

Market Change Request 1233			Smart Meter Exchanges for 3 Phase Whole Current Meter MCC03 Cohort 1		
Status	Approved	Priority	Medium	Status Date	25/09/2024

Date	Version	Reason for Change	Version Status
31/07/2024	1.0	3 Phase Whole Current Meters configured MCC03 Cohort 1 exchanges	Final
19/09/2024	2.0	Converted to MCR	Final

Part 1 DETAIL OF DISCUSSION REQUEST / MARKET CHANGE REQUEST	
Requesting Organisation(s)	ESBN/SMART
Request Originator Name	Kevin O'Connor
Date Raised	31/07/2024

Classification of Request	
Change Type	Non-Schema Impacting

Detail of Request	
Reason for Request	

Background

The smart metering programme has delivered the exchange of MCC03 Cohort 1, single-phase, whole current, 24-hour + Night Storage Heating meters.

ESBN has completed the procurement of three-phase meters and expect to be ready to deploy in Q3 2025. The initial scope will comprise MCC03 Cohort 1 3 phase whole current meters <=49kVA only at sites where no consumption has been recorded on the heating register for at least 24 months. MCC03 Whole Current 3 Phase total estate is 4,138 meters.

Proposed Solution
<p>The proposed solution will adhere to the existing Single Phase MCC03 Cohort 1 Smart Meter exchange process that has been previously rolled out.</p> <p>The approach consists of replacing the 3-Phase 24-hour meter configured MCC03 with a single RM305 SEM Smart Electricity Meter and removing the storage heating meter.</p> <p>This is a Networks led approach. The site will operate as an MCC01 site post install.</p> <p>Key Points</p> <ul style="list-style-type: none"> CTF proving for 3-Phase Whole Current MCC01 MPRNs will align with the existing process. Smart Data Services requests for MPRNs with 3 Phase Whole Current MCC01 Smart Meters will follow the existing Retail Market design and processes for Single Phase Whole Current MCC01 Smart Meters Remote Re-en/De-en is out of scope for these 3-Phase meters. Once a smart meter is installed half hourly Interval Export data for Active Consumers will be metered rather than deemed for these 3-Phase meters, comms permitting. Deemed values may

be provided regardless of CTF value. A higher CTF value reduces (but does not remove) the probability of deemed values being provided.

- ~~Half Hourly Interval Export data will be metered for 3-Phase MPRNs with a CTF of 03 or 04. Where the CTF is not 03 or 04, export will be deemed based on CRU calculation.~~
- Smart 3 Phase Whole Current New Connections will be eligible to be configured as MCC16 and MCC01

Note:

The definition of 'Active Consumers' in this context is as per the definition on CRU's website at <https://www.cru.ie/regulations-policy/energy/active-consumers-and-energy-communities/>. That is:

An Active Consumer is an individual who:

- generates renewable energy for their own consumption, or
 - sells or stores excess generated electricity, or
 - participates in energy efficiency schemes, or
 - provides flexibility services,
- provided these activities are not their primary profession.

Scope of Change

Design Documentation	Business Process	DSO Backend System Change	MP Backend System Change	Tibco	Supplier EMMA	Schema	Webforms	Webservice	Extranet Market Website
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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

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

Assurance						
Stage	Assurance Requirement	Priority Eligible	Suppliers	ESBN (DSO)	Eirgrid (TSO)	
2&3	Priority assurance eligible	N				
4	Self-Assessment		Y	Y	N	
5	Formal Assessment		N	N	N	
6	IPT		N	N	N	
7	Cut Over Declaration		Y	Y	N	
Stage	IPT - Scenario	Test participants	Market Segment(s)	MPDs	MMs	Number of tests
6	No IPT requirement	n/a	n/a	n/a	n/a	n/a

Approved by	CRU