# MM00001 - D0001 - 001 - Request Metering System Investigation

#### **Market Message**

Market Message Reference	MM Description	Legacy Reference	Version	Notes
MM00001	Investigation into suspected metering fault due to possible MAR discrepancies, invalid meter readings, timing device or meter or communications fault.	D0001	001	Sufficient information to identify the nature of the fault must be given. This flow only to be used where the metering point is currently energised 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
SV00001	Request Metering System Investigation	Distribution Network Operator	Half Hourly Data Collector	Balancing and Settlement Code Company
SV00002	Request Metering System Investigation	Electricity Supplier	Electricity Meter Equipment Manager	Balancing and Settlement Code Company
SV00112	Request Metering System Investigation	Distribution Network Operator	Non Half Hourly Data Collector	Balancing and Settlement Code Company
SV00223	Request Metering System Investigation	Distribution Network Operator	Electricity Supplier	Balancing and Settlement Code Company
SV00334	Request Metering System Investigation	Half Hourly Data Collector	Electricity Meter Equipment Manager	Balancing and Settlement Code Company
SV00387	Request Metering System Investigation	Half Hourly Data Collector	Electricity Supplier	Balancing and Settlement Code Company
SV00398	Request Metering	Non Half Hourly Data Collector	Electricity Meter Equipment	Balancing and Settlement

	System Investigation		Manager	Code Company
SV00409	Request Metering	Non Half Hourly Data Collector	Electricity Supplier	Balancing and Settlement
	System Investigation	-		Code Company
SV00420	Request Metering	Meter Reading Service	Non Half Hourly Data	Balancing and Settlement
	System Investigation	-	Collector	Code Company
SV00431	Request Metering	Electricity Supplier	Half Hourly Data Collector	Balancing and Settlement
	System Investigation			Code Company
SV00449	Request Metering	Asset Metering Virtual Lead Party	Half Hourly Data Collector	Balancing and Settlement
	System Investigation		-	Code Company
SV00450	Request Metering	Asset Metering Virtual Lead Party	Electricity Meter Equipment	Balancing and Settlement
	System Investigation		Manager	Code Company
SV00451	Request Metering	Half Hourly Data Collector	Asset Metering Virtual Lead	Balancing and Settlement
	System Investigation		Party	Code Company
SV00618	Request Metering	Advanced Data Service	Electricity Advanced Meter	Balancing and Settlement
	System Investigation		Equipment Manager	Code Company
SV00619	Request Metering	Advanced Data Service	Electricity Supplier	Balancing and Settlement
	System Investigation			Code Company
SV00620	Request Metering	Distribution Network Operator	Advanced Data Service	Balancing and Settlement
	System Investigation			Code Company
SV00621	Request Metering	Distribution Network Operator	Smart Data Service	Balancing and Settlement
	System Investigation			Code Company
SV00622	Request Metering	Electricity Supplier	Advanced Data Service	Balancing and Settlement
	System Investigation			Code Company
SV00625	Request Metering	Smart Data Service	Electricity Smart Meter	Balancing and Settlement
	System Investigation		Equipment Manager	Code Company
SV00626	Request Metering	Smart Data Service	Electricity Supplier	Balancing and Settlement
	System Investigation			Code Company
SV00704	Request Metering	Meter Reading Service	Smart Data Service	Balancing and Settlement
	System Investigation	-		Code Company
	Request Metering		Electricity Advanced Meter	Balancing and Settlement
SVxxxxx	System Investigation	Electricity Supplier	Equipment Manager	Code Company
	- Jotom myoodgadon			- Codo Company
0) /	Request Metering	Flactricity Council	Electricity Smart Meter	Balancing and Settlement
SVxxxxx	System Investigation	Electricity Supplier	Equipment Manager	Code Company
				. ,

#### **Data Items**

Data Item ID	Legacy Reference	Name
DI50003	J0003 / DI-063	MPAN Core
DI50004	J0004 / DI-056	Meter ID
DI50007	J0010	Meter Register Id
DI50008	J0012	Additional Information
DI50016	J0024 / DI-096	Site Visit Check Code
DI50098	J0173	Reason for Request
DI50099	J0174	Appointment Date
DI50154	J0292	Earliest Appointment Time
DI50155	J0293	Latest Appointment Time
DI50468	J1012	Date Fault Suspected/Detected

