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RETAIL ENERGY CODE

SAFE ISOLATION PROVIDER – SOLUTION OVERVIEW

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VERSION 5.0 – 19 MAY 2023 (PUBLISHED WITH FINAL CHANGE REPORT R0101)

Change Proposal R0021 introduced a new role - a **Safe Isolation Provider** (SIP), for existing accredited Meter Equipment Managers (MEMs) to allow them to accept instructions to undertake a limited set of activities at the request of the premise owners without the need to use the Registered Suppliers' MEMs.

CONDITIONS PRECEDENT

In order to undertake the activities of a SIP, a REC Accredited MEM must accede to Distribution Code Use of System Agreement (DCUSA), and the REC will require confirmation from DCUSA that this step has been completed.

Premise owners – such as Local Authorities, Housing Associations, Private Landlords or individual homeowners (whether the occupier or not) will be able to contract directly with the SIP to undertake work at their instruction, to facilitate the installation of Isolators or to allow the installation of other equipment in both domestic and non-domestic premises - such as an Electric Vehicle Charging Points, where the SIP will De-energise the supply point and then re-energise it again on completion of this ancillary work.

The Balancing & Settlement Code introduced the new Role Code for use by the SIP, which will be available for SIPs to apply for once they've completed their accession to DCUSA. (The lead time for assignment of the code is approximately one month following the SIP's application).

SCOPE OF THE SIP'S PERMITTED WORK

As well as being able to De-energise and re-energise a Supply Point, the SIP will also be permitted to tighten the meter tails while on site, and where appropriate, re-making the connection to them to make safe and remedy any disturbance of the connections that may have occurred unintentionally. The scope of the permitted work is set out in Section 2H of DCUSA…

'**Safe Isolation Works'** means, in respect of an Entry/Exit Point, works by a SIP Party to:

(a) De-energise that Entry/Exit Point;

(b) (if reasonably necessary) adjust the terminals of the meter and associated equipment and re-make the connection to them to make safe and remedy any disturbance of the connection that may have occurred;

(c) if required, terminate/replace the customer tails on the Electricity Supplier's meter (provided that such tails must have been provided and tested by the SIP Party or the customer's electrical engineer); and

(d) Re-energise that Entry/Exit Point.

The SIP must not undertake any other work related to the Supply Point, or otherwise interfere with the Registered Supplier's metering equipment.

CONTRACTUAL GUIDANCE FOR THE SIP AND THE PREMISE OWNER

When the SIP contracts with the premise owners, the SIP should ensure that the contract between them requires the premise owners to:

- have given advance notice to any tenants of the impending works, and be required to retain evidence of the tenant's consent to the carrying out of the work by the SIP;
- have identified any customers who have a medical dependency on electricity where the disconnection of the electricity may put the tenant at risk, and that the premise owners have taken appropriate steps to mitigate this. They will need to have verified whether a third-party is required to be on-site before any work can be commenced and retain appropriate in both circumstances evidence. The information will be collected by the premise owner and the necessary consent gained from the tenant to share this data with the SIP and the tenant's Registered Supplier (where relevant); and
- to include a provision that the SIP will only be able to re-energise a Metering Point that has been De-energised by the SIP. Where a Metering Point is found to be De-energised when the SIP attends the site to carry out the work, they must abort the work and may not change the energisation status.

BUSINESS PROCESS MAPS

A set of business process maps are provided in Appendix 1, which sets out specifically the activities that must be undertaken and the responsible parties. Where Market Messages are required, the MM number/DTC flow reference is included in the maps for clarity.

BEFORE ATTENDING SITE

The Distribution Network Operator (DNO) requires the SIP (under their DCUSA accession) to provide the DNO with at least 1 Working Days' notice of the date they intend to carry out the work. This is to ensure that the DNO is aware that if they see clusters of premises or multi-occupancy dwellings going off supply, they will have visibility of the intended work, to avoid prompting unnecessary site visits to deal with off-supply issues related to the SIP Works. The DCUSA Code Administrator will facilitate the mechanism by which this communication can take place.

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ON SITE

On attending the premises, the SIP will consider whether they are able to undertake the intended work, carrying out their own risk assessment, which should include assessing whether the tenant has a medical dependency on electricity, and whether a third-party is required to be on site before work begins.

If they find evidence of danger, damage or interference that will prevent the metering equipment from correctly registering the quantity of electricity supplied, they will promptly inform the DNO and/or the Registered Supplier (as appropriate) of the same using the relevant communication methods in the table below.

Both the REC and DCUSA requires the SIP to De-energise and re-energise the Metering Point in the same Working Day, however, when carrying out the work, if the metering point needs to remain De-energised beyond the end of the Working Day, the SIP will notify the change in energisation status to the Registered Supplier using the relevant Market Messages set out in the Market Messages table below.

NATURE OF THE ISSUE	ACTION REQUIRED OF THE SIP	BY WHAT MEANS
Defective DNO equipment presents the possibility of danger (category A).	SIP shall Immediately contact the SFIC to report the damage and remain on-site as indicated by the Guidance for Service Termination Issues Reporting. The SIP Works will be put on hold until the danger is rectified.	By telephone
DNO equipment which is or may become hazardous (category B or C).	For category B issues, the SIP shall make the site safe and report the issue to the DNO. For category C issues – this should be reported to the DNO, but it is for information only and should not prevent the SIP from carrying out SIP Work.	Using the (MM00023) D0135 data flow
Defective Metering Equipment presents the possibility of danger.	The SIP shall immediately make safe and report the issue to the Registered Supplier, asking the Registered Supplier to request their MEM attends site within 3 hours.	By telephone
Metering equipment which is	The SIP should assess whether the defect presents a barrier to the SIP Works. If it does, the SIP shall make the site safe, report the issue to the	Using the (MM00013) D0002 data flow to report the fault. Request notification of remedy by the Supplier using

