RETAIL ENERGY CODE

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01	Proposal Plan
02	Impact Assessment
03	Consultation
04	Final Recommendation

CHANGE REPORT

I0344 – EXPLORE USE OF CHECK AS A METER TYPE OPTION ON J0483 DI-059

DOCUMENT VERSION	V1.0
PROPOSED IMPLEMENTATION DATE	TBD
IMPLEMENTATION APPROACH	TBD

RESPONSIBLE COMMITTEE	Technical Expert Panel	CHANGE PATH	Self-Governance
PRIORITISATION CATEGORY	Standard	URGENCY	Standard
IMPACTED STAKEHOLDERS	Metering Equipment Managers (Advanced and Smart), Energy Suppliers (Electricity), Supplier Meter Registration Agents (SMRAs) Data Collectors, Data Services, Distribution Network Operators (DNOs)		

LEAD ANALYST (SOLUTION LEAD)	TECHNICAL LEAD	ASSURANCE LEAD	SUBJECT MATTER EXPERT
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OVERVIEW

This Issue seeks to explore the use of CHECK as a Meter Type option for the DI-059 / J0483 Data Item. The CHECK Meter Type does not have a valid MHHS Market Segment combination, and it might not be required in other non-MHHS Market Messages if the existing/historic use cases for this option are no longer valid.

Along with CHECK, the Code Manager will explore the LAG_, LEAD_, and MAIN_ Meter Type options for DI-059 / J0483. Unlike CHECK, these meter types are valid under MHHS arrangements, though they might also be unnecessary under non-MHHS Market Messages.

CODE MANAGER RECOMMENDATION

The Code Manager recommends that the REC Change Panel:

- **APPROVE** the Proposal Plan, including the Responsible Sub-Committee, Change Path, Priority Status, Urgency and timetable.

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BACKGROUND

1 SUMMARY

The implementation of Market-wide Half-Hourly Settlement (MHHS) sees the introduction of a new suite of Data Integration Platform (DIP) Market Messages to support the MHHS Design, replacing some previous D-Flows used to communicate business process events and share market data between participants. Within the MHHS arrangements, Smart Metering information is held in the Supplier Meter Registration Service (SMRS) and updated via the IF-005 'MTD Updates to SMRS' Market Message. As SMRS normally only displays Settlement meters, the 'CHECK' value is not part of a valid Meter Type / Market Segment combination and as such is not a valid value within the IF-005.

Non-Smart Meters (Traditional or Advanced) continue to have their Meter Technical Details (MTD) communicated via the D0149 Notification of Mapping Details, D0150 Traditional Meter Technical Details and D0268 Advanced Meter Technical Details Market Messages, and updated in the SMRS via the IF-005 Market Message. The CHECK enumeration continues to be valid as a meter type within the Messages sent over the Data Transfer Network (DTN).

As noted in the MHHS Programme Data Cleanse Closure Report, CHECK is not a valid value under MHHS arrangements. As such, it cannot be populated within the SMRS before an MPAN can be migrated to MHHS arrangements. Similarly, having CHECK as a valid meter type in the Market Messages used to communicate Traditional and Advanced Meter Technical Details might not be necessary. Specifically, having CHECK in the valid set for DI-059 / J0483 may lead to data entry errors and cause confusion as to what meter type values are valid in the SMRS.

The options to be considered are 1) remove the check enumeration; 2) split the items into separate DIP and Data Catalogue versions; or 3) Do nothing.

This Issue was raised by the Code Manager to explore whether the CHECK option is still needed in the DI-059 / J0483 Data Item, looking at existing and historic use cases industry have had for this option, whether they are no longer valid and if so, why not. Following further analysis, the Code Manager has expanded this Issue's scope to explore whether the LAG_, LEAD_, and MAIN_ meter type values are still needed.

2 PROBLEM STATEMENT

The DI-059 / J0483 Meter Type Data Item is shared between the Balancing and Settlement Code's (BSC) DIP and the REC's Data Catalogue. The CHECK Meter Type does not have a valid MHHS Market Segment combination and is not a valid enumeration under the DIP version of DI-059 / J0483. Having an enumeration that is valid in one version of the Data Item and not valid in another causes confusion as to what enumerations are valid for this Data Item. As part of this Issue, the Code Manager will also explore whether use of the LAG_, LEAD_, and MAIN_ meter types are still necessary to be kept within D-Flows, even though they are valid meter types for MHHS arrangements.

3 IMPACTS

CONSUMERS
Consumers – Electricity

REC SERVICE PROVIDERS
Electricity Retail Data Service Provider

RECCO / REC CODE MANAGER
No impact identified.

REC PARTIES AND SERVICE USERS
AMR Service Providers
Data Collectors
Data Services
Smart Meter Data Retrievers
Distribution Network Operators
Electricity Suppliers
Metering Equipment Managers

REC DOCUMENTS / PRODUCTS
Data Item Catalogue

MHHS
While MPANs where the CHECK meter is the primary meter may run into issues when migrating to MHHS arrangements, no wider MHHS impact have been identified.

4 CROSS-CODE IMPACTS

No cross-code impacts have been identified yet. While this is unlikely, if the use of CHECK as a Meter Type is deemed to be necessary, and if any check meters must be used for Settlement purposes in MHHS arrangements, a solution to this Issue may require a consequential change to the BSC to update the ISD tables with consequential impact on SMRS validation.

5 PROPOSAL PLAN

Milestone	Activity	From	To
Definition		**01 Nov-26**	**31 Mar-27**
	Solution Analysis	November	March
	Solution Development	November	March

This Issue's definition will be progressed through the Energy Code Reform (ECR) and will likely require input from the Stakeholder Advisory Forum (SAF) to progress.

6 STAKEHOLDER ENGAGEMENT

Further stakeholder engagement through an information request or working groups might be required during the definition stage to better understand the issue and develop solution options.

7 PRIORITISATION CATEGORY AND URGENCY

7.1 PROPOSER REVIEW

The Proposer of this Issue has provided a review stating this Issue:

- Does not meet the criteria for Urgency;
- Has limited or no SDS relevance when compared to other Standard changes;
- Has medium importance as it delivers useful but broadly comparable benefits to other Standard changes;
- Has expected low complexity as potential solutions would most likely only involve updating an existing data set.

Their review can found in the initial submission form here.

7.2 CODE MANAGER REVIEW

The Code Manager is proposing this Issue be given an Urgency Status of Standard and a Prioritisation Category of Standard.

The Code Manager believes this Issue:

- Does not meet the Ofgem criteria for Urgency;
- Has a weak alignment to the Strategic Direction Statement as it has limited or no SDS relevance when compared to other Standard changes;
- Has medium importance as it has a reasonable SDS link but is one of several similar Standard changes with comparable strategic value; and
- Has a low complexity as potential solutions would most likely only involve updating an existing data set.

8 APPENDIX

CHANGE PROPOSAL	Link

9 GLOSSARY

TERM	DEFINITION
Data Catalogue	means the catalogue of data flows, data definitions and data formats as approved and defined under the REC Data Specification, Annex C: Energy Market Data Item Catalogue.
Data Item	means the most granular level of data defining a specific attribute in respect of a data type, the permissible values for which are defined and controlled in the Data Item Catalogue.
Data Item Catalogue	means the catalogue described as such in the Data Specification.
Data Item Enumerations	means permitted values associated with specific Data Items.
MHHS	means market-wide half hourly settlement, which is being introduced pursuant to the BSC (see MHHS Implementation).