Market Change Request 1234			Smart Meter Exchanges for 1-Phase Whole Current MCC03 Cohort 2		
Status	~~Approved~~DRAFT	**Priority**	Fast Track	**Status Date**	22/05/2026

Date	Version	Reason for Change	Version Status
04/12/2024	1.0	MCC03 Meter Exchanges (Cohort 2)	Final
22/05/2026	1.1	MCC03 Meter Exchanges (Cohort 2) – re-versioning due to additional target MCC allowed MCC16 and MP feedback	DRAFT

Part 1 DETAIL OF DISCUSSION REQUEST / MARKET CHANGE REQUEST	
Requesting Organisation(s)	ESB Networks
Request Originator Name	Kevin O'Connor
Date Raised	14/08/2024

Classification of Request	
Change Type	Non-Schema Impacting

Detail of Request

Reason for Request

Background

MCC03 comprises one 24-hour meter and one night storage heating (NSH) meter. The storage heating meter is controlled by ESBN timeclock which, when switched on, records consumption on the customer heating board.
When the storage heating meter is recording heat consumption, the 24 hour meter simultaneously records all other consumption.

MCR1226 introduced the concept of MCC03 Cohort 1 and MCC03 Cohort 2; grouping MPRNs depending on whether consumption has or has not been recorded on their NSH register for at least two years.

MCC03 Cohort 1	MPRNS where consumption has been recorded on the 24-hour register only in the past two years, i.e. 0 kWh recorded on the NSH register
MCC03 Cohort 2	MPRNs where NSH consumption has been recorded within the past two years

MCC03 Cohort 1 smart meter exchanges were enabled by V13.6 and these exchanges are underway.

A smart meter exchange strategy is needed for MCC03 Cohort 2.

- There are 26,273 MCC03 Cohort 2 customers.
- 25,500 of these have an MIC ≤ 16kVA and are whole current, single-phase meter installations.

The Programme proposes to implement a Supplier-consented, Networks-led exchange for MCC03 Cohort 2 MPRNs.

The purpose of DR1234 is to put in place the capability required to exchange single-phase, whole current, MCC03 Cohort 2 meters with a single smart meter configured MCC02 or MCC16. The site will operate as an MCC02 or MCC16 site post install.

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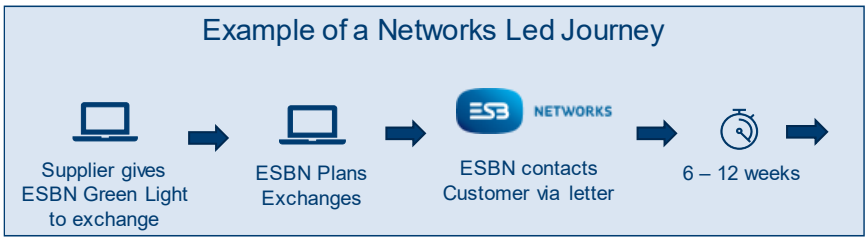
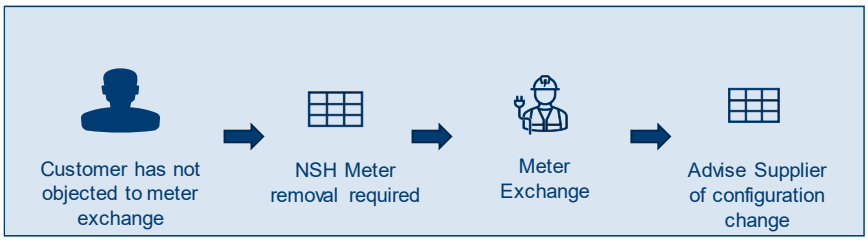
Proposed Solution

DR1234 proposes that, when requested to do so by an individual Supplier, ESB Networks will plan the smart meter exchange for all single-phase, whole current, MCC03 Cohort 2 customers of that Supplier. Both legacy MCC03 meters will be exchanged with a single smart meter configured MCC02 or MCC16.