NATURE OF THE ISSUE	ACTION REQUIRED OF THE SIP	BY WHAT MEANS
or may become hazardous.	Registered Supplier and the SIP Work shall be aborted. The SIP will wait for confirmation of the remedy of the issue before re-attempting the SIP Works.	the Additional Information Field.
Metering Equipment which may be or become hazardous.	The SIP should assess whether the defect presents a barrier to the SIP Works. If it does not, the SIP will report the issue to the Registered Supplier and complete the SIP Works. (The Supplier does not need to report the rectification of the issue to the SIP)	Using the (MM00013) D0002 data flow
Where the SIP finds apparent evidence of deliberate tampering or interference the SIP will comply with the relevant provisions of - Schedule 8, Unbilled Energy Code of Practice.	The SIP should report any instance of suspected Energy Theft to the Registered Supplier, or to the UKRPA, where the identity of the Registered Supplier is unclear.	Using the (MM00029) D0136 data flow to the Registered Supplier. If the Registered Supplier is unknown, to the UKRPA
If the metering point needs to remain De-energised beyond the end of the Working Day.	The SIP will notify the change in energisation status to the Registered Supplier.	The SIP will send (MM00036) D0139 to the Registered Supplier.

Where a Smart Meter is already installed that has smart communications already enabled, the SIP should check that communications have been restored on completion of the work.

On the Smart Meter communications hub there are five connectivity indicators (SW, WAN, MESH, HAN, GAS). The SIP should check which of these are in use prior to De-energising the meter and check that they are all returned to the same state when re-energising. Any differences identified will be notified to the Supplier (where not a dual fuel customer – both the electricity and gas suppliers should be notified independently) on completion of the works if the Communications cannot be re-established. (A pre and post photograph or video may prove useful to confirm the status).

If communication was not re-established, the SIP should inform the Registered Supplier of the same (by telephone) and inform the tenant so that the Registered Supplier may take action to resolve this.

ON COMPLETION OF THE WORK

The SIP will send the new Market Message to the Supplier to advise that they have successfully completed SIP Works, indicating the date that the work was completed and by whom. The new Market Message will also include confirmation of any SIP Additional Needs Information updates, that the SIP wishes the Supplier to be aware of. The Supplier should consider the information provided and determine whether they need to take any action.

Should the SIP be unable to re-energise the site within the same working day (e.g., potential issues related to danger, damage, or interference), a Market Message MM00036 (D0139) Confirmation of Change of Energisation Status, will be sent by the SIP to the Supplier. In these scenarios, the site may not be re-energised by the SIP, this is likely to be undertaken by either the Registered Supplier's MEM, or the DNO before the relevant clearance reports are sent to the SIP.

If the reason for the delay to re-energisation is not related to incidents of danger, damage, or interference, but is agreed with the tenant/premise owner (e.g., planned work in empty premises – so no consumer detriment), the SIP may return and re-energise the Metering Point on another day, and will send the Market Message MM00036 (D0139) to update the change of energisation status on completion of the work.

NATURE OF THE ISSUE	ACTION REQUIRED OF THE SIP	BY WHAT MEANS
DNO equipment which is or may become hazardous (category B or C).	DNO will remedy the fault and the SFIC will notify the SIP, so that SIP Works can be complete.	Using the (MM00016) D0126 data flow.
1. Defective Metering Equipment presents the possibility of danger. 2. Metering equipment which is or may become hazardous.	Registered Supplier will instruct their MEM to address the relevant fault, and report the fault resolution to the SIP, so that the SIP Works can be completed. The Registered Supplier will address the apparent tampering or interference	Using the (MM00013) D0002 data flow.

NATURE OF THE ISSUE	ACTION REQUIRED OF THE SIP	BY WHAT MEANS
3. Evidence of interference.	and will notify the SIP when SIP Works can be completed.	

COMMUNICATION REQUIREMENTS

The SIP will need to have the ability to send communications to the DNO and the Registered Supplier using Market Messages (DTC flows) over the Data Transfer Network. This will require the SIP to be set up as a new Role Code – the Balancing & Settlement Code have now allocated the new role code of 'Y' for the SIP to use, and SIPs will need to apply for this before they can begin to operate as a SIP.

Existing processes that require communication outside of the Market Messages – such as phone or email, for SFIC reporting will use the existing mechanisms and dedicated contacts that the SIP uses for the DNO in their capacity as a REC MEM. The Suppliers will need to provide an appropriate SIP contact point for SIPs to communicate information about communications not being re-established for a smart meter, and more widely for communications during the Phased Implementation regarding faults and interference as well as work completion notifications.

ASSURANCE

The work undertaken by the SIP will be subject to the same performance assurance activities as for their role as REC Accredited MEMs. The Scheme Auditor will include work undertaken as a SIP as part of their regular REC MEM audit activities. The SIP will be required to undertake any remediation activities requested by the Auditors, and any escalation or performance management issue will be managed by the REC Scheme Auditors in the same manner as would happen with any issues with their work undertaken in the capacity as a MEM.

