



Energy Market Data Specification (EMDS)

EMDS vMHHS 1.2

Guidance notes

- Ofgem approved EMDS vMHHS 1.1 in November 2024 (Programme Milestone M7).
- EMDS vMHHS 1.1 was based on MHHS Design IRv8.1
- EMDS vMHHS 1.2 has now been published and corrects errors identified in the previous version. It has also been updated to reflect MHHS Design IRv8.2 to 8.8
- The changes in EMDS vMHHS 1.2 are documented in M8 Change Control Log [here](#)
- This is a working draft and parties should continue to use the MHHS Design Artefacts for their MHHS design, build and testing.
- Further iterations of the EMDS may be provided if additional issues are identified, there are further MHHS Design Artefact updates or there are clarifications on the interpretation of the design.
- Once finalised, the updated EMDS will be implemented at M8.
- The following slides provide further information on how to identify Data Items within EMDS vMHHS 1.2 that are being updated for MHHS.

Non-MHHS Impacted Data Items

- Within the EMDS MHHS Drafting, Market Messages and Data Items can be found.
- The EMDS vMHHS 1.2 drafting includes all **impacted** new and enduring ‘DTC’ messages, DIP Interfaces, and ECS Reports, their associated Scenario Variants (routings) and Data Items.
- Market Messages that are not impacted by MHHS are not included within the EMDS vMHHS 1.2 html document.
- Due to database limitations, **all** ‘DTC’ Data Items are included in the EMDS vMHHS 1.2 drafting, regardless of whether any changes have been made to that item.
- This guidance will demonstrate how to identify Data Items that are/aren’t impacted by MHHS.

Data Item 'Impacted' by MHHS

- The below Data Item is a newly created item for transfer via the DIP.
 - This is signified by the inclusion of MHHS Specific attributes, and the Local Catalogue reference including a MHHS/DIP reference (DI-000)
- It is impacted by MHHS, this is signified by the 'In Market Messages' table.
 - This table shows all Market Messages that the item is contained within.
 - If the table is populated, then it is included within one or more MHHS Impacted (new/enduring) Market Messages

DI20000 - Interface ID

Data Item Information

Data Item Reference	DI20000
Item Description	Reference identifying which interface a message is purporting to use.
Local Catalogue Reference	DI-000
Data Item Owner	Balancing and Settlement Code Company
Logical Length	8
Decimal Length	
Physical Length	8
Data Type	String
Data Type Format	A general character string
Data Item Notes	See DSD for Enumerations
MHHS Data Classification	Public
MHHS Nullable	Mandatory no nulls
MHHS DataType	DT-000
YAML Name	interfaceID

In Market Messages

Market Message
MM20000
MM20001
MM20002
MM20003
MM20004
MM20005
MM20006
MM20007

Data Item 'Impacted' by MHHS

- The below Data Item is an existing 'DTC' catalogue item.
 - This item is not transferred via the DIP. This is signified by the lack of MHHS Specific attributes, and the Local Catalogue reference not including an MHHS/DIP reference (in the format of DI-###)
- It is impacted by MHHS, this is signified by the 'In Market Messages' table.
 - This table shows all Market Messages that the item is contained within.
 - If the table is populated, then it is included within one or more MHHS Impacted (new/enduring) Market Messages

DI50005 - Requested Action Code

Data Item Information

Data Item Reference	DI50005
Item Description	A code defining the required action to be performed.
Local Catalogue Reference	J0007
Data Item Owner	Balancing and Settlement Code Company
Logical Length	2
Decimal Length	0
Physical Length	2
Data Type	String
Data Type Format	Edifact Level B DTS Variant
Data Item Notes	
MHHS Data Classification	
MHHS Nullable	
MHHS DataType	
YAML Name	

Data Item Enumeration

Enumeration Value	Enumeration Description
1	Obtain reading
2	Estimate reading
3	Set-up appointment
4	Investigate suspected metering/comms fault
5	Report to Meter Operator
6	Transfer meter technical and

In Market Messages

Market Message
MM00075
MM00126
MM00168

Data Item Not 'Impacted' by MHHS

- The below Data Item is an existing 'DTC' catalogue item.
- It is **not** impacted by MHHS, this is signified by the lack of a 'In Market Messages' table.
 - Remember, the 'In Market Messages' table only shows Messages that the Data Item is included within. As the Market Message is not included within EMDS vMHHS, the table will not be populated (and subsequently does not appear)
- Therefore, in the case of DI51038/J1712, there are no changes to the Data Item for EMDS vMHHS so it can be disregarded when reviewing the html document.

DI51038 - Meter Register Description

Data Item Information

Data Item Reference	DI51038
Item Description	A free format character string which is visible to the customer on the meter display.
Local Catalogue Reference	J1712
Data Item Owner	Retail Energy Code Company
Logical Length	16
Decimal Length	0
Physical Length	16
Data Type	String
Data Type Format	Edifact Level B DTS Variant
Data Item Notes	
MHHS Data Classification	
MHHS Nullable	
MHHS DataType	
YAML Name	

Please note - some 'new' Data Items have an MHHS Local Catalogue Reference (DI-###) included but are not populated within any Market Messages (therefore no 'in Market Messages' table is present). Design issues have been raised against these Data Items which we expect to be addressed post M8.