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01	Proposal Plan
02	Impact Assessment
03	**Consultation**
04	Final Recommendation

CHANGE REPORT

R0261 ADDITION OF EXPORT FLAG IN D0303 FLOWS

DOCUMENT VERSION	V1.0
PROPOSED IMPLEMENTATION DATE	06 November 2026
IMPLEMENTATION APPROACH	Big Bang

RESPONSIBLE COMMITTEE	Technical Expert Panel	**CHANGE PATH**	Self-Governance
PRIORITY STATUS	Medium	**URGENCY**	Standard
IMPACTED STAKEHOLDERS	MOAs, MAPs		

LEAD ANALYST (SOLUTION LEAD)	TECHNICAL LEAD	SUBJECT MATTER EXPERT
CAROLINE FREIMULLER	APRIL HARBOUR	LORNA MALLON
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OVERVIEW

The Market Message (D0303 / MM00240) responsible for informing Metering Asset Providers (MAPs) of Metering Equipment installation is generating a lot of queries and exceptions due to Export MPAN creation. This is requiring MAPs to manually investigate whether a D0303 showing a Metering Asset being installed against a second Metering Point is a correction or the creation of an Export MPAN that can be ignored. Due to the growing uptake of microgeneration this is a problem that is growing in volume.

CODE MANAGER MINDED TO POSITION

The Code Manager recommends that the REC Technical Expert Panel:

- **APPROVE** the proposed change solution;
- **APPROVE** the proposed implementation approach; and
- **APPROVE** the proposed implementation date of 06 November 2026.

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BACKGROUND

1 SUMMARY

The Notification of Meter Operator, Supplier and Metering Assets installed / removed by the MOP to the MAP Market Message (D0303 / MM00240) is sent from the Meter Operator Agent (MOA) to the MAP when Metering Equipment is installed or removed against a Metering Point.

This includes when a new Export Metering Point is created against an existing Import Metering Point and the two Metering Points use the same Metering Equipment. This allows the MAP to know what Metering Equipment is installed at the new Metering Point. It has however created a manual process whereby MAPs must check this D0303 to see what, if any, action is required.

The uptake of microgeneration at Domestic Sites, which uses the same Smart Metering Equipment for both Metering Points, has increased this workload for MAPs.

As REC Issue I0230 D0303 flow following MHHS design changes impacts the same Market Message, the Code Manager will monitor the proposed solutions of both Issues for any overlap or opportunity to combine the Issues. Currently, these Issues/Change Proposals are progressing separately as the Proposer for R0261 has a developed solution they wish to be taken forward.

2 PROBLEM STATEMENT

MAPs must manually check D0303 Market Messages received with duplicated Metering Equipment (e.g. duplicated Meter Serial Number) to ensure they hold the correct Metering Equipment against the correct Metering Point. For Export Metering Points using the same Metering Equipment as the Import Metering Point, this manual check results in no action needing to be taken.

3 IMPACTS

CONSUMERS
None identified

REC SERVICE PROVIDERS
None identified

REC DOCUMENTS / PRODUCTS
Energy Market Data Specification (EMDS)

REC PARTIES AND SERVICE USERS
MAPs
MOAs

MHHS
No impact to MHHS has been identified as part of this Change Proposal.

4 CROSS-CODE IMPACTS

There are no cross-code impacts identified with this Change Proposal.

5 PROPOSAL PLAN

Milestone	Activity	From	To
Definition		**01 Sept 25**	**20 Mar 26**
	Solution Development	September	February
	Impact Assessment	January	February
	Business Case Assessment	February	March
	Solution Refinement	February	March
Change Proposal		**21 Mar 26**	**26 May 26**
	Consultation	March	April
	Final Determination	April	May
Voting		**27 May 26**	**27 May 26**
	Appeal Window	28 May 26	11 Jun 26

6 STAKEHOLDER ENGAGEMENT

On 06 October 2025, the Code Manager provided multiple potential temporary solutions to the secretariat of the Community of Meter Asset Providers (CMAP) for discussion at their meeting on 16 October 2025.

Following feedback from the secretariat, the Code Manager held a bespoke workshop on 19 November 2025 with MAPs (using the CMAP as a critical friend) to further discuss these potential temporary solution options. This was conducted in the middle of an Information Request on these solution options, which was open from 07 November to 05 December 2025.

6.1 INFORMATION REQUEST

An Information Request was conducted from 07 November to 05 December 2025. This was a combined Information Request with I0230 D0303 flow following MHHS design changes.