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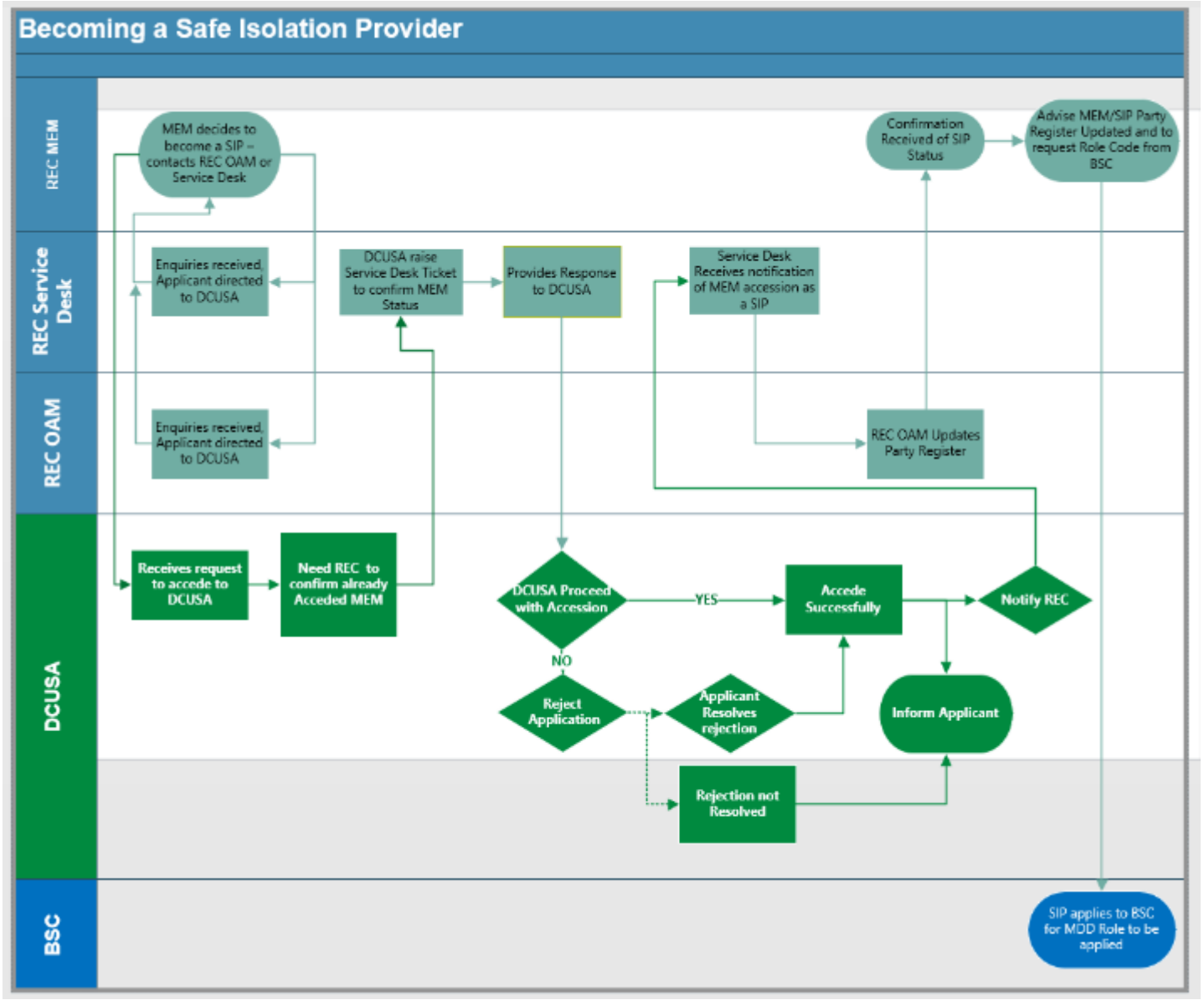
APPENDIX 1 – BUSINESS PROCESS FLOW DIAGRAMS

BUSINESS PROCESS MAPS

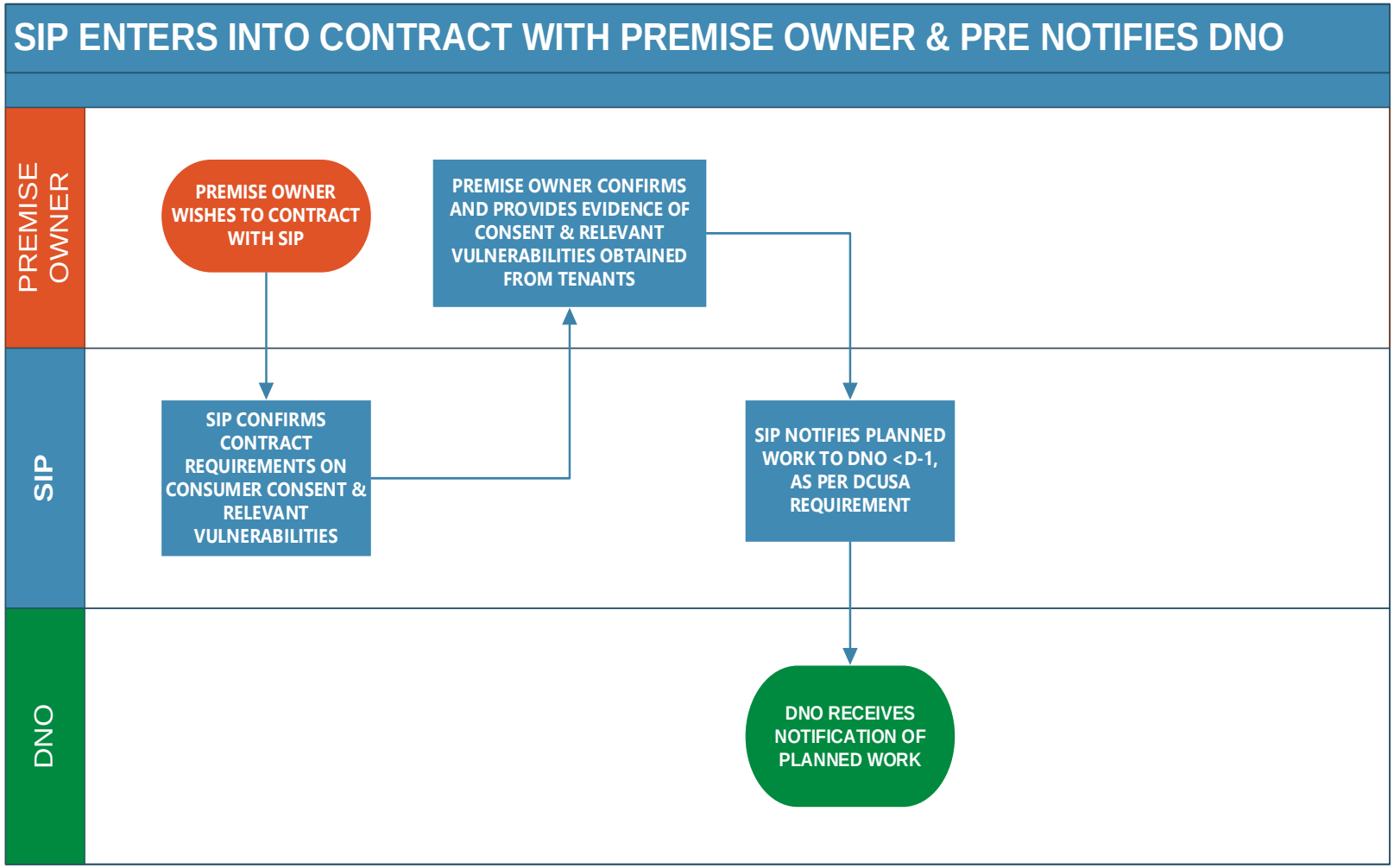
1. Becoming a Safe Isolation Provider (SIP)
2. SIP Contracting with a premise owner & Pre-notifies DNO
3. Onsite activities of SIP – De-energisation
4. Work completion and re-energisation
5. Safe Isolation Provider market exit