#### **SV00001 Message Structure**

Group ID	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Data Item Name	Value Rule
001	Metering Points for	1-*		G									
	Investigation												
					1							MPAN Core	
					0							Appointment Date	
					0							Earliest	
												Appointment Time	
					0							Latest Appointment	
												Time	
002	Meters to be Investigated	1-*			G								
						1						Meter ID	
003	Meter Registers to be Investigated	1-*				G							
							1					Meter Register Id	
							1					Reason for Request	
							1					Date Fault	
												Suspected/Detected	

			Additional Information is Mandatory if Reason for Request data item value does not provide sufficient information to identify the reason for the suspected fault.			С			Additional Information	
759	Site Visit Information	0-*		G						
					1				Site Visit Check Code	
					0				Additional Information	

### **SV00002 Message Structure**

Group ID	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Data Item Name	Value Rule
001	Metering Points for Investigation	1-*		G									
					1							MPAN Core	
					0							Appointment Date	
					0							Earliest Appointment Time	
					0							Latest Appointment Time	
002	Meters to be Investigated	1-*			G								

					1				Meter ID	
003	Meter Registers to be Investigated	1-*			G					
						1			Meter Register Id	
						1			Reason for Request	
						1			Date Fault Suspected/Detected	
			Additional Information is Mandatory if Reason for Request data item value does not provide sufficient information to identify the reason for the suspected fault.			С			Additional Information	
759	Site Visit	0-*		G						
	Information									
					1				Site Visit Check Code	
					0				Additional Information	

#### **SV00112 Message Structure**

Group ID	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Data Item Name	Value Rule
001	Metering Points for	1-*		G									

	Investigation									
	investigation			1					MDAN Core	
				1					MPAN Core	
				0					Appointment Date	
				0					Earliest	
									Appointment Time	
				0					Latest Appointment	
									Time	
002	Meters to be	1-*		G						
002	Investigated	•								
	Investigated				1				Meter ID	
000	NA 1	A +			ı				Meter ID	
003	Meter	1-*			G					
	Registers to									
	be									
	Investigated									
						1			Meter Register Id	
						1			Reason for Request	
						1			Date Fault	
									Suspected/Detected	
			Additional			С			Additional	
			Information						Information	
									IIIIOIIIIalioii	
			is							
			Mandatory							
			if Reason							
			for							
			Request							
			data item							
			value does							
			not provide							
			sufficient							
			information							
			to identify							
			the reason							
			for the							
			suspected							
			fault.							
759	Site Visit	0-*		G						
	Information									
					1				Site Visit Check	
					'				Code	
					0	-	-		Additional	
									Information	

### **SV00223 Message Structure**

Group	Group	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Data Item Name	Value Rule
ID	Description												
001	Metering	1-*		G									
	Points for												
	Investigation												
					1							MPAN Core	
					0							Appointment Date	
					0							Earliest	
												Appointment Time	
					0							Latest Appointment	
												Time	
002	Meters to be	1-*			G								
	Investigated												
						1						Meter ID	
003	Meter	1-*				G							
	Registers to												
	be												
	Investigated												
							1					Meter Register Id	
							1					Reason for Request	
							1					Date Fault	
												Suspected/Detected	
			Additional				С					Additional	
			Information									Information	
			is										
			Mandatory										
			if Reason										
			for										
			Request										
			data item										
			value does										
			not provide										
			sufficient										
			information										
			to identify										
			the reason for the										
			suspected										

			fault.						
759	Site Visit Information	0-*		G					
					1			Site Visit Check	
								Code	
					О			Additional	
								Information	

#### **SV00334 Message Structure**

Group ID	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Data Item Name	Value Rule
001	Metering Points for Investigation	1-*		G									
					1							MPAN Core	
					0							Appointment Date	
					0							Earliest Appointment Time	
					0							Latest Appointment Time	
002	Meters to be Investigated	1-*			G								
						1						Meter ID	
003	Meter Registers to be Investigated	1-*				G							
							1					Meter Register Id	
							1					Reason for Request	
							1					Date Fault Suspected/Detected	
			Additional Information is Mandatory if Reason for Request				С					Additional Information	

			data item value does not provide sufficient information to identify the reason for the suspected fault.						
759	Site Visit Information	0-*		G					
					1			Site Visit Check Code	
					0			Additional Information	

