'Code changes delivered'

PROPOSED IMPLEMENTATION APPROACH	BIG BANG

Implementation of this solution option is proposed to be aligned to MHHS go-live (Milestone M8 - Code Changes delivered), to be effective immediately for all MPANs. The alignment with Milestone M8 minimises the complexity for release management across the industry by avoiding the need for multiple releases close to the MHHS go-live when both central system (M10) and code (M8) changes will be implemented.

The MHHS programme plan can be found on the MHHS Programme website planning pages by following the link, here. The current baselined plan sets Milestone M8 'Code changes delivered' as 07 March 2025.

7 SUMMARY OF IMPACT ASSESSMENT ACTIVITY

7.1 REC PARTY IMPACT ASSESSMENTS

A REC Party Impact Assessment, targeting all Electricity REC Party and non-Party stakeholders was published on the 06 April 2023:

- Eleven responses were received representing views from and Suppliers, DNOs and TPIs
- Four responses were confidential in their entirety, and three had confidential elements

The confidential responses will not be published; however, these have been considered in the Code Manager assessment. All costs were provided in confidence.

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

ENERGY SUPPLIERS	• Four Suppliers support retention of the top line due to continued use in business processes and de-risking the Switching process. • Two Suppliers support removing the top line all together due to no longer using the top line in business processes, data being available from other sources and potential for the Supply Number becoming out of date from the date of populating. • One Supplier suggested an alternative option to remove the top line and not specify the format of the Supply Number. • One Supplier called out they would prefer Market Segment rather than SSC as the middle data item in Option 1. • One Supplier noted that only Option 2 provides an identifier pre- and post-migration to identify where they are obligated to install Advanced Meters. • No challenges to the legal text for any solution option; one suggestion that the number of zeros should be specified for each data item. • Costs were identified by Suppliers for all solution options, with Option 2 having the greatest cost impact and Option 3 the least. • Lead times of 3 to 12 months indicated by Suppliers for all three options, with support for alignment with MHHS programme milestones. • One Supplier preferred implementation to be tied to the start of migration (M11) rather than M8.
DISTRIBUTION NETWORK OPERATORS	• Two DNOs support retention of the top line, both supporting Option 2. • One DNO supports removing the top line altogether to remove complexity from the change implemented. • No alternative solutions were suggested. • No challenges to the legal text for any solution option. • Limited or no costs were identified, where specified Option 2 had the greatest cost impact and Option 3 the least. • Lead times up to 6 months indicated for Option 1. • Minimum lead time of 6 months indicated for Option 2. • Minimal or no lead times indicated for Option 3. • One DNO challenged that Option 2 should only be implemented at the end of transition. • Support for implementation aligned to M8 for Option 1 and 3.

THIRD PARTY INTERMEDIARIES	• Two price comparison organisations (TPIs) support retention of the top line, both preferring Option 1 • No alternative solutions were suggested. • No challenges to the legal text for any solution option. • One TPI identified cost impacts, which would be the same for all solutions. • Unable to respond on implementation approach as unfamiliar with the MHHS programme plan.