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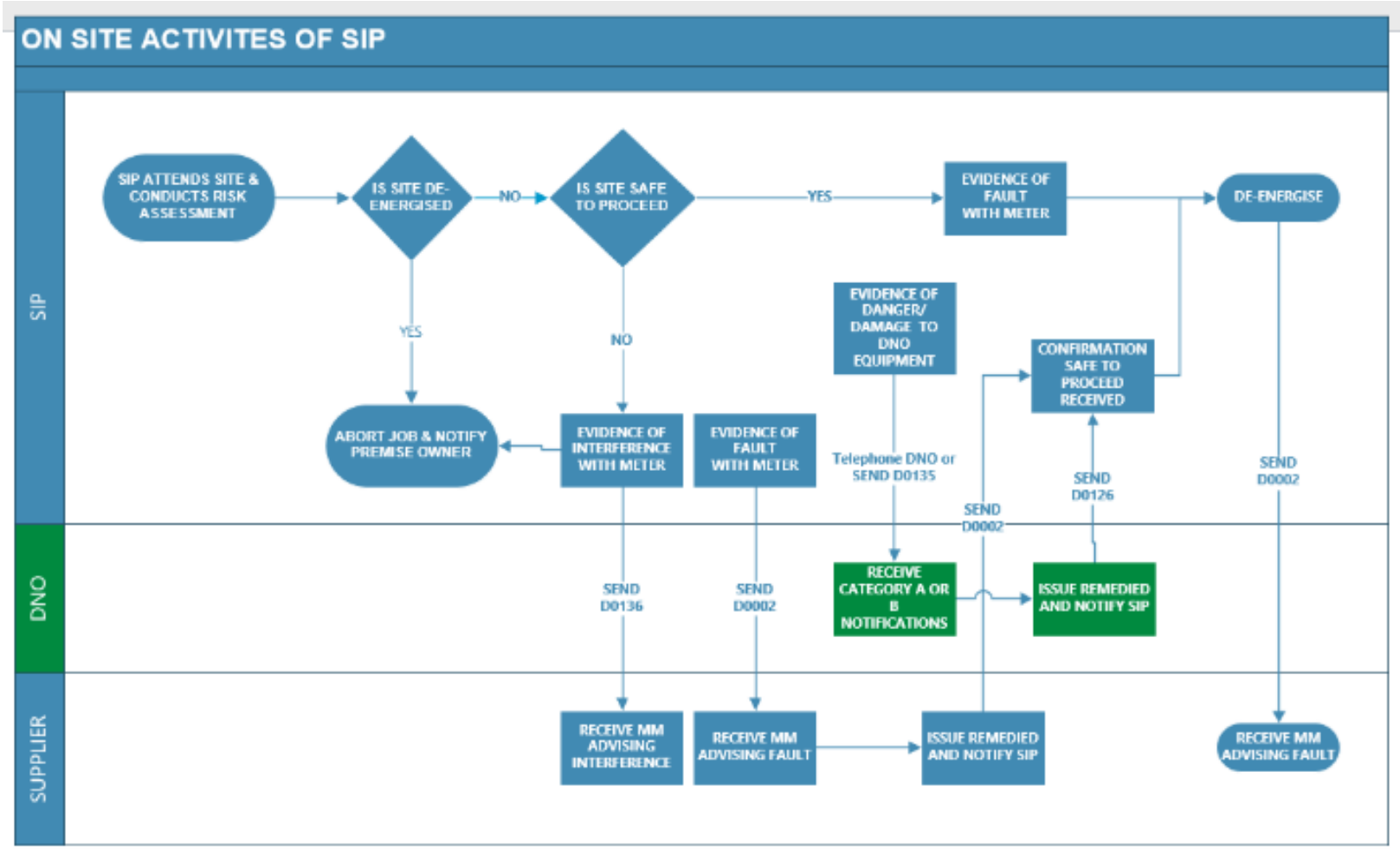
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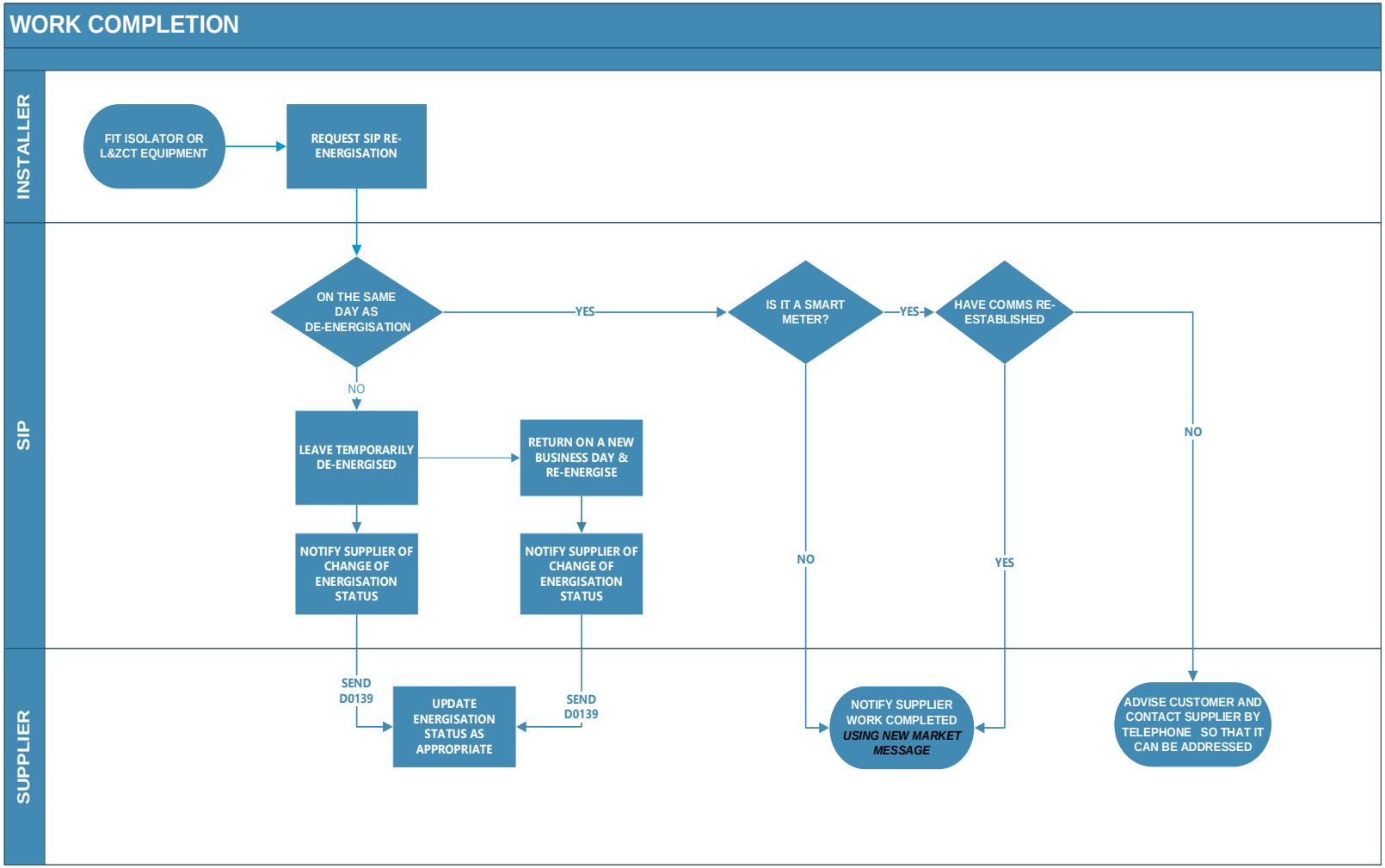
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APPENDIX 2 MARKET MESSAGES

