

Message Flow Details

MM00156 - ~~Half Hourly~~ Advanced Meter Technical Details

Market Message Information

Market Message Reference	MM00156
MM Description	Half Hourly <u>Advanced</u> Meter Technical Details are transferred when there is a change in equipment, configuration or upon change of Agent.
Local Catalogue Reference	D0268
Version	002
Notes	See Annex C for Flow Notes. — 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	Api Route	Api Method
SV00156	Half Hourly <u>Advanced</u> Meter Technical Details	Electricity Meter Equipment Manager	Distribution Network Operator	Retail Energy Code Company		

SV00158	Half Hourly <u>Advanced Meter Technical Details</u>	Electricity Meter Equipment Manager	Half Hourly Data Collector	Retail Energy Code Company		
SV00159	Half Hourly <u>Advanced Meter Technical Details</u>	Electricity Meter Equipment Manager	Electricity Meter Equipment Manager	Retail Energy Code Company		
SV00160	Half Hourly <u>Advanced Meter Technical Details</u>	Electricity Meter Equipment Manager	Electricity Supplier	Retail Energy Code Company		
SV00474	Half Hourly <u>Advanced Meter Technical Details</u>	Electricity Meter Equipment Manager	Asset Metering Virtual Lead Party	Retail Energy Code Company		
<u>SVxxxxx</u>	<u>Advanced Meter Technical Details</u>	<u>Electricity Meter Equipment Manager</u>	<u>Electricity Advanced Meter Equipment Manager</u>	<u>Retail Energy Code Company</u>		
<u>SVxxxxx</u>	<u>Advanced Meter Technical Details</u>	<u>Electricity Advanced Meter Equipment Manager</u>	<u>Electricity Meter Equipment Manager</u>	<u>Retail Energy Code Company</u>		
<u>SVxxxxx</u>	<u>Advanced Meter Technical Details</u>	<u>Electricity Advanced Meter Equipment Manager</u>	<u>Advanced Data Service</u>	<u>Retail Energy Code Company</u>		

SVxxxxx	Advanced Meter Technical Details	Electricity Advanced Meter Equipment Manager	Distribution Network Operator	Retail Energy Code Company		
SVxxxxx	Advanced Meter Technical Details	Electricity Advanced Meter Equipment Manager	Electricity Supplier	Retail Energy Code Company		
SVxxxxx	Advanced Meter Technical Details	Electricity Advanced Meter Equipment Manager	Asset Metering Virtual Lead Party	Retail Energy Code Company		
SVxxxxx	Advanced Meter Technical Details	Electricity Advanced Meter Equipment Manager	Electricity Advanced Meter Equipment Manager	Retail Energy Code Company		

Data Items

Data Item Number	Local Catalogue Reference	Name
D150003	J0003	MPAN Core
D150004	J0004	Meter Id (Serial Number)
D150007	J0010	Meter Register Id
D150008	J0012	Additional Information
D150056	J0103	Measurement Quantity Id
D150176	J0382	Channel Number

DI50177	J0385	Communications Address
DI50178	J0386	Communications Method
DI50191	J0410	Manufacturers Make & Type
DI50193	J0418	Meter COP
DI50197	J0427	Number of Phases
DI50198	J0428	Outstation Id
DI50200	J0432	Pulse Multiplier
DI50209	J0454	CT Ratio
DI50210	J0455	VT Ratio
DI50216	J0464	Outstation PIN
DI50220	J0469	Outstation Number of Channels
DI50221	J0470	Outstation Password Level 1
DI50222	J0471	Outstation Type
DI50225	J0475	Meter Register Multiplier
DI50226	J0476	Associated Meter Id
DI50227	J0477	Associated Meter Register Id
DI50228	J0478	Number of Register Digits
DI50240	J0501	Meter Current Rating
DI50406	J0848	Date of Meter Installation
DI50478	J1025	Meter Equipment/Service Location
DI50624	J1254	Effective from Settlement Date {MSMTD}
DI50625	J1255	System Voltage
DI50626	J1256	Outstation Number of Dials
DI50627	J1257	Outstation Password Level 2
DI50628	J1258	Reader Password
DI50629	J1260	Baud Rate
DI50630	J1261	Sequence MPAN Core

