RETAIL ENERGY CODE

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01	Proposal Plan
02	Impact Assessment
03	Consultation
04	Final Recommendation

CHANGE REPORT

I0235 MISSING SCENARIO VARIANTS IN D0179

DOCUMENT VERSION	V1.0
PROPOSED IMPLEMENTATION DATE	TBD
IMPLEMENTATION APPROACH	TBD

RESPONSIBLE COMMITTEE	Technical Expert Panel	CHANGE PATH	Self-Governance
PRIORITY STATUS	Medium	URGENCY	Standard
IMPACTED STAKEHOLDERS	DNOs, MOAs, Energy Suppliers		

LEAD ANALYST (SOLUTION LEAD)	TECHNICAL LEAD	SUBJECT MATTER EXPERT
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OVERVIEW

There are two missing Scenario Variants in the Data Specification for sending/receiving the Confirmation of Energisation/De'-'Energisation of Prepayment Meter (D0179/ MM00093). The Code Manager is also investigating whether three mandatory Data Items should potentially be optional.

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BACKGROUND

1 SUMMARY

The legal text in REC Schedule 14 Metering Operations specifies that the Confirmation of Energisation/De'-'Energisation of Prepayment Meter Market Message (D0179/ MM00093) should be sent:

- From the Distribution Network Operator (DNO) to the Electricity Supplier;
- From the Meter Operator Agent (MOA) to the Electricity Supplier;
- From the DNO to the MOA; and
- From the MOA to the DNO.

The Scenario Variants from DNO to MOA and from MOA to DNO are missing from the Data Specification.

There are also Scenario Variants missing from the MHHS Data Specification, for the Smart Metering Service.

There are also three Data Items which are listed as mandatory within the D0179, which the Proposer of this change has suggested should be changed to optional as the DNO and MOA may not have the information to populate these fields. These are:

- Credit Balance (DI50260/J0537);
- Standing Charge (DI50264/J0543); and
- Prepayment Unit Rate (DI50263/J0542).

2 PROBLEM STATEMENT

DNOs and MOAs cannot fulfil their full obligations listed in Schedule 14 Metering Operations as there missing Scenario Variants in the Data Specification preventing them from sending the D0179 to all required Parties.

3 IMPACTS

REC PARTIES AND SERVICE USERS
DNOs
MOAs
Energy Suppliers

REC DOCUMENTS / PRODUCTS
Data Specification

MHHS DESIGN	MHHS DATA SPECIFICATION	MHHS CODE DRAFTING
No impact	Impact	No impact

It has also been identified that these Scenario Variants are missing from the MHHS Data Specification, so the Code Manager will need to ensure this change is maintained post MHHS.

There are also additional Scenario Variants required for MHHS, which the Code Manager is including as part of this change. It will be assessed how and when is best to implement these.

4 CROSS-CODE IMPACTS

There are no cross-code impacts associated with this change.

5 PROPOSAL PLAN

Milestone	Activity	From	To
Definition		**14 Jan 25**	**30 Apr 25**
	Code Manager Assessment	January	February
	Solution Refinement	February	March
	Change Issues Group	March	March
	Impact Assessment	March	April
Change Proposal		**01 May 25**	**24 Jun 25**
	Business Case Assessment	April	May
	Consultation	May	June
	Final Determination	June	June
Voting		**25 Jun 25**	**25 Jun 25**
	Appeal Window	26/06/2025	10/07/2025

6 STAKEHOLDER ENGAGEMENT

The Code Manager will present this change at the March Change Issues Group to investigate the need and impact of moving the three Data Items from mandatory to optional. The questions asked of the group will include:

- For DNOs/MOAs – how are these Data Items populated now? Both should already send this flow to the Electricity Supplier and these Data Items are mandatory.
- For Electricity Suppliers – do you predict any impacts to your business if these Data Items were no longer populated by DNOs/MOAs?

These questions will also be asked at Party impact assessment, but the Code Manager wants to ensure maximum engagement and feedback before arriving at a conclusion.

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7 PRIORITY STATUS AND URGENCY

PRIORITISATION MATRIX

Category	Significance / Resource impacts / Urgency	Further selection / breakdown	Score (0-3)	Weighting	Weighted Score
Impacts	Consumer Impact	Indirect	1	27	27
	Retail Markets Impact	Innovation and Market Arrangements	1	17	17
	RECCo / REC Party / REC Service Provider Impact	Operational Effectiveness and Efficiencies	1	7	7
		Legal and Regulatory Compliance	3	14	43
Resource	Complexity / Effort / Duration		3	9	28
Strategic Alignment	Contribution to/ Alignment with the objectives of the REC		0	17	0
	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)	120

Priority Status	MEDIUM
Change Proposal Type	STANDARD

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SOLUTION

8 PROPOSED SOLUTION

The draft version of the Data Specification including the new Scenario Variants is below.