MARKET MESSAGES:

APPLICABLE MARKET MESSAGES

DATA SPECIFICATION	
A New Market Message	Introduction of a new flow to include details of the SIP attending the Site and on which date the work was completed. This will include the MPAN, the MPAN address, the SIP ID, and the Supplier ID. It will require the SIP to indicate if an occupier has a medical dependency on electricity, or there is a requirement for a third party to be present when carrying out any work, as well as any other observations that they may wish to make the Supplier aware of in the additional information field, and the Supplier should action any information provided accordingly
MM00013 – D0002 Fault Resolution Report or Request for Decision on Further Action	• New Scenario Variant for SIP to Supplier to request action on fault found. • New Scenario Variant for Supplier to SIP – to provide fault resolution report.
MM00023 - D0135 - Asset Condition Report	New Scenario Variant for SIP to SFIC
MM00016 – D0126 – Asset Condition Report Response/Clearance	New scenario Variant for response from SFIC to SIP
MM00036 - D0139 - Confirmation or Rejection of Energisation Status Change	New Scenario Variant for SIP to Supplier
MM00029 -D0136- Report to Supplier of Possible Irregularity	New Scenario Variant for SIP to Supplier to report potential interference.

1. New Market Message: SIP Event Completed
2. D0002 – MM00013 - Fault Resolution Report or Request for Decision on Further Action
3. D0136 – MM00029 – Report to Supplier of Possible Irregularity (interference)
4. D0135 – MM00023 - Asset Condition Report
5. D0126 - MM00016 – Asset Condition Report Response/Clearance
6. D0139 – MM00036 – Confirmation or rejection of Energisation Status Change

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NEW MARKET MESSAGES TO BE CREATED

MM######- D0### – 001- SIP Event Completed

Message Flow

Market Message Reference	MM Description	Legacy Reference	Version	Notes
MM######	This Market Message is for the SIP to confirm the outcome of work undertaken on a site visit	D0###	001	

Scenario Variants

Scenario Variant	Name	Source	Target	Owner	Route	Method
SV######	Confirmation of completed SIP work	Safe Isolation Provider	Electricity Supplier	Retail Energy Code Company		

Data Items

Data Item ID	Legacy Reference	Name
DI50003	J0003	MPAN Core
DI50045	J0084	Supplier Id
DI50009	J0014	Date of Action
DI50008	J0012	Additional Information
DI50137	J0263	Metering Point Postcode
DI50488	J1036	Metering Point Address Line 1
DI50489	J1037	Metering Point Address Line 2
DI50490	J1038	Metering Point Address Line 3
DI50491	J1039	Metering Point Address Line 4
DI50492	J1040	Metering Point Address Line 5

DI50493	J1041	Metering Point Address Line 6
DI50494	J1042	Metering Point Address Line 7
DI50495	J1043	Metering Point Address Line 8
DI50496	J1044	Metering Point Address Line 9
DI#####	J####	SIP ANI – Medical Dependency on Electricity
DI#####	J####	SIP ANI – Third Party Presence Required
DI#####	J####	SIP ID

MM000## Flow Structure

Group ID	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Data Item Name	Value Rule
TBC	SIP Details	1-1		G									
					1							SIP ID	
					1							Supplier Id	
TBC	MPAN Cores	1-*			G								
						1						MPAN Core	
						1						Date of Action	
TBC	Metering Point Address	1-1	Please reference Address Population Rules.			G							
							O					Metering Point Address Line 1	
							O					Metering Point Address Line 2	
							O					Metering Point Address Line 3	
							O					Metering Point Address Line 4	
							O					Metering Point Address Line 5	