8 PROPOSED SOLUTIONS FOR CONSULTATION

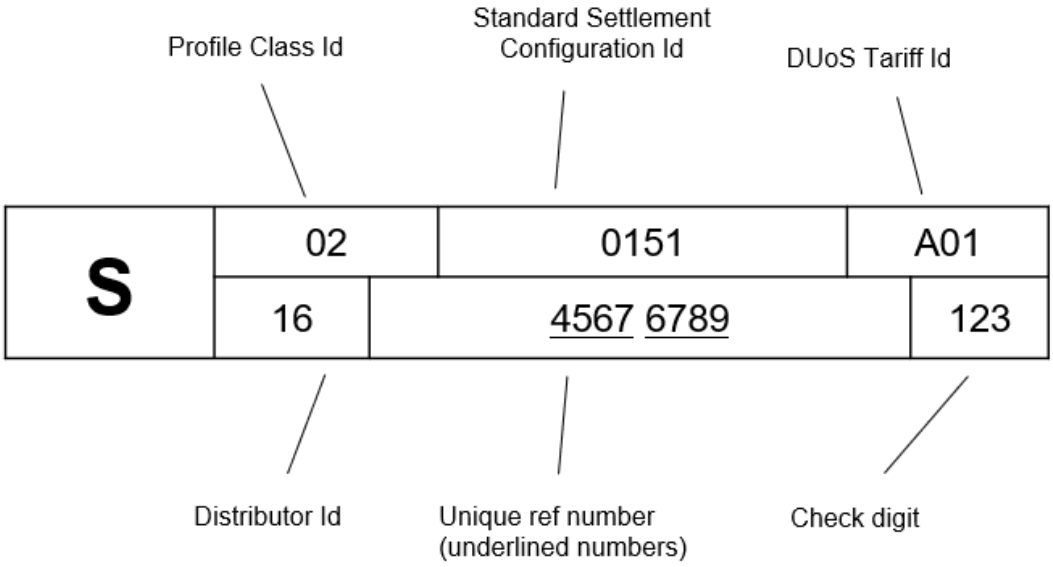
8.1 PROPOSED SOLUTION FOR ORIGINAL CHANGE PROPOSAL - R0083

Party impact assessment responses provided a clear preference for Option 1 if the top line was to remain. Primarily across Suppliers and TPIs, continued provision of the Supply Number is considered to have value for their own business processes, Consumer identification of charging tariffs and support for the Switching process. However, the preference is to minimise the complexity of the change and therefore limit the implementation impact.

Responses provided limited information on how Parties will use the Data Items available under MHHS, particularly how they will adapt their pricing and quoting strategies. The Code Manager recognises that the industry may not be ready to indicate what will be needed in the top line in the future after MHHS is implemented if it is required at all. The Code Manager therefore does not have the appropriate evidence to justify taking forward the more complex change under Option 2, which Parties have indicated would incur greater implementation cost and will require more complex explanation to Consumers.

The proposed solution that the Code Manager is taking forward to consultation is Option 1, as it has been presented for impact assessment. The solution documentation has, however, been enhanced to provide greater clarity on the approach to implementation.

The following example has been included for illustrative purposes:



The Code Manager has considered the concerns raised and has concluded the following:

- Ensuring the timing of communications on the Supply Number are aligned to those for migration can be achieved due to the proximity of the M8 and M11 milestone dates, which are expected to be March and April 2025.[1]
- Implementation of the Supply Number Format at the end of transition would not address the problem statement, as it does not provide a solution for completing the Supply Number for migrated MPANs.

The Code Manager therefore does not intend to vary the proposed implementation date from MHHS Milestone M8.

Full details of the proposed solution can be found in the 'Proposed Solution for R0083 v1.0' here.

8.1.1 DRAFT LEGAL TEXT

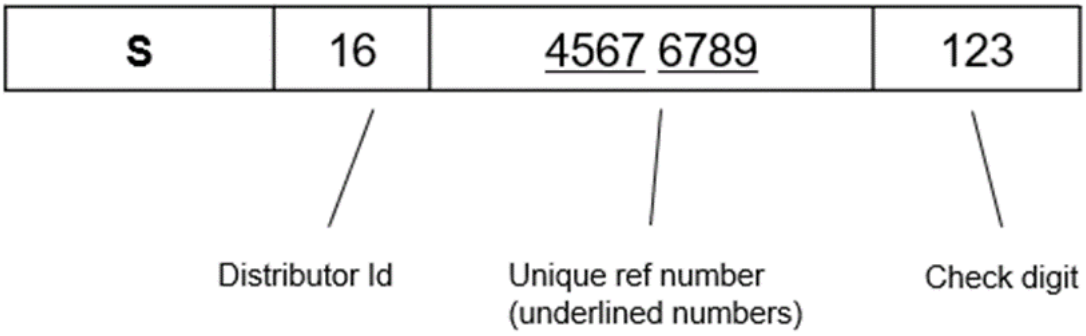
The draft legal text has been updated to include an additional example to demonstrate where data items are not applicable. The updated version of the draft legal text for R0083 can be found here.