#### **SV00387 Message Structure**

Group ID	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Data Item Name	Value Rule
001	Metering Points for Investigation	1-*		G									
					1							MPAN Core	
					0							Appointment Date	
					0							Earliest Appointment Time	
					0							Latest Appointment Time	
002	Meters to be Investigated	1-*			G								
						1						Meter ID	
003	Meter Registers to be Investigated	1-*				G							
							1					Meter Register Id	
							1					Reason for Request	

759	Site Visit	0-*	Additional Information is Mandatory if Reason for Request data item value does not provide sufficient information to identify the reason for the suspected fault.	G		1 C			Date Fault Suspected/Detected Additional Information
739	Information	0-		G					
					1				Site Visit Check Code
					0				Additional Information

### **SV00398 Message Structure**

Group ID	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Data Item Name	Value Rule
001	Metering Points for Investigation	1-*		G									
					1							MPAN Core	
					0							Appointment Date	
					0							Earliest Appointment Time	
					Ο							Latest Appointment Time	

002	Meters to be Investigated	1-*		G					
					1				Meter ID
003	Meter Registers to be Investigated	1-*			G				
						1			Meter Register Id
						1			Reason for Request
						1			Date Fault Suspected/Detected
			Additional Information is Mandatory if Reason for Request data item value does not provide sufficient information to identify the reason for the suspected fault.			С			Additional Information
759	Site Visit Information	0-*		G					
					1				Site Visit Check Code
					0				Additional Information

### **SV00409 Message Structure**

Group	Group	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Data Item Name	Value Rule
ID	Description												

001	Metering Points for	1-*		G							
	Investigation										
					1					MPAN Core	
					0					Appointment Date	
					0					Earliest	
										Appointment Time	
					0					Latest Appointment	
										Time	
002	Meters to be	1-*			G						
	Investigated										
						1				Meter ID	
003	Meter	1-*				G					
	Registers to										
	be										
	Investigated						4			Matau Dawiatau Id	
							1			Meter Register Id	
							1			Reason for Request	
							1			Date Fault	
			Additional				С			Suspected/Detected Additional	
			Information							Information	
			is							IIIIOIIIIalioii	
			Mandatory								
			if Reason								
			for								
			Request								
			data item								
			value does								
			not provide								
			sufficient								
			information								
			to identify								
			the reason								
			for the								
			suspected								
			fault.								
759	Site Visit	0-*			G						
	Information										
						1				Site Visit Check	
										Code	

		0			Additional	
					Information	

#### **SV00420 Message Structure**

Group ID	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Data Item Name	Value Rule
001	Metering Points for Investigation	1-*		G									
					1							MPAN Core	
					0							Appointment Date	
					0							Earliest Appointment Time	
					0							Latest Appointment Time	
002	Meters to be Investigated	1-*			G								
						1						Meter ID	
003	Meter Registers to be Investigated	1-*				G							
							1					Meter Register Id	
							1					Reason for Request	
							1					Date Fault Suspected/Detected	
			Additional Information is Mandatory if Reason for Request data item value does not provide sufficient information				С					Additional Information	

			to identify the reason for the suspected fault.						
759	Site Visit Information	0-*		G					
					1			Site Visit Check	
								Code	
					0			Additional	
								Information	

### **SV00431 Message Structure**

Group ID	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Data Item Name	Value Rule
001	Metering Points for Investigation	1-*		G									
					1							MPAN Core	
					0							Appointment Date	
					0							Earliest Appointment Time	
					0							Latest Appointment Time	
002	Meters to be Investigated	1-*			G								
						1						Meter ID	
003	Meter Registers to be Investigated	1-*				G							
							1					Meter Register Id	
							1					Reason for Request	
							1					Date Fault Suspected/Detected	
			Additional Information is				С					Additional Information	

			Mandatory if Reason for Request data item value does not provide sufficient information to identify the reason for the suspected fault.						
759	Site Visit Information	0-*		G					
					1			Site Visit Check Code	
					0			Additional Information	

### **SV00449 Message Structure**

Group ID	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Data Item Name	Value Rule
001	Metering Points for Investigation	1-*		G									
					1							MPAN Core	
					0							Appointment Date	
					0							Earliest	
												Appointment Time	
					0							Latest Appointment Time	
002	Meters to be Investigated	1-*			G								
						1						Meter ID	
003	Meter Registers to	1-*				G							

	be									
	Investigated									
	in resultation					1			Meter Register Id	
						1			Reason for Request	
						1			Date Fault	
									Suspected/Detected	
			Additional Information is Mandatory if Reason for Request data item value does not provide sufficient information to identify the reason for the suspected fault.			С			Additional Information	
759	Site Visit Information	0-*	iduit.	G						
					1				Site Visit Check	
									Code	
					0				Additional	
									Information	