				1							MPAN Core	
				1							Effective from Settlement Date {MSMTD}	
				1							Meter COP	
			Meter COP Issue Number is Mandatory if the Meter CoP is associated to an issue number, or the data item must be Not Present if the Meter CoP is not associated to an issue number.	C							Meter COP Issue Number	
				1							Complex Site Indicator	
			Meter Equipment/Service Location is Mandatory where further instructions are required to identify the meter position, the data item is Optional if further instructions additional to the Metering Point Location are not required.	C							Meter Equipment/Service Location	
				1							System Voltage	
				1							Number of Phases	
				1							Event Indicator	

			Additional Information is Mandatory if Event Indicator value is Z, or the data item is Optional for any other value.		C									Additional Information	
02A	Outstation Details	1-*	Outstation Details message collection is Mandatory if a meter is installed at the Metering Point; or message collection must be Not Present if no meter is installed at the Metering Point.		G										
														Outstation Id	Outstation Id value must not contain a dash or underscore character as a suffix or prefix to the identifier, although those characters may be present within the identifier.
														Outstation Type	
														Modem Type	Modem Type value must be the network service provider identifier if

																	Communication Method value is GS	
						1											Outstation Number of Channels	Outstation Number of Channels value must equal the number of channels visible to the HHDC.
						1											Outstation Number of Dials	
						0											Outstation PIN	
						0											Outstation Username Level 1	
						0											Outstation Password Level 1	
						0											Outstation Username Level 2	
						0											Outstation Password Level 2	Outstation Password Level 2 value must contain 12 asterisk characters.
						0											Outstation Username Level 3	Where the Metering System has more than 3 levels of password, the Master/Administrator username shall be provided in the Outstation Username Level 3.
						0											Outstation Password Level 3	Where the Metering System has more than 3 levels of

																	password, the Master/Administrator password shall be provided in the Outstation Password Level 3.
						O											Reader Password
						1											Where the Metering System has more than 3 levels of password, the Master/Administrator password shall be provided in the Outstation Password Level 3.
						O											Where the Metering System has more than 3 levels of password, the Master/Administrator password shall be provided in the Outstation Password Level 3.
						O											Dial In/ Dial Out Indicator
						O											Communications Address
						O											Communications Address B
						O											Baud Rate
						O											Communications Provider

					O							SIM Serial Number	
					O							Sequence MPAN Core	
					O							Sequence Outstation Id	
03A	Meter Details	1-*	Meter Details message collection is Mandatory if a meter is installed at the Metering Point; or message collection must be Not Present if no meter is installed at the Metering Point.		G								
					1							Meter Id (Serial Number)	
					O							Manufacturers Make & Type	
			Meter Current Rating is Mandatory for whole current operated meters or Not Present for current transformer operated meters.		O							Meter Current Rating	
					O							VT Ratio	
			CT Ratio is Mandatory for current transformer operated meters or Not Present for whole current operated meters.		C							CT Ratio	
					O							Phase/Wire	

						1									Feeder Status	
						1									Feeder Status Effective From Date	
						1									Meter Asset Provider Id	
04A	Meter Register Details	1-*	A Meter Register Details message collection is Mandatory for each active channel visible to the HHDC.													
															Meter Register Id	Meter Register Id value must be 2 characters in length and a leading zero used if required.
															Outstation Id	
															Channel Number	Channel Number value must include leading zeros if required.
															Pulse Multiplier	
															Meter Register Multiplier	
															Outstation Multiplier	Outstation Multiplier value must be 1 if the Outstation Type is VIS, or equal to the Meter Register Multiplier value for any other integral outstation or an unspecified value

			Present if generated for any other event.												
						1									Meter Id (Serial Number)
						1									Date of Meter Removal
						1									Meter Asset Provider Id