8.2 PROPOSED SOLUTION FOR ALTERNATIVE CHANGE PROPOSAL - R0083A

The proposed solution for R0083A remains unchanged following impact assessment.

The following example has been included for illustrative purposes:

[1] Conditional approval of 'CR022: MHHS Programme Re-plan', which sets out the dates of all MHHS Milestones was given by the MHHS Programme Steering Group on 12 May 2023. Further information can be found on the MHHS Programme Planning page



There have been no challenges to the proposed implementation date and it remains as MHHS Milestone M8.

Full details of the proposed solution can be found in the 'Proposed Solution for R0083A v2.0' here.

9 DELIVERY AGAINST CHANGE PROPOSAL PLAN

The Preliminary Change Report was due on 25 May 2023, however, it was not published until 26 May 2023. All other activity has been completed within the planned timescales.

The Change Proposal Plan can be found here.

10 KEY RISKS, ASSUMPTIONS, ISSUES AND DEPENDENCIES

10.1 RISKS AND ISSUES

No.	RISK	NOTES	MITIGATION
R0083A.CR.R001	Risk of increase in Switch errors or failures through misidentification of meter types by Consumers		Use of central and Party systems to source data items based on MPAN provided by Consumer
R0083/A.CR.R002	Risk that the removal of the data items from industry by the MHHS programme will have an impact on the settlement arrangements for legacy meters that cannot migrate over to the MHHS arrangements	This has been raised during the change process for R0083 and R0083A, but is out of scope for these change proposals	The Code Manager to facilitate the concerns being raised into the MHHS programme

No.	ISSUE	NOTES	HOW TO PROGRESS
R0083/A.CR.I001	Suppliers do not have clarity on how the obligation to install Advanced Meters, under licence condition 12.17, will apply within the new MHHS arrangements when Profile Classes 05-08 are no longer applicable	The Supply Licence uses Profile Classes as an indicator of when Advanced Meters are required, Parties raised concerns regarding the future identification when Profile Class information is removed	The Authority to note regarding the issue

10.2 ASSUMPTIONS AND DEPENDENCIES

No.	ASSUMPTION	NOTES	HOW/WHEN TO VALIDATE
R0083/A.CPP.A003	R0083 and R0083A solutions do not need to include the required changes to the display of the Supply Number and associated impact assessments in the EES, as these are being delivered under the REC MHHS project	The Supply Number is displayed in the EES. The consequential changes to the EES are being managed through the REC MHHS project to meet MHHS programme requirements	Closed – requirement inclusion under MHHS RECCo project is confirmed
R0083.CR.A004	The majority of MPANs will no longer have a Profile Class following migration to MHHS	Only Profile Classes 02 and 04 will be valid under MHHS	Closed – MHHS design baselined
R0083/A.CR.A005	Neither R0083 nor R0083A seek to change the availability of data items within central systems, for example MPRS or EES	The Change Proposals only look to amend which data items are displayed within the Supply number. Any change to data item availability is driven by the MHHS programme	Closed

No.	DEPENDENCY	NOTES	STATUS
R0083.CPP.D001	Completion of the EES MHHS Design Build Test (DBT) milestones is dependent on the solution confirmed under R0083 or R0083A	EES DBT will conclude by the end of October 2023 at the latest	Closed

11 SUMMARY OF CONSULTATION RESPONSES

A consultation was circulated on 09 June 2023 to obtain views on the Preliminary Change report, Link. In total 10 responses were received from Suppliers and DNOs, one of which was confidential. The responses have been consolidated and comments provided by the Code Manager. These can be found here.

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

11.1 USE OF THE TOP LINE DIRECTLY FROM THE BILL/ANNUAL STATEMENT

The majority of responses indicated that the top line data items are not requested from customers by referencing their bill. Some Suppliers, however, did confirm that they ask customers to refer to the bill, including for query resolution or verification purposes. Those respondents that are currently relying on the bill or annual statement, did not believe that alternative sources would always be appropriate.

11.2 R0083: COMMENTS ON THE SOLUTION AND LEGAL TEXT

The majority of responses agreed that the proposed solution addressed the problem statement. Responses that were not in support reflected disagreement with the solution itself rather than the solution not meeting the problem statement.