							O					Metering Point Address Line 6	
							O					Metering Point Address Line 7	
							O					Metering Point Address Line 8	
							O					Metering Point Address Line 9	
							O					Metering Point Postcode	
TBC	SIP Additional Needs Information	0-*				G							
							1					SIP ANI – Medical Dependency on Electricity	
							1					SIP ANI – Third Party Presence Required	
							O					Additional Information	

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New Data Items to be created

DI######- J#####- SIP ID

Data Item

Data Item Reference	Item Description	Legacy Reference	Data Item Owner	Logical Length	Decimal Length	Physical Length	Data Type	Data Type Format
DI5#####	The unique market-wide reference for a Safe Isolation Provider	J####	Retail Energy Code Company	4	0	4	String	Edifact Level B DTS Variant

DI######- J#####- SIP ANI – Medical Dependency on Electricity

Data Item

Data Item Reference	Item Description	Legacy Reference	Data Item Owner	Logical Length	Decimal Length	Physical Length	Data Type	Data Type Format
DI5#####	An indicator for the SIP to communicate where a medical dependency on electricity has been identified	J#####	Retail Energy Code Company	1	0	1	Boolean	Indicator (T/F)

DI######- J#####- SIP ANI – Third Party Presence Required

Data Item

Data Item Reference	Item Description	Legacy Reference	Data Item Owner	Logical Length	Decimal Length	Physical Length	Data Type	Data Type Format
DI5#####	An indicator for the SIP to communicate where a third party presence is required for additional needs	J####	Retail Energy Code Company	1	0	1	Boolean	Indicator (T/F)

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CHANGES TO EXISTING MARKET MESSAGES

MM00013 - D0002 - 001 - Fault Resolution Report or Request for Decision on Further Action

Message Flow

Market Message Reference	MM Description	Legacy Reference	Version	Notes
MM00013	Fault Investigation has been carried out and a report on an action taken is being made or a request for a decision on next course of action.	D0002	001	Where an AMVLP (Asset Metering Virtual Lead Party) is involved, the MPAN Core must contain an AMSID (Asset Metering System Identifier) and not an MPAN

Scenario Variants

Scenario Variant	Name	Source	Target	Owner	Route	Method
SV00013	Fault Resolution Report or Request for Decision on Further Action	Half Hourly Data Collector	Distribution Network Operator	Balancing and Settlement Code Company		
SV00024	Fault Resolution Report or Request for Decision on Further Action	Half Hourly Data Collector	Electricity Supplier	Balancing and Settlement Code Company		
SV00035	Fault Resolution Report or Request for Decision on	Electricity Meter Equipment Manager	Half Hourly Data Collector	Balancing and Settlement Code Company		

	Further Action					
SV00046	Fault Resolution Report or Request for Decision on Further Action	Electricity Meter Equipment Manager	Electricity Meter Equipment Manager	Balancing and Settlement Code Company		
SV00057	Fault Resolution Report or Request for Decision on Further Action	Electricity Meter Equipment Manager	Non-Half Hourly Data Collector	Balancing and Settlement Code Company		
SV00068	Fault Resolution Report or Request for Decision on Further Action	Electricity Meter Equipment Manager	Electricity Supplier	Balancing and Settlement Code Company		
SV00452	Fault Resolution Report or Request for Decision on Further Action	Half Hourly Data Collector	Asset Metering Virtual Lead Party	Balancing and Settlement Code Company		
SV00453	Fault Resolution Report or Request for Decision on Further Action	Electricity Meter Equipment Manager	Asset Metering Virtual Lead Party	Balancing and Settlement Code Company		
SV#####	Fault Resolution Report or Request for Decision on Further Action	Safe Isolation Provider (SIP)	Electricity Supplier	Balancing and Settlement Code Company		
SV#####	Fault Resolution Report or Request for Decision on	Electricity Supplier	Safe Isolation Provider (SIP)	Balancing and Settlement Code Company		

	Further Action					

Data Items

Data Item ID	Legacy Reference	Name
DI50003	J0003	MPAN Core
DI50004	J0004	Meter Id (Serial Number)
DI50006	J0008	Nature of Maintenance
DI50007	J0010	Meter Register Id
DI50008	J0012	Additional Information
DI50009	J0014	Date of Action
DI50016	J0024	Site Visit Check Code
DI50098	J0173	Reason for Request
DI50468	J1012	Date Fault Suspected/Detected

MM00013 Flow Structure

Group ID	Group Description	Range	Condition	L 1	L 2	L 3	L 4	L 5	L 6	L 7	L 8	Data Item Name	Value Rule
004	Metering Points Inspected	1-*		G									
					1							MPAN Core	
					1							Reason for Request	
					1							Date Fault Suspected/Detected	
005	Meter Detail per MPAN Core	0-*	Meter Detail per MPAN Core message collection is Mandatory if a Metering Asset is installed at the Metering Point. If a Metering Asset is		G								

			not installed at a Metering Point the message collection must be Not Present.										
						1						Meter Id (Serial Number)	
						C						Additional Information	
006	Meter Registers Inspected	1-*				G							
							1					Meter Register Id	
							O					Date of Action	
							O					Nature of Maintenance	
760	Site Visit Informati on	0-*			G								
						1						Site Visit Check Code	
			If Site Visit Check Code equals 88 then Additional informati on is Mandator y.			C						Additional Information	

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New Data Items to be created

DI##### - J#### - SIP ID

Data Item

Data Item Reference	Item Description	Legacy Reference	Data Item Owner	Logical Length	Decimal Length	Physical Length	Data Type	Data Type Format
DI5#####	The unique market-wide reference for a Safe Isolation Provider (SIP)	J####	Retail Energy Code Company	4	0	4	String	Edifact Level B DTS Variant

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MM00029 - D0136 - 001 - Report to Supplier of Possible Irregularity

Message Flow

Market Message Reference	MM Description	Legacy Reference	Version	Notes
MM00029	A report of the existence of a possible irregularity which may require further investigation by a Revenue Protection Service.	D0136	001	Tampering Code is a general guide to the nature or symptoms of the suspected irregularity. Additional information should be provided wherever possible. Though all of the address data items included in this flow are defined within the structure as being optional, the address itself is mandatory and must be included in the flow. The use of any individual address item cannot be made mandatory as, in the absence of an agreed address structure for all flows, an address may be constructed from any combination of the Address Line and Postcode items.

