RETAIL ENERGY CODE

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REFERENCE	
STATUS	

I0235 MISSING SCENARIO VARIANTS IN D0179

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1 PURPOSE

The purpose of this paper is to gather feedback from the Change Issues Group on I0235 – Missing Scenario Variants in D0179.

2 BACKGROUND AND INFORMATION

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, that 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).

3 PROPOSED SOLUTION

The draft red-lining to the Data Specification is below.

MM00093 - Confirmation of Energisation/De'-'Energisation of Prepayment Meter Market Message Information

Market Message Reference	MM00093
MM Description	Confirmation is being given that the energisation status of a prepayment meter has been changed and readings and settings are being provided.
Local Catalogue Reference	D0179
Version	001
Notes	Though Tariff Code is defined within the structure as being optional it should be included in the Flow when the change of energisation status relates to either a Token Meter or Smart Card Meter.

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 Prepayment Meter	Electricity Smart Meter Equipment Manager	Distribution Network Operator	Retail Energy Code Company		

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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

MM00093 - Confirmation of Energisation/De'-'Energisation of Prepayment Meter - Message 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		C							Tariff Code		

			message 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		

4 QUESTIONS FOR THE CHANGE ISSUES GROUP

The Code Manager would like input from the Change Issues Group on the following questions:

- 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?