Responses that were in support believed the solution continued to provide beneficial information for the Domestic and non-Domestic market quoting and business processes. Those who were not in support believed the information can be sourced elsewhere – for example, via the Electricity Enquiry Service or their own systems – and it addresses a non-Domestic problem and is not relevant to the Domestic market.

All responses provided agreed that the legal text appropriately reflected the solution. One requested further clarification on the number of zeros to be used.

11.3 R0083: IMPLEMENTATION APPROACH AND DATE

The majority of responses supported the proposed implementation. One response, although in agreement, suggested that M11/M12 – the start of migration – was a more appropriate implementation date. Another disagreed on the basis that the implementation date should be tied to the date when all parties must be ready to operate in the new MHHS arrangements (M14) so that those who are not ready at the point of the central MHHS Go-Live are not at a disadvantage.

11.4 R0083A: COMMENTS ON THE SOLUTION AND LEGAL TEXT

The majority of responses agreed that the proposed solution addressed the problem statement. Three of the supporting responses, included the caveat that although the problem statement is addressed by the R0083A solution, it is the not their preferred solution. Three responses disagreed on the basis that the information that some organisations require will no longer be available.

All responses provided agreed that the legal text appropriately reflected the solution.

11.5 R0083A: IMPLEMENTATION APPROACH AND DATE

The majority of responses supported the proposed implementation. Whilst one response agreed, it suggested that M11/M12 (the start of migration) is a more appropriate implementation date. One response disagreed on the basis that the implementation date should be tied to the date when all parties must be ready to operate in the new MHHS arrangements (M14) so that those who are not ready at the point of the central MHHS Go-Live are not at a disadvantage.

11.6 CASE FOR CHANGE AND CODE MANAGER'S RECOMMENDATION

The majority of responses agreed with the Code Manager's recommendation based on the Business Case assessment and the Case for Change. Responders recognised the value of the top line information to some parties, so supported the solution option that retained those elements. All of those that disagreed do not believe there is a case for maintaining the top line and therefore support R0083A as the preferred solution.

Two responses that did not support the Code Manager recommendation noted that the change should have gone further and removed the structure completely and only the MPAN should be provided.

12 SUMMARY OF AMENDMENTS MADE FOLLOWING CONSULTATION

All responses have been considered by the Code Manager. There have been no updates to the proposed solutions as a result of the responses received. Where detailed responses do not support the proposed solutions, or the Code Manager recommendation, the Code Manager has provided rationale as to why the Code Manager position has not changed.

DOCUMENT	SECTION	AMENDMENT	REASON
Final Change Report	5.3/6.3	MHHS programme planning link provided	Enduring reference to accommodate milestone date changes
Final Change Report	8.1	Addition of no change to proposed implementation date for R0083 following impact assessment	Increased clarity identified by Code Manager
Final Change Report	13.2	Refinement of benefit descriptions	Increased clarity
Implementation Guidance	n/a	New document	Increased clarity identified by Code Manager

13 BUSINESS CASE ASSESSMENT

13.1 COSTS

ORIGINAL – R0083	DESIGN/ DEVELOPMENT & IMPLEMENTATIONS COSTS	ONGOING OPERATIONAL COSTS
OPTION 1 PARTIES & TPIs	£334K TO £634K	£5K PER ANNUM
OPTION 2 PARTIES & TPIs	£562K TO £912K	£5K PER ANNUM

ALTERNATIVE – R0083A	DESIGN/ DEVELOPMENT & IMPLEMENTATIONS COSTS	ONGOING OPERATIONAL COSTS
PARTIES & TPIs	£232K TO £432K	£5K PER ANNUM

The costs presented above are based on those provided in confidence by two Suppliers, three DNOs and one TPI. This represents a total cost for only those who responded to the Party impact assessment. An additional two Suppliers confirmed that there would be costs to deliver the changes but no ongoing costs. Across all responses Option 2 had higher costs. The Code Manager assumes that there would be similar cost impacts to other Suppliers, DNOs and TPIs, however these are not represented in the above.

No costs have been identified for either the original or alternative Change Proposal for the Code Manager or REC Service Providers.