In total five responses were received from two Metering Equipment Managers (MEMs) and three MAPs. The non-confidential responses have been published here. This was used by the Proposer to help determine which solution option they wished to pursue. More information is available in section 8.1 of this Change Report.

This Change Proposal was also presented at the Change Issues Group (CHIG) on 05 February 2026 for further feedback into the solution.

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7 PRIORITY STATUS AND URGENCY

PRIORITISATION MATRIX

Category	Significance / Resource impacts / Urgency	Further selection / breakdown	Score (0-3)	Weighting	Weighted Score
Impacts	Consumer Impact	Indirect	0	27	0
	Retail Markets Impact	Innovation and Market Arrangements	3	17	50
	RECCo / REC Party / REC Service Provider Impact	Operational Effectiveness and Efficiencies	3	7	20
		Legal and Regulatory Compliance	1	14	14
Resource	Complexity / Effort / Duration		1	9	9
Strategic Alignment	Contribution to/ Alignment with the objectives of the REC		0	17	0
	Contribution to/ Alignment with RECCo's Forward Work Plan		0		0
Urgency *(The need to progress a change to meet a targeted date)*		Other Planned Activity	2	10	20
				Overall Priority Score (rounded)	113

Priority Status	MEDIUM
Change Proposal Type	STANDARD

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SOLUTION

8 PROPOSED SOLUTION

The proposed solution for R0261 adds a new group to the bottom of the D0303 / MM00240 Notification to the MAP of any change to relevant MOP appointments, Supplier registration and Meter Assets Market Message.

The group contains the DI50337 / J0727 / DI-035 Direction of Energy Flow Data Item. This Data Item was chosen over a derived "Export Flag" option as it is received by MOAs in the IF-036 / MM20010 SMRS Notification of Supplier Agent Appointment & Supporting Info Market Message, so is available for them to directly pass to MAPs.

As this Data Item is only received for Metering Points which have Migrated to the Market-wide Half Hourly Settlement (MHHS) arrangements, it has been proposed that this group is only mandatory to provide for MHHS Metering Points. This means there will be no requirement for MOAs to provide it on non-MHHS Metering Points, and so there are no requirements for system updates to be made by MOAs who have not yet Qualified under the MHHS arrangements or have no MHHS Metering Points in their portfolio.

The proposal adds this group to all Scenario Variants of the Market Message.

The red-lined Market Message can be seen below:

MM00240 - Notification of Meter Operator, Supplier and Metering Assets installed / removed by the MOP to the MAP

Market Message Information

Market Message Reference	MM00240
MM Description	Notification to the MAP of any change to relevant MOP appointments, Supplier registration and Meter Assets.
Local Catalogue Reference	D0303
Version	002
Notes	The optionality of the MPAN Address and MAP contract details will be determined by the MAP in the bilateral agreement between the MAP and MOP or the agreement between the MAP and the Supplier as appropriate in the circumstances. In addition to the mandatory scenarios when this flow must be sent, it may also be used by bilateral agreement when the MPAN Address and / or MAP contract details have changed.

Scenario Variants

Scenario Variant	Name	Source	Target	Owner	Api Route	Api Method
SV00240	Notification of Meter Operator, Supplier and Metering Assets installed / removed by the MOP to the MAP	Electricity Meter Equipment Manager	Electricity Meter Asset Provider	Retail Energy Code Company		

SV00601	Notification of Meter Operator, Supplier and Metering Assets installed / removed by the MOP to the MAP	Electricity Smart Meter Equipment Manager	Electricity Meter Asset Provider	Retail Energy Code Company		
SV00602	Notification of Meter Operator, Supplier and Metering Assets installed / removed by the MOP to the MAP	Electricity Advanced Meter Equipment Manager	Electricity Meter Asset Provider	Retail Energy Code Company		

Data Items

Data Item Number	Local Catalogue Reference	Name
DI50003	J0003 / DI-063	MPAN Core
DI50004	J0004 / DI-056	Meter ID
DI50008	J0012	Additional Information
DI50025	J0049	Effective from Settlement Date {REGI}
DI50045	J0084 / DI-495	Supplier Id
DI50102	J0178	Meter Operator Id
DI50118	J0210	Effective from Date {MOA}
DI50137	J0263 / DI-010	Metering Point Postcode
DI50143	J0274	Service Reference
DI50144	J0275	Service Level Reference
DI50172	J0360	Effective to Date {MOA}
DI50191	J0410 / DI-048	Manufacturers Make & Type
DI50330	J0716	Timing Device Id (Serial Number)
DI50406	J0848	Date of Meter Installation
DI50488	J1036 / DI-001	Address Line 1
DI50489	J1037 / DI-002	Address Line 2
DI50490	J1038 / DI-003	Address Line 3
DI50491	J1039 / DI-004	Address Line 4
DI50492	J1040 / DI-005	Address Line 5
DI50493	J1041 / DI-006	Address Line 6
DI50494	J1042 / DI-007	Address Line 7
DI50495	J1043 / DI-008	Address Line 8
DI50496	J1044 / DI-009	Address Line 9
DI50609	J1194	New Supplier Id
DI50635	J1269	Date of Meter Removal
DI51004	J1678	Associated Equipment Type