### **SV00450 Message Structure**

Group		Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Data Item Name	Value Rule
ID	Description												
001	Metering Points for Investigation	1-*		G									
					1							MPAN Core	
					0							Appointment Date	

_	1	1	<del>,</del>		1		1			
				Ο					Earliest	
									Appointment Time	
				0					Latest Appointment	
									Time	
002	Meters to be	1-*		G						
	Investigated									
	January				1				Meter ID	
003	Meter	1-*			G					
	Registers to									
	be									
	Investigated									
	Investigated					1			Meter Register Id	
						1			Reason for Request	
						1			Date Fault	
						'			Suspected/Detected	
			Additional			С			Additional	
			Information						Information	
			is						IIIIOIIIIalioii	
			Mandatory							
			if Reason							
			for							
			Request							
			data item							
			value does							
			not provide							
			sufficient							
			information							
			to identify							
			the reason							
			for the							
			suspected							
			fault.							
759	Site Visit	0-*	iddit.	G						
700	Information			J						
	morniadon				1				Site Visit Check	
									Code	
					0				Additional	
									Information	
	1								IIIIOIIIIaliOII	

# **SV00451 Message Structure**

Group ID	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Data Item Name	Value Rule
001	Metering Points for Investigation	1-*		G									
					1							MPAN Core	
					0							Appointment Date	
					0							Earliest	
												Appointment Time	
					0							Latest Appointment	
												Time	
002	Meters to be	1-*			G								
	Investigated												
						1						Meter ID	
003	Meter Registers to be Investigated	1-*				G							
							1					Meter Register Id	
							1					Reason for Request	
							1					Date Fault	
												Suspected/Detected	
			Additional Information is Mandatory if Reason for Request data item value does not provide sufficient information to identify the reason for the suspected fault.				С					Additional Information	
759	Site Visit	0-*			G								
	Information												

			1			Site Visit Check Code
			0			Additional
						Information

## **SV00618 Message Structure**

Group ID	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Data Item Name	Value Rule
001	Metering Points for Investigation	1-*		G									
	<u> </u>				1							MPAN Core	
					0							Appointment Date	
					0							Earliest Appointment Time	
					0							Latest Appointment Time	
002	Meters to be Investigated	1-*			G								
						1						Meter ID	
003	Meter Registers to be Investigated	1-*				G							
							1					Meter Register Id	
							1					Reason for Request	
							1					Date Fault Suspected/Detected	
			Additional Information is Mandatory if Reason for Request data item value does not provide				С					Additional Information	

			sufficient information to identify the reason for the suspected fault.						
759	Site Visit Information	0-*		G					
					1			Site Visit Check Code	
					0			Additional Information	

### **SV00619 Message Structure**

Group ID	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Data Item Name	Value Rule
001	Metering	1-*		G									
	Points for												
	Investigation												
					1							MPAN Core	
					0							Appointment Date	
					Ο							Earliest	
												Appointment Time	
					Ο							Latest Appointment	
												Time	
002	Meters to be	1-*			G								
	Investigated					4							
						1						Meter ID	
003	Meter	1-*				G							
	Registers to												
	be												
	Investigated						4						
							1					Meter Register Id	
							1					Reason for Request	
							1					Date Fault	
												Suspected/Detected	
			Additional				С					Additional	

			Information is Mandatory if Reason for Request data item value does not provide sufficient information to identify the reason for the suspected fault.					Information	
759	Site Visit Information	0-*		G					
					1			Site Visit Check Code	
					0			Additional Information	

#### **SV00620 Message Structure**

Group ID	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Data Item Name	Value Rule
001	Metering Points for Investigation	1-*		G									
					1							MPAN Core	
					0							Appointment Date	
					0							Earliest Appointment Time	
					0							Latest Appointment Time	
002	Meters to be Investigated	1-*			G								
						1				·		Meter ID	

003	Meter Registers to be Investigated	1-*			G					
						1			Meter Register Id	
						1			Reason for Request	
						1			Date Fault Suspected/Detected	
			Additional Information is Mandatory if Reason for Request data item value does not provide sufficient information to identify the reason for the suspected fault.			С			Additional Information	
759	Site Visit Information	0-*		G						
	morniadon				1				Site Visit Check Code	
					0				Additional Information	