The associated cost impacts for the update that will be required in EES to display the Supply Number correctly are included within the MHHS EES delivery as part of the wider set of EES changes required for MHHS.

13.2 BENEFITS

This is a consequential change from the MHHS design and is linked to the successful implementation and ongoing operation of MHHS.

No benefits have been identified for this Change Proposal that are quantifiable and measurable.

INTANGIBLE BENEFITS ORIGINAL – R0083	BENEFITS DESCRIPTION
SUPPLY LICENCE AND REC OBLIGATIONS	Without R0083 or R0083A, it will not be clear to Suppliers how to comply with the Supply Number format for migrated MPANs. By providing a new format, Suppliers will be able to publish information in the Supply Number that supports compliance with both the Supply Licence and the REC.
CONSUMER SWITCHING	R0083 maintains the Consumer Switching experience by continuing to provide visibility of data items that industry participants use to identify suitable tariffs for Consumers.
MHHS PROGRAMME	Implementation of R0083 will support the transition to MHHS, by updating the Supply Number format to align with data that will be used in MHHS, ensuring the industry arrangements are consistent.

INTANGIBLE BENEFITS ALTERNATIVE – R0083A	BENEFITS DESCRIPTION
SUPPLY LICENCE AND REC OBLIGATIONS	Without R0083 or R0083A, it will not be clear to Suppliers how to comply with the Supply Number format for migrated MPANs. By providing a new format, Suppliers will be able to publish information in the Supply Number that supports compliance with both the Supply Licence and the REC. R0083A will simplify meeting the obligation compared to R0083 and aligns more closely to the provision of the gas MPRN.
MHHS PROGRAMME	Implementation of R0083A will support the transition to MHHS, by updating the REC to address the consequential MHHS design impacts and ensuring the industry arrangements remain aligned.

13.3 COST BENEFIT ANALYSIS SUMMARY

Industry Parties expect to incur costs in implementing this change, primarily for Suppliers in respect of either R0083 or R0083A. However, the Code Manager believes the risk to Suppliers in being unable to meet their obligation, if no change is made, merits those costs being incurred.

R0083A was supported by a minority of respondents (two large Suppliers and one DNO) during Party impact assessment, and removal of the top line was previously supported in the consultation by two further organisations. The cost impact is expected to be higher for R0083, however, there is a clear indication that the industry continues to value the inclusion of the top line in the Supply Number, with the majority of Party impact assessment responses supporting retention of the top line, as they believe it would be the most beneficial to Consumers.

Industry consultation responses have continued to reflect a similar split in support of each of the proposed solutions, with a majority continuing to support of R0083. The Code Manager does not consider there to be a compelling reason to remove the top line, and therefore maintains the minded to position to retain the top line with the solution that has the least implementation impact. In addition, the Code Manager is conscious that the main alternative source for data, where organisations are not relying on the bills or annual statements, is EES which is a service that is commercially provided and not all the relevant parties to this change have access in place.

14 CASE FOR CHANGE

14.1 AUTHORITY DETERMINATION

Elements of the current Supply Number are being amended or removed under the MHHS design, so the Supply Number format, as currently specified in the REC Data Specification, needs to be updated. Implementing a new Supply Number format in the REC will ensure that Suppliers can continue to meet their obligations to publish the Supply Number. In respect of R83A, removing the top line will enable them to meet their existing obligations, however industry participants have clearly indicated that this will have a detrimental impact to their business processes and the Consumer's experience. Information provided through industry engagement during solution development, impact assessment and further in the consultation responses is captured in the proposed solution and consolidated response documents. Reflecting on the analysis of the case for change for R0083 and R0083A, the Code Manager believes, R0083 better facilitates the REC Objectives.

OBJECTIVE	IMPACT TYPE	DESCRIPTION AND JUSTIFICATION
To ensure the REC operates and evolves in a manner that facilitates the achievement of its mission statement[2]	Positive	The changes ensure the REC adjusts the Supply Number format in the Data Specification to the new industry arrangements that will be delivered to support MHHS, whilst minimising the impact of the MHHS design on the existing purpose of the Supply Number. It will assist Electricity Suppliers tin meeting their Supply Licence obligation to provide the Supply Number, which is used across the industry to support Consumer journeys.

