Message Flow Details

MM00047 - Notification of Mapping Details

Market Message Information

Market Message Reference	MM00047
MM Description	This flow notifies mapping of physical registers to time pattern regimes.
Local Catalogue Reference	D0149
Version	001
Notes	The Register Mapping Coefficient is required for mapping the difference between 2 or more physical registers' readings to a Settlement Register. ~~See Annex C for Flow Notes~~

Scenario Variants

Scenario Variant	Name	Source	Target	Owner	Api Route	Api Method
SV00047	Notification of Mapping Details	Electricity Meter Equipment Manager	Distribution Network Operator	Retail Energy Code Company		
SV00048	Notification of Mapping Details	Electricity Meter	Electricity Meter	Retail Energy		

		Equipment Manager	Equipment Manager	Code Company		
SV00049	Notification of Mapping Details	Electricity Meter Equipment Manager	Non Half Hourly Data Collector	Retail Energy Code Company		
SV00050	Notification of Mapping Details	Electricity Meter Equipment Manager	Electricity Supplier	Retail Energy Code Company		
SVxxxxx	Notification of Mapping Details	Electricity Meter Equipment Manager	Electricity Smart Meter Equipment Manager	Retail Energy Code Company		
SVxxxxx	Notification of Mapping Details	Electricity Smart Meter Equipment Manager	Electricity Meter Equipment Manager	Retail Energy Code Company		
SVxxxxx	Notification of Mapping Details	Electricity Smart Meter Equipment Manager	Smart Data Service	Retail Energy Code Company		
SVxxxxx	Notification of Mapping Details	Electricity Smart Meter	Distribution Network Operator	Retail Energy Code Company		

		Equipment Manager				
SVxxxxx	Notification of Mapping Details	Electricity Smart Meter Equipment Manager	Electricity Supplier	Retail Energy Code Company		

Formatted: Font: Verdana

Formatted: Font: Verdana

Formatted: Font: Verdana

Data Items

Data Item Number	Local Catalogue Reference	Name
DI50003	J0003	MPAN Core
DI50004	J0004	Meter Id (Serial Number)
DI50007	J0010	Meter Register Id
DI50037	J0076	Standard Settlement Configuration Id
DI50039	J0078	Time Pattern Regime
DI50160	J0300	Effective from Settlement Date {SCON}
DI50315	J0679	Register Mapping Coefficient
DI50624	J1254	Effective from Settlement Date {MSMTD}
DI50633	J1267	Metering System Non Settlement Functionality Code
DI50634	J1268	Effective From Settlement Date {MSNSFC}

Flow Structure

SV00047 - Notification of Mapping Details - Message Structure

Group ID	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Data Item Name	Data Item Rule
280	MPAN Cores	1-*		G									
				1								MPAN Core	The MPAN Core value must equal the corresponding MPAN Core value within the ~~Non Half-hourly~~Traditional Meter Technical Details Message.
				1								Effective from Settlement Date {MSMTD}	The Effective from Settlement Date value must equal the corresponding Effective from Settlement Date value within the ~~Non Half-hourly~~ Traditional Meter Technical Details Message.
281	NHH Mapping Details	1-1		G									

							1								Standard Settlement Configuration Id	The Standard Settlement Configuration Id value must equal the corresponding Standard Settlement Configuration Id value within the ~~Non Half-hourly~~ Traditional Meter Technical Details Message.
							1								Effective from Settlement Date {SCON}	The Effective from Settlement Date {SCON} value must equal the corresponding Effective from Settlement Date {SCON} value within the ~~Non Half-hourly~~ Traditional Meter Technical Details Message.

778	Time Pattern Regimes	1-*					G							
								1					Time Pattern Regime	If Notification of Mapping Details message generated following the ~~reciept~~receipt of Smart Meter Configuration Details message, Time Pattern Regime value must equal the Time Pattern Regime value within the Smart Meter Configuration Details message.
283	Meter Details	1-*					G							
								1					Meter Id (Serial Number)	The Meter Id (Serial Number) value must equal the corresponding Meter Id (Serial

														Number) value within the ~~Non Half-hourly~~ <u>Traditional</u> Meter Technical Details Message.
284	Meter Register	1-*						G						
									1			Meter Register Id		The Meter Register Id value must equal the corresponding Meter Register Id value within the ~~Non Half-hourly~~ <u>Traditional</u> Meter Technical Details Message.
									1			Register Mapping Coefficient		If Notification of Mapping Details message generated following the ~~reciept~~<u>receipt</u> of Smart Meter Configuration Details message,

													Register Mapping Coefficient value must equal the Register Mapping Coefficient value within the Smart Meter Configuration Details mess
23A	Non Settlements Registers	0-1			G								
						1						Metering System Non Settlement Functionality Code	If Notification of Mapping Details message generated following the ~~reciept~~<u>receipt</u> of Smart Meter Configuration Details message, Metering System Non Settlement Functionality Code value must equal the

24A	Time Pattern Regimes	1-*				G									
															Metering System Non Settlement Functionality Code value within
						O								Effective From Settlement Date {MSNSFC}	If Notification of Mapping Details message generated following the ~~reciept~~receipt of Smart Meter Configuration Details message, Effective From Settlement Date {MSNSFC} value must equal the Effective From Settlement Date {MSNSFC} value within the Smart Meter Conf

								1					Time Pattern Regime	If Notification of Mapping Details message generated following the ~~reciept~~receipt of Smart Meter Configuration Details message, Time Pattern Regime value must equal the Time Pattern Regime value within the Smart Meter Configuration Details message.
25A	Meter Details	1-*						G						
									1				Meter Id (Serial Number)	The Meter Id (Serial Number) value must equal the corresponding Meter Id (Serial Number) value within the ~~Non Half-hourly~~

												Traditional Meter Technical Details Message.
26A	Meter Register	1-*						G					
								1			Meter Register Id	The Meter Register Id value must equal the corresponding Meter Register Id value within the ~~Non Half-hourly~~ Traditional Meter Technical Details Message.
								1			Register Mapping Coefficient	If Notification of Mapping Details message generated following the ~~reciept~~receipt of Smart Meter Configuration Details message, Register Mapping Coefficient value

												must equal the Register Mapping Coefficient value within the Smart Meter Configuration Details mess