DI51005	J1679	Associated Equipment Serial Number
DI51006	J1680	Date of Installation / Removal of Timing Device / Associated Equipment
DI51007	J1681	MAP Contract Reference
DI50337	J0727 / DI-035	Direction of Energy Flow

Group ID	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Data Item Name	Data Item Rule
72C	Meter Operator Details	1-1		G									
					1							Meter Operator Id	
73C	MPAN Cores	1-*	Please reference Address Population Rules.		G								
						1						MPAN Core	
						1						Effective from Date {MOA}	
						O						Effective to Date {MOA}	
			Date of Installation / Removal of Timing Device / Associated Equipment is Mandatory if message generation related to install or removal event, for any other event the data item must be Null.			C						Date of Installation / Removal of Timing Device / Associated Equipment	
						O						Address Line 1	
						O						Address Line 2	
						O						Address Line 3	
						O						Address Line 4	
						O						Address Line 5	
						O						Address Line 6	

						O						Address Line 7	
						O						Address Line 8	
						O						Address Line 9	
						O						Metering Point Postcode	
						O						Additional Information	
						1						Supplier Id	
						O						Effective from Settlement Date {REGI}	Data Item may not be populated for Smart Metering Assets where the Smart Metering Equipment Manager does not hold this data
						O						MAP Contract Reference	
						O						Service Reference	
						O						Service Level Reference	
						O						New Supplier Id	
74C	Meter Details	1-*	Meter Details message collection must be present for every meter installed which is owned by the Meter Asset Provider.			G							
							1					Meter ID	
							O					Manufacturers Make & Type	
			Date of Meter Installation is Mandatory when the message is generated following the installation of				C					Date of Meter Installation	

			that meter, or the data item is Optional if the message is generated for any other purpose.										
							O					Timing Device Id (Serial Number)	
75C	Associated Equipment Details	0-*					G						
								1				Associated Equipment Type	
								1				Associated Equipment Serial Number	
76C	Removal Date	0-1	Meters Removed message collection is Mandatory if the message is generated following a meter removal or exchange event; or, for any other event the message collection must be Not Present.				G						
								1				Date of Meter Removal	
AAA	Direction of Energy Flow	0-*	Direction of Energy Flow message collection must be present for every meter installed which is owned by the Meter Asset Provider. Mandatory for MHHS				G						

			Migrated Metering Points										
								1				Direction of Energy Flow	

8.1 DESCOPED SOLUTIONS

The Information Request conducted contained four possible solutions for this Change Proposal. The Solution Development Report detailing these is available here.

These solution options were:

1. MAPs use the Electricity Enquiry Service (EES) API to get the Supplier Effective From Date and Direction of Energy Flow.
2. Provide MAPs with regular whole portfolio extracts from EES.
3. Provide MAPs with regular portfolio extracts from EES for MHHS Metering Points only.
4. Update the D0303 to add export flag, combined with one of the above options for Supplier Effective From Date.

The Proposer has elected to progress with solution option four, with the other three options being descoped.

There are two further solution options detailed within the Solution Development Report which were descoped before the Information Request. These were:

5. MAPs use the EES API to get the Supplier Effective From Date and Direction of Energy Flow, searching on receipt of a D0303 only (descoped due to being unenforceable).
6. Provide a reporting tool that allows MAPs to request EES data on receipt of D0303 (descoped as would require regular uploads for data to be in sync with EES, which was felt to be not appropriate when the same data can be retrieved directly from EES).

9 DRAFT LEGAL TEXT

The legal text changes to deliver the proposed solution to R0261 can be found here.

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PRELIMINARY ASSESSMENT

10 SUMMARY OF IMPACT ASSESSMENT ACTIVITY

10.1 SERVICE PROVIDER IMPACT ASSESSMENTS

No Service Provider impact assessment was required as part of this Change Proposal.

10.2 REC PARTY IMPACT ASSESSMENTS

A Party impact assessment was conducted from 16 January to 06 February 2026. In total five responses were received from two Energy Suppliers and three MEMs (with one of the MEMs confirming they are also a MAP.) The non-confidential responses have been published here.

ENERGY SUPPLIERS	• Both Energy Suppliers confirmed they would not see direct benefits from this Change Proposal, but they agreed benefits would be seen by other industry participants. • Both Energy Suppliers agreed the proposed solution addresses the problem statement. • One Energy Supplier queried if there were any alternate methods of communication between MOAs and MAPs to help develop the solution, but the Code Manager is confident between the Information Request, discussions at CMAP and discussions at CHIG, there has been adequate engagement opportunities. They also suggested the Secure Data Exchange Platform (SDEP) as an alternate solution, and the Code Manager has requested they raise an Alternate Change Proposal if that is an avenue they wish to be explored due to the Proposer wishing to progress this solution option. • Both Energy Suppliers confirmed they believed this solution appropriately accounted for both MHHS and non-MHHS Metering Points. • One Energy Supplier confirmed they would require three months between approval and implementation, with the other requiring six months. • Both Energy Suppliers confirmed they saw no risks to their MHHS Qualification or Migration plans from this Change Proposal. • Both Energy Suppliers confirmed they saw their costs from the implementation of this Change Proposal as being less than £10,000. • One Energy Supplier confirmed they saw no direct benefits to their business, but they believed it would for other Market Participants. The other saw direct benefits in the removal of manual workarounds for their MOA which would speed up the processing of Market Messages. The Code Manager has

	reached out to this respondent for more details on the manual workaround used by their MOA (rather than their MAP), but is yet to hear back.
METERING EQUIPMENT MANAGERS	• One MEM was supportive of the proposed solution, but provided feedback that the group should be changed from 1-* to 0-*, which has been actioned by the Code Manager. • One MEM was not supportive of the proposed solution, raised concerns around non-MHHS MOAs having to make system updates and stated their preferred solution would be to have MAPs use the EES API as required to determine if a Metering Point is Import or Export. The Code Manager has adjusted the solution to remove the impact on non-MHHS MOAs. They also raised concerns about mismatches between the Export Flag populated by MOAs and what is held in EES – the Code Manager has confirmed they expect there to be few mismatches as the Data Item Direction of Energy Flow is received directly by MOAs in the IF-036, so they will not need to derive if a Metering Point is Export. • One MEM submitted their response confidentially, and it has been considered by the Code Manager when progressing this Change Proposal. It has otherwise not been referenced within this Change Report. • One MEM confirmed they believed this solution appropriately accounted for both MHHS and non-MHHS Metering Points, one other expressed concerns on how this Change Proposal would impact legacy systems. Updates have been made to the solution post this impact assessment to mitigate this and are detailed within section 10.3 of this Change Report. • One MEM did not confirm what lead time they would require between approval and implementation. Both other MEMs submitted a confidential response which has been considered by the Code Manager when recommending an implementation date. • Two MEMs confirmed this would add workload to their development and operational resources, which is already under high demand from MHHS. • All three MEMs responded to this question confidentially, and the responses have been considered by the Code Manager when progressing this Change Proposal. • Two MEMs confirmed they saw no benefit to their business, but one confirmed they are also a MAP and saw benefits to their MAP business from the implementation of this Change Proposal.

10.3 SUMMARY OF AMENDMENTS MADE FOLLOWING IMPACT ASSESSMENT

The solution at Party impact assessment has the proposed new group range as 1-*, with the Data Item as conditional mandatory for MHHS Metering Points.

This has been updated after Party impact assessment, with the group range now proposed as 0-* and the group being conditional mandatory for MHHS Metering Points, and the Data Item mandatory if the group is included.

This will prevent MOAs who have not Qualified under the MHHS arrangements or who have no MHHS Metering Points in their portfolio from having to include the group (which would have required system updates) but have no Data Items within in it.

11 RISKS, ASSUMPTIONS, ISSUES AND DEPENDENCIES

No risks, assumptions, issues or dependencies have been identified as part of this Change Proposal.

12 BUSINESS CASE ASSESSMENT

12.1 COSTS

There are no central systems costs identified with this Change Proposal.

Costs have been identified by Parties for necessary system updates to send and receive the updated Market Message. Both Energy Supplier respondents identified their costs as being less than £10,000.

Other responses were received confidentially which the Code Manager has considered when conducting the business case assessment of this Change Proposal.