Scenario Variants

Scenario Variant	Name	Source	Target	Owner	Route	Method
SV00029	Report to Supplier of Possible Irregularity	Distribution Network Operator	Electricity Supplier	Retail Energy Code Company		
SV00030	Report to Supplier of Possible Irregularity	Half Hourly Data Collector	Electricity Supplier	Retail Energy Code Company		
SV00031	Report to Supplier of Possible Irregularity	Electricity Meter Equipment Manager	Electricity Supplier	Retail Energy Code Company		
SV00032	Report to Supplier of Possible Irregularity	Non Half Hourly Data Collector	Electricity Supplier	Retail Energy Code Company		
SV00033	Report to Supplier of Possible Irregularity	Non Half Hourly Data Retriever	Non Half Hourly Data Collector	Retail Energy Code Company		
SV00034	Report to Supplier of Possible Irregularity	Electricity Pre-Payment Metering Infrastructure Provider	Electricity Supplier	Retail Energy Code Company		
SV##### (TBC)	Report to Supplier of Possible Irregularity	Safe Isolation Provider	Electricity Supplier	Retail Energy Code Company		

Data Items

Data Item ID	Legacy Reference	Name
DI50003	J0003	MPAN Core
DI50004	J0004	Meter Id (Serial Number)
DI50008	J0012	Additional Information
DI50137	J0263	Metering Point Postcode
DI50174	J0375	Customer Name
DI50194	J0419	Meter Location
DI50207	J0451	Tampering Code
DI50389	J0822	Tampering Report Date
DI50488	J1036	Metering Point Address Line 1
DI50489	J1037	Metering Point Address Line 2

DI50490	J1038	Metering Point Address Line 3
DI50491	J1039	Metering Point Address Line 4
DI50492	J1040	Metering Point Address Line 5
DI50493	J1041	Metering Point Address Line 6
DI50494	J1042	Metering Point Address Line 7
DI50495	J1043	Metering Point Address Line 8
DI50496	J1044	Metering Point Address Line 9

MM00029 Flow Structure

Group ID	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Data Item Name	Value Rule
259	Suspect Metering Points	1-*	- Please reference Address Population Guidance v1.0.	G									
					1							MPAN Core	
					O							Metering Point Address Line 1	
					O							Metering Point Address Line 2	
					O							Metering Point Address Line 3	
					O							Metering Point Address Line 4	
					O							Metering Point Address Line 5	
					O							Metering Point Address Line 6	
					O							Metering Point	

												Address Line 7	
					O							Metering Point Address Line 8	
					O							Metering Point Address Line 9	
					O							Metering Point Postcode	
					O							Customer Name	
260	Suspect Meters	1-*			G								
						1						Meter Id (Serial Number)	
						1						Tampering Code	
						1						Tampering Report Date	
						O						Meter Location	
						O						Additional Information	

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MM00023 - D0135 - 002 - Asset Condition Report

Message Flow

Market Message Reference	MM Description	Legacy Reference	Version	Notes
MM00023	A report to the System Fault Information Centre of a concern with the Service Termination Equipment which does not require emergency attention	D0135	002	Assumed that urgent safety issues, ie immediate danger, would be subject to individual telephone call direct to SFIC. Nature of defect to be shown in additional data field. Though all of the address data items included in this flow are defined within the structure as being optional, the address itself is mandatory and must be included in the flow. The use of any individual address item cannot be made mandatory as, in the absence of an agreed address structure for all flows, an address may be constructed from any combination of the Address Line

				and Postcode items. This flow is only used to report Category B and C asset condition reports to the SFIC. Category A reports will be made by telephone.

Scenario Variants

Scenario Variant	Name	Source	Target	Owner	Route	Method
SV00023	Asset Condition Report	Half Hourly Data Collector	Supply Fault Information Centre	Balancing and Settlement Code Company		
SV00025	Asset Condition Report	Electricity Meter Equipment Manager	Supply Fault Information Centre	Balancing and Settlement Code Company		
SV00026	Asset Condition Report	Non Half Hourly Data Collector	Supply Fault Information Centre	Balancing and Settlement Code Company		
SV00027	Asset Condition Report	Non Half Hourly Data Retriever	Non Half Hourly Data Collector	Balancing and Settlement Code Company		
SV00028	Asset Condition Report	Electricity Supplier	Supply Fault Information Centre	Balancing and Settlement Code Company		

SV######	Asset Condition Report	Safe Isolation Provider (SIP)	Supply Fault Information Centre	Balancing and Settlement Code Company		

Data Items

Data Item ID	Legacy Reference	Name
DI50003	J0003	MPAN Core
DI50004	J0004	Meter Id (Serial Number)
DI50008	J0012	Additional Information
DI50045	J0084	Supplier Id
DI50137	J0263	Metering Point Postcode
DI50194	J0419	Meter Location
DI50235	J0489	Contact Name
DI50236	J0490	Contact Telephone Number
DI50488	J1036	Metering Point Address Line 1
DI50489	J1037	Metering Point Address Line 2
DI50490	J1038	Metering Point Address Line 3
DI50491	J1039	Metering Point Address Line 4
DI50492	J1040	Metering Point Address Line 5
DI50493	J1041	Metering Point Address Line 6
DI50494	J1042	Metering Point Address Line 7
DI50495	J1043	Metering Point Address Line 8
DI50496	J1044	Metering Point Address Line 9
DI51121	J1824	Asset Condition Code
DI51122	J1825	Asset Condition Report Date
DI51354	J2062	Smart Meter Installation Visit

MM00023 Flow Structure

Group ID	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Data Item Name	Value Rule
257	MPAN Cores	1-*	- Please reference Address Population Guidance v1.0.	G									
					1							MPAN Core	
					O							Metering Point	