#### **SV00621 Message Structure**

Group	Group	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Data Item Name	Value Rule
ID	Description												
001	Metering	1-*		G									
	Points for												
	Investigation												

					1					MPAN Core
					Ö					Appointment Date
					0					Earliest
					O					Appointment Time
					0					Latest Appointment
					O					Time
002	Meters to be	1-*			G					
	Investigated									
	ga.ca					1				Meter ID
003	Meter	1-*				G				
	Registers to									
	be									
	Investigated									
							1			Meter Register Id
							1			Reason for Request
							1			Date Fault
										Suspected/Detected
			Additional				С			Additional
			Information							Information
			is							
			Mandatory							
			if Reason							
			for							
			Request							
			data item							
			value does							
			not provide							
			sufficient							
			information							
			to identify							
			the reason							
			for the							
			suspected							
			fault.							
759	Site Visit	0-*			G					
	Information									
						1				Site Visit Check
										Code
				Ţ		0			_	Additional
										Information

### **SV00622 Message Structure**

ID     Description       001     Metering Points for Investigation       1     MPAN Core       0     Appointment Date Appointment Time	ne
Points for Investigation  1 MPAN Core O Appointment Da Earliest Appointment Tir	ne
Investigation  1 MPAN Core O Appointment Da Company Co	ne
1 MPAN Core O Appointment Da O Earliest Appointment Tir	ne
O Appointment Da O Earliest Appointment Tir	ne
O Earliest Appointment Tir	ne
Appointment Tir	
	nent
O   Latest Appointm	
Time	
002 Meters to be 1-*	
Investigated	
1 1 Meter ID	
003 Meter 1-* G	
Registers to	
be be	
Investigated	
1 Meter Register I	d
1 Reason for Req	
1 Date Fault	
Suspected/Dete	cted
Additional C Additional	
Information   Information	
is	
Mandatory	
if Reason	
Request	
data item	
value does	
not provide	
sufficient	
information	
to identify	
the reason	
for the	
suspected	

			fault.						
759	Site Visit Information	0-*		ن ا					
					1			Site Visit Check	
								Code	
					0			Additional	
								Information	

#### **SV00625 Message Structure**

Group ID	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Data Item Name	Value Rule
001	Metering Points for Investigation	1-*		G									
					1							MPAN Core	
					0							Appointment Date	
					0							Earliest Appointment Time	
					0							Latest Appointment Time	
002	Meters to be Investigated	1-*			G								
						1						Meter ID	
003	Meter Registers to be Investigated	1-*				G							
							1					Meter Register Id	
							1					Reason for Request	
							1					Date Fault Suspected/Detected	
			Additional Information is Mandatory if Reason for Request				С					Additional Information	

			data item value does not provide sufficient information to identify the reason for the suspected fault.						
759	Site Visit Information	0-*		G					
					1			Site Visit Check Code	
					0			Additional Information	

#### **SV00626 Message Structure**

Group ID	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Data Item Name	Value Rule
001	Metering Points for Investigation	1-*		G									
					1							MPAN Core	
					0							Appointment Date	
					0							Earliest Appointment Time	
					0							Latest Appointment Time	
002	Meters to be Investigated	1-*			G								
						1						Meter ID	
003	Meter Registers to be Investigated	1-*				G							
							1					Meter Register Id	
		·					1					Reason for Request	

			Additional Information is Mandatory if Reason for Request data item value does not provide sufficient information to identify the reason for the			1 C			Date Fault Suspected/Detected Additional Information
			suspected fault.						
759	Site Visit Information	0-*		G					
					1				Site Visit Check Code
					0				Additional Information

### **SV00704 Message Structure**

Group ID	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Data Item Name	Value Rule
001	Metering Points for Investigation	1-*		G									
					1							MPAN Core	
					0							Appointment Date	
					0							Earliest Appointment Time	
					Ο							Latest Appointment Time	

002	Meters to be Investigated	1-*		G						
					1				Meter ID	
003	Meter Registers to be Investigated	1-*			G					
						1			Meter Register Id	
						1			Reason for Request	
						1			Date Fault Suspected/Detected	
			Additional Information is Mandatory if Reason for Request data item value does not provide sufficient information to identify the reason for the suspected fault.			С			Additional Information	
759	Site Visit	0-*		G						
	Information									
					1				Site Visit Check Code	
					0				Additional Information	