[2] REC Mission Statement

To ensure customers interests and data is protected in the operation of the REC	Positive	It will ensure continued provision of data to Consumers and industry stakeholders to support Consumer Switching and non-Domestic Consumer business processes.
To drive continuous improvements and efficiencies in the operation of the REC and the central systems and communication infrastructures it governs	Positive	This change facilitates the continued use of the Supply Number both during migration and into the future MHHS design as elements of the current Supply Number design are not included in the future MHHS solution. The change ensures there is clarity on the solution and helps the industry to prepare to migrate to the new format, such that the consumer quoting and switching arrangements remain effective.

15 CODE MANAGER'S RECOMMENDATION

With regard to R0083, the Code Manager recommends that the REC Change Panel recommends, that the Authority:

- **APPROVE** the proposed change solution;
- **APPROVE** the proposed implementation approach; and
- **APPROVE** the proposed implementation on the date that is determined by the MHHS Programme for its Milestone: M8 'Code changes delivered'.

With regard to R0083A, the Code Manager recommends that the REC Change Panel recommends, that the Authority:

- **REJECT** the proposed change solution;
- **REJECT** the proposed implementation approach; and
- **REJECT** the proposed implementation on the date that is determined by the MHHS Programme for its Milestone: M8 'Code changes delivered'.

16 RESPONSIBLE COMMITTEE DECISION

This report was discussed at the REC Change Panel meeting on 01 August 2023.

With regard to R0083, the REC Change Panel voted to recommend that the Authority:

- **APPROVE** the proposed change solution;
- **APPROVE** the proposed implementation approach; and
- **APPROVE** the proposed implementation on the date that is determined by the MHHS Programme for its Milestone: M8 'Code changes delivered'.

With regard to R0083A, the REC Change Panel voted to recommend that the Authority:

- **REJECT** the proposed change solution;
- **REJECT** the proposed implementation approach; and
- **REJECT** the proposed implementation on the date that is determined by the MHHS Programme for its Milestone: M8 'Code changes delivered'.

16.1 SUMMARY OF AMENDMENTS MADE FOLLOWING PANEL DISCUSSION

Following the discussion at the REC Change Panel on 01 August 2023, some amendments have been made to this report to provide further clarity.

DOCUMENT	SECTION	AMENDMENT	REASON
Final Change Report	10.1	Risk added on impact to settlement for I&C legacy meters	Transparency of concerns raised during industry engagement
Final Change Report	12	Paragraph added on approach to consideration of responses	Increased clarity
Final Change Report	13.3	Additional content in the cost benefit analysis on use and access to EES	Increased clarity
Final Change Report	14.1	Content added on approach to engagement and consideration of responses	Increased clarity

17 APPENDIX

CHANGE PROPOSAL – R0083 AND R0083A	Link R0083 and R0083A have been progressed together and all documentation has been published on the R0083 Change Proposal page on the REC Portal
PROPOSED SOLUTION	Proposed Solution for R0083 v1.0 Proposed Solution for R0083A v2.0
LEGAL DRAFTING	R0083 Draft Legal Text R0083A Draft Legal Text
CONSOLIDATED SOLUTION DOCUMENTS AND LEGAL TEXT	Link For ease of access, the proposed solution documents, and draft legal text for R0083 and R0083A have been consolidated into a single folder, which can be downloaded from the REC Portal.
CONSOLIDATED IMPACT ASSESSMENT RESPONSES	Consolidated impact assessment responses (Public version)
CONSOLIDATED CONSULTATION RESPONSES	R0083 and R0083A Consolidated Consultation Responses v1.0 (Public version)
ADDITIONAL GUIDANCE FOR IMPLEMENTATION	R0083 - Guidance for Supply Number population v1.0
ANY OTHER DOCUMENTS / LINKS	R0083 and R0083A Solutions Option Paper v1.0 06.04.2023 R0083 and R0083A Solution Options Draft Legal Text (IA) 06.04.2023

18 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

TERM	DEFINITION
	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.