The proposal is that:

- Supplier advises ESB Networks to exchange its MCC03 Customers' meters by populating a Smart Meter Exchange template that will be provided by ESB Networks. Suppliers will be required to populate the following information in the Smart Meter Exchange file:
  - Col A - MPRN
  - Col B – Customer Surname, First Name or Business Name
  - Col C – Contact Details (Telephone Number)
  - Col D – Current MCC
  - Col E – New MCC (this can be either MCC02 or MCC16. No other MCC is valid for these exchanges)
  - Col F – MEC (as at DD/MM/YY) - Yes/No
- ESB Networks will await suppliers to confirm that they are in a position to begin engagement with this cohort of customers. At which point, ESB Networks will send across a spreadsheet of all MPRNs in this cohort to each Market Participant. This will enable the Market Participants to engage with these customers.
- Following the discussion, Market Participants are required to update each MPRN in that same spreadsheet with the target MCC or whether the customer has refused the exchange.
- When the spreadsheet is completed in full, the Market Participants will send this back to ESB Networks, who will schedule the exchanges on the back of this.
- Supplier emails the Smart Meter Exchange file to the following email address: meterop.esbnetworks@esb.ie.
- ESB Networks plans the smart meter exchanges;
- ESB Networks contacts the Customer via Letters 1 and 2, per the current MCC02 process.
- If there is no objection registered by the customer to the smart meter exchange, following correspondence, ESB Networks (or their agents) will arrange an appointment to carry out the meter exchange.
- ESB Networks will replace the existing MCC03 24-hour meter with ~~an RM108~~ a smart meter configured as MCC02 or MCC16.
- ESB Networks will advise the Supplier of the completion of the exchange via MM332.





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Commented [ON1]: @Power. Damien (Contractor - EY) Should be a RM108 or RM107

Commented [PE2R1]: Updated.

Commented [CN3]: Hi Damien, I don't what to get too pedantic here but MCC02 only applies to RM108 whereas MCC16 can apply to both RM107 and RM108. Not sure if this needs to be called out. Maybe rut it by the ladies? Thanks

Commented [PD(E4R3]: Thanks @Corcoran. Emer (ESB Networks) Ger did add the RM107 piece but would it read better this way maybe?

•ESB Networks will replace the existing MCC03 24-hour meter with a smart meter configured as MCC02 (RM108) or MCC16 (RM107/RM108)

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Heating operation following the exchange

- The heating will be enabled via an NSH63 relay that is controlled by the meter's auxiliary load switch
- The auxiliary load switch will be timed to
  - Close the relay (activating the heating) at the start of MCC02 or MCC18 Night time; and
  - Open the relay (deactivating the heating) at the start of MCC02 or MCC18 Day time

The customer will be able to opt out of the exchange pre-install.

For Microgen customers, the NTNP rules regarding deemed payment ~~of~~ for exported electricity will apply.

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Scope of Change

Design Documentation	Business Process	DSO Backend System Change	MP Backend System Change	Tibco	Supplier EMMA	Schema	Webforms	Webservice	Extranet Market Website
☐	☐	☐	☐	☐	☐	☐	☐	☐	☐

Market Messages

Message No.	Message Name	ROI
No Impact	No Impact	No Impact

Data Definitions

No Impact

Data Codes

Market Message Implementation Guides

Message Guide	Yes/No
No Impact	No Impact

Market Process Diagrams – MPDs			
Market Process Number	Market Procedure	Affected	
No Impact		Yes	

Guidance Documentation		
Document	Version	Affected
No impact		No Impact

Briefing Document		
Briefing Document		Affected
No Impact		Yes

User and Technical Documents			
Reference	Name	Version	Affected
No impact			No Impact

Comments
No impact to Market documentation

Part 2 - Performance and Data Changes	
Market Messages volume, processing etc.	
Data	
Details of Data changes e.g. cleansing	

Approved by	CRU