

Discussion Request 1232			Smart Meter Exchanges for 3 Phase Whole Current Meter MCC02		
Status	Issued to Market	Priority	High	Status Date	31/07/2024

Date	Version	Reason for Change	Version Status
31/07/2024	1.0	3 Phase Whole Current Meters configured MCC02 exchanges	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 MCC02, single-phase, whole current, Day/Night meters.

ESBN has completed the procurement of three-phase meters and expect to be ready to deploy in Q3 2025. The initial scope will include MCC02 3 phase whole current meters <=49kVA only. MCC02 whole current 3 Phase total estate is 33,821 meters

These meters will be used to replace applicable 3-phase whole current meters configured MCC02 (like-for like exchange).

Proposed Solution

The proposed solution will adhere to the existing Single