												Address Line 1	
					O							Metering Point Address Line 2	
					O							Metering Point Address Line 3	
					O							Metering Point Address Line 4	
					O							Metering Point Address Line 5	
					O							Metering Point Address Line 6	
					O							Metering Point Address Line 7	
					O							Metering Point Address Line 8	
					O							Metering Point Address Line 9	
					O							Metering Point Postcode	
					O							Contact Name	
					O							Contact Telephone Number	
					1							Supplier Id	
258	Meters per MPAN Core	1-*			G								
						O						Meter Id (Serial Number)	

						1						Meter Location	
						O						Additional Information	
60H	Asset Condition	0-0			G								
						1						Smart Meter Installation Visit	
						1						Asset Condition Report Date	
						1						Asset Condition Code	

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MM00016 - D0126 - 001 - Asset Condition Report Response / Clearance

Message Flow

Market Message Reference	MM Description	Legacy Reference	Version	Notes
MM00016	The System Fault Information Centre is informing the Supplier and MOP of the outcome of an investigation into a report of a Category A report by telephone, or a Category B report by a D0135 flow	D0126	001	This flow shall be sent for all Urgent Actions reported, i.e. Category A and B issues. The Distribution Business will send the D0126 to the Supplier and Meter Operator registered within MPAS on the day the flow is sent. This may not be the Supplier or Meter Operator reporting the issue. Where "Asset Condition Clearance Code" (J1823) is populated with 'D' (Disputed – no defect identified that prevents meter installation), 'R' (Resolved – defect cleared but Asset Condition Category less serious than reported) or 'U' (Unable to

				Resolve), the Distribution Business must provide an explanation of why the code has been used within "Additional Information" (J0012).

Scenario Variants

Scenario Variant	Name	Source	Target	Owner	Route	Method
SV00015	Asset Condition Report Response / Clearance	Supply Fault Information Centre	Electricity Meter Equipment Manager	Balancing and Settlement Code Company		
SV00016	Asset Condition Report Response / Clearance	Supply Fault Information Centre	Electricity Supplier	Balancing and Settlement Code Company		
SV#####	Asset Condition Report Response / Clearance	Supply Fault Information Centre	Safe Isolation Provider (SIP)	Balancing and Settlement Code Company		

Data Items

Data Item ID	Legacy Reference	Name
DI50003	J0003	MPAN Core
DI50006	J0008	Nature of Maintenance
DI50008	J0012	Additional Information
DI51119	J1822	Asset Condition Clearance Date
DI51120	J1823	Asset Condition Clearance Code
DI51121	J1824	Asset Condition Code
DI51122	J1825	Asset Condition Report Date

MM00016 Flow Structure

Group ID	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Data Item Name	Value Rule
250	MPAN Cores	1-*		G									
					1							MPAN Core	
					1							Nature of Maintenance	
			Additional Information is Mandatory if Asset Condition Code equals D, R or U; for any other value, Additional Information is Optional.		C							Additional Information	
61H	Asset Condition Response	1-1			G								
						1						Asset Condition Report Date	
						1						Asset Condition Code	
						1						Asset Condition Clearance Code	
						1						Asset Condition Clearance Date	

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RETAIL ENERGY CODE

MM00036 - D0139 - 002 - Confirmation or Rejection of Energisation Status Change

Message Flow

Market Message Reference	MM Description	Legacy Reference		Version	Notes
MM00036	This flow confirms that the Energisation Status of a metering point has been changed, or notifies that a change was not possible and gives the reason for failure.	D0139		002	Where an AMVLP (Asset Metering Virtual Lead Party) is involved, the MPAN Core must contain an AMSID (Asset Metering System Identifier) and not an MPAN

Scenario Variants

Scenario Variant	Name	Source	Target	Owner	Route	Method
SV00036	Confirmation or Rejection of Energisation Status Change	Distribution Network Operator	Electricity Meter Equipment Manager	Retail Energy Code Company		
SV00037	Confirmation or Rejection of Energisation Status Change	Distribution Network Operator	Electricity Supplier	Retail Energy Code Company		
SV00038	Confirmation or Rejection of Energisation Status Change	Electricity Meter Equipment Manager	Distribution Network Operator	Retail Energy Code Company		
SV00039	Confirmation or Rejection of Energisation Status Change	Electricity Meter Equipment Manager	Half Hourly Data Collector	Retail Energy Code Company		
SV00040	Confirmation or Rejection of	Electricity Meter	Non Half Hourly Data Collector	Retail Energy		

	Energisation Status Change	Equipment Manager		Code Company		
SV00041	Confirmation or Rejection of Energisation Status Change	Electricity Meter Equipment Manager	Electricity Supplier	Retail Energy Code Company		
SV00461	Confirmation or Rejection of Energisation Status Change	Electricity Meter Equipment Manager	Asset Metering Virtual Lead Party	Retail Energy Code Company		
SV#####	Confirmation or Rejection of Energisation Status Change	Safe Isolation Provider (SIP)	Electricity Supplier	Retail Energy Code Company		

Data Items

Data Item ID	Legacy Reference	Name
DI50003	J0003	MPAN Core
DI50004	J0004	Meter Id (Serial Number)
DI50007	J0010	Meter Register Id
DI50009	J0014	Date of Action
DI50016	J0024	Site Visit Check Code
DI50019	J0040	Register Reading
DI50041	J0080	Energisation Status
DI50097	J0171	Reading Type
DI50623	J1253	Failure to Energise or De-Energise Reason Code

MM00036 Flow Structure

Group ID	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Data Item Name	Value Rule
261	MPAN Cores	1-*		G									
					1							MPAN Core	
					1							Energisation Status	
					1							Date of Action	
					O							Failure to Energise or De-Energise Reason Code	

					O							Site Visit Check Code	
262	Meter Detail per MPAN Core	0-*			G								
						1						Meter Id (Serial Number)	
263	Register Details per Meter	0-*				G							
							1					Meter Register Id	
							1					Reading Type	
							O					Register Reading	

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