The Code Manager is investigating whether it is appropriate for the below three Data Items to remain mandatory. Dependant on the outcome of the discussion at Change Issues Group and responses to the Party impact assessment, this solution may be updated to state these Data Items are optional.

- Credit Balance (DI50260/J0537);
- Standing Charge (DI50264/J0543); and
- Prepayment Unit Rate (DI50263/J0542).

MM00093 - Confirmation of Energisation/De'-'Energisation of Prepayment Meter - Message Structure

Scenario Variants

Scenario Variant	Name	Source	Target	Owner	Api Route	Api Method
SV00093	Confirmation of Energisation/De'-'Energisation of Prepayment Meter	Distribution Network Operator	Electricity Supplier	Retail Energy Code Company		
SVAAAAA	Confirmation of Energisation/De'-'Energisation of Prepayment Meter	Distribution Network Operator	Electricity Meter Equipment Manager	Retail Energy Code Company		
SVBBBBB	Confirmation of Energisation/De'-'Energisation of Prepayment Meter	Distribution Network Operator	Electricity Smart Meter Equipment Manager	Retail Energy Code Company		
SV00094	Confirmation of Energisation/De'-'Energisation of Prepayment Meter	Electricity Meter Equipment Manager	Electricity Supplier	Retail Energy Code Company		
SVCCCCC	Confirmation of Energisation/De'-'Energisation of Prepayment Meter	Electricity Meter Equipment Manager	Distribution Network Operator	Retail Energy Code Company		
SVDDDDD	Confirmation of Energisation/De'-'Energisation of	Electricity Smart Meter	Distribution Network Operator	Retail Energy		

	Prepayment Meter	Equipment Manager		Code Company		

Data Items

Data Item Number	Local Catalogue Reference	Name
DI50003	J0003	MPAN Core
DI50004	J0004	Meter Id (Serial Number)
DI50007	J0010	Meter Register Id
DI50008	J0012	Additional Information
DI50009	J0014	Date of Action
DI50016	J0024	Site Visit Check Code
DI50019	J0040	Register Reading
DI50041	J0080	Energisation Status
DI50098	J0173	Reason for Request
DI50260	J0537	Credit Balance
DI50261	J0539	Total Credit Accepted
DI50262	J0540	Total Tokens Inserted
DI50263	J0542	Prepayment Unit Rate
DI50264	J0543	Standing Charge
DI50265	J0544	Total Debt Outstanding
DI50266	J0545	Emergency Credit Status
DI50267	J0547	Debt Recovery Rate
DI50317	J0685	Tariff Code
DI50320	J0691	Failure Reason Code
DI50476	J1022	Prepayment Meter Shutdown Status

Flow Structure

Group ID	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Data Item Name	Data Item Rule	Data Item Alternate Name
368	MPAN Cores	1-*		G										
					1							MPAN Core		
					O							Site Visit Check Code		
					O							Additional Information		
					O							Failure Reason Code		
			Tariff Code is Mandatory within a message		C							Tariff Code		

			generated for a Token Meter or a Smart Card Meter, or Optional for any other meter type.											
369	Meters Details per MPAN Core	1-*			G									
						1						Meter Id (Serial Number)		
						1						Energisation Status		
						1						Prepayment Meter Shutdown Status		
						1						Reason for Request		
						1						Date of Action		
						1						Credit Balance		
						O						Total Credit Accepted		
						O						Total Tokens Inserted		
						O						Emergency Credit Status		
						O						Total Debt Outstanding		
						O						Debt Recovery Rate		
						1						Standing Charge		
370	Register Detail per Meter	1-*				G								
							1					Meter Register Id		

							1					Register Reading		
							1					Prepayment Unit Rate		

9 DRAFT LEGAL TEXT

The legal text changes to deliver the proposed solution to I0235 can be found here.

10 APPENDIX

CHANGE PROPOSAL	Link
LEGAL DRAFTING	Link

11 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.
Meter Operator Agent (MOA)	means a Party which has Qualified in that role under the Qualification and Maintenance Schedule. Where used in respect of a particular Metering Point, it means the MOA Appointed by an Electricity Supplier in accordance with the Metering Operations Schedule. The MOA is accountable for the installation, replacement, repair and maintenance of electricity Metering Equipment (either itself or by an EMO), and the MOA must also therefore be Accredited under the Metering Accreditation Schedule.