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SOLUTION DEVELOPMENT REPORT

I0230 D0303 FLOW FOLLOWING MHHS DESIGN CHANGES

I0261 ADDITION OF EXPORT FLAG IN D0303 FLOWS

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1 BACKGROUND

1.1 I0230

MAPs receive the Effective from Settlement Date {REGI} (J0049 / DI50025), which they use for billing purposes, from the Notification of Meter Operator, Supplier and Metering Assets installed / removed by the MOP to the MAP Market Message (D0303 / MM00240).

The implementation of MHHS on 22 September 2025 changed this Data Item from mandatory to optional. This is due to there not being an analogous Data Item within the SMRS Notification of Supplier Agent Appointment & Supporting Info Market Message (IF-036 / MM20010) received by MOAs, and MOAs may no longer have this information to provide. It is unlikely that the IF036 can be updated during MHHS qualification and migration. As such there is potentially a need for a temporary solution ahead of any potential updates to the IF-036 and the D0303.

1.2 I0261

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 Meter Asset Provider (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.

2 SOLUTION APPROACH

The Code Manager is looking for opportunities to develop one solution that will resolve the problem statement for both I0230 and I0261, so avoid having to make two separate updates to the D0303 flow. However, this is not a requirement of the solutions, and if it is felt two solutions or updates are more appropriate this can be explored.

3 PROPOPSED SOLUTION OPTIONS

Solution Option	Proposal	Comments	Pros	Cons
1	MAPs use the Electricity Enquiry Service (EES) API to get the Supplier Effective From Date and Direction of Energy Flow.	MAPs are already entitled to EES access, and to both of these data items within the Electricity Data Access Matrix (DAM).	Flexible access as and when required. Provides a solution for both I0230 and I0261. No REC Change required, solution already available.	Risk to other API users as this adds considerable volume.
2	Provide MAPs with regular whole portfolio extracts from EES.		No impacts to EES API. All MAPs could receive it on the same day – so if using for invoicing could help with supplier validation. Provides a solution for both I0230 and I0261.	Frequency of reporting – would only be available monthly. Requires a Service Provider impact assessment with EES, so cost and timescales for implementation not yet known.
3	Provide MAPs with regular portfolio extracts from EES for MHHS Metering Points only.	Once a Metering Point has migrated to the MHHS arrangements, it will remain on the report if it went through reverse migrated (in case the data was lost).	No impacts to EES API. All MAPs could receive it on the same day – so if using for invoicing could help with supplier validation.	Frequency of reporting – would only be available monthly. Requires a Service Provider impact assessment with

			Report would be smaller than option 2 so should run faster (to be confirmed by EES Service Provider). Provides a solution for I0230.	EES, so cost and timescales for implementation not yet known. Would not provide a suitable solution for I0261, which requires MAPs entire portfolio.
4	Update the D0303 to add export flag, combined with one of the above options for Supplier Effective From Date.		Provides an enduring fix for I0261 only more quickly.	Requirement to be combined with another solution option for I0230. May require a further update to the D0303 in future, depending on what the enduring solution for Supplier Effective From Date ends up being.

4 ALTERNATIVE SOLUTIONS DESCOPED

Descoped Solution Option	Proposal	Comments	Pros	Cons
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.	MAPs are already entitled to EES access, and to both of these data items within the Electricity Data Access Matrix (DAM).	Flexible access as and when required. No REC Change required, solution already available. Provides a solution for both I0230 and I0261.	Risk to other API users as this adds considerable volume (reduced compared to option 1). No way for this be enforced.
6	Provide a reporting tool that allows MAPs to request EES data on receipt of D0303.	Develop a new tool specifically for MAPs to request these data items on receipt of a D0303.	Flexible access as and when required. No impacts to EES API. Provides a solution for both I0230 and I0261.	Requires regular uploads of data to be in sync with EES. Requires a Service Provider impact assessment with EES, so cost and timescales for implementation not yet known.
7	For I0230 only: Update the IF-036 to include Supplier Effective From Date and make Effective from Settlement	Adding Supplier Effective From Date to the IF-036 means it will be available to MOAs to populate in the D0303. Note: this would need to be raised as a BSC Change as this Market Message and Data	Similar to the way arrangements worked prior to MHHS go-live.	Would require a large number of Parties to make system changes to receive an updated IF-036.

	Date {REGI} mandatory in the D0303.	Item are both owned by the BSC, alongside a cross-code REC Change to make the Settlement Date {REGI} mandatory.		Unknown when could be implemented, as could not put MHHS migration at risk. Descoped as would need to be a BSC led change. Does not provide a solution for I0261.

5 INFORMATION REQUEST AND IMPACT ASSESSMENT

The Code Manager will be issuing an Information Request for MAPs to provide input on the above solution options.

Depending on the preferred solution option, this may then be required to proceed to Service Provider impact assessment with the EES Service Provider to get an idea of costs and implementation timescales.