12.2 BENEFITS

INTANGIBLE BENEFITS	BENEFITS DESCRIPTION
REDUCED MANUAL INTERVENTION REQUIRED BY MAPS	MAPs must manually check D0303 Market Messages received with duplicated Metering Equipment (e.g. duplicated Meter Serial Number) to ensure they hold the correct Metering Equipment against the correct Metering Point. For Export Metering Points using the same Metering Equipment as the Import Metering Point, this manual check results in no action needing to be taken. The introduction of the Direction of Energy Flow Data Item means MAPs will know immediately when the Market Message received is for an Export Metering Point, and so no action needs to be taken. This will reduce the number of manual checks required by MAPs when the Market Message is received in this scenario. This benefit is expected to increase over time as more Metering Points migrate into the MHHS arrangements, resulting eventually in

	this Data Item being mandatory for all Metering Points when all Metering Points have migrated into MHHS. No figures have been provided on the expected reduction in hours/FTE for this benefit, so it has been listed as intangible rather than tangible.
NO REQUIREMENT FOR MOAS TO DERIVE IMPORT/EXPORT STATUS	By using the Direction of Energy Flow Data Item, which is received by MOAs on the IF-036 Market Message, there is no requirement for MOAs to derive if a Metering Point is Export. They will be able to directly use this Data Item, resulting in a low chance of mismatches between what is reported by the MOA and what is held in EES.
NO IMPACT TO MOAS NOT OPERATING UNDER THE MHHS ARRANGEMENTS	The new proposed group has a range of 0-* and is only mandatory for MHHS Metering Points. This means any MOA not operating within the MHHS market will not have to include this group, and will not be required to make system changes on a system that may be being phased out.
CORRECT BILLING FOR ENERGY SUPPLIERS AVAILABLE FASTER	MAPs being able to quickly identify when a Metering Point is Export should lead to a reduction in held Market Messages awaiting action, and allow them to correctly bill the relevant Energy Supplier as quickly as possible.

12.3 COST BENEFIT ANALYSIS

As there are no central systems costs, costs identified by Parties are as expected in line with Market Message related Change Proposals (when compared to previous, similar Change Proposals) and four intangible benefits associated with this Change Proposal, the Code Manager believes there is a positive case for change.

13 CASE FOR CHANGE

The Code Manager considers there is a positive case for change for implementing this Change Proposal on the basis that the proposed solution:

- Is both viable and implementable, and effectively resolves the problem statement;
- Has no associated central system costs and proportionate associated Party costs;
- Has proportionate effort required for implementation;
- Reduces the manual intervention required by MAPs as they will be able to immediately identify Export Metering Points (for MHHS Metering Points);
- Has no requirement for MOAs to derive if a Metering Point is Export;
- Should have no impact to MOAs who are not operating under the MHHS arrangements; and

- Allow correct billing to be available for Energy Suppliers from MAPs as quickly as possible.

14 APPENDIX

CHANGE PROPOSAL	Link
LEGAL DRAFTING	Link
CONSOLIDATED IMPACT ASSESSMENT RESPONSES	Link
RELATED CHANGE(S)	I0230 D0303 flow following MHHS design changes
ANY OTHER DOCUMENTS	Information Request non-confidential responses: link

15 GLOSSARY

TERM	DEFINITION
Export	means electricity which is exported from a Premises.
Export Metering Point	means a Metering Point which identifies exports from a Location.
Meter Asset Provider (MAP)	means the person that makes the Metering Assets for an RMP available for use by the Registered Supplier and the Consumer.
Meter Operator Agent (MOA)	means a Party which has Qualified in that role under the Qualification and Maintenance Schedule. Where used in respect of a particular Metering Point, it means the MOA Appointed by an Electricity Supplier in accordance with the Metering Operations Schedule. The MOA is accountable for the installation, replacement, repair and maintenance of electricity Metering Equipment (either itself or by an EMO), and the MOA must also therefore be Accredited under the Metering Accreditation Schedule.
Meter Serial Number	means the serial number that identifies the meter at an RMP.
Metering Asset	shall have the same meaning as Metering Equipment.
Metering Equipment	means: (a) in relation to gas, all the components of a meter installation and ancillary equipment, as defined in IGEM/G/1 edition 2; or (b) in relation to electricity, means the equipment associated with a particular

	meter, including the meter itself and any related Current Transformer (CT) and/or Voltage Transformer (VT), communication and/or control equipment, as may be further defined in the BSC.
Metering Point	has the meaning given to it in the Electricity Distribution Licence, which for the time being means: “the point, determined according to the principles and guidance given in the MRA Transition Schedule to the Retail Energy Code, at which a supply of electricity taken into or conveyed from the licensee’s Distribution System: (a) is or is intended to be measured; or (b) where Metering Equipment has been removed, was or was intended to be measured; or (c) in the case of an Unmetered Supply, is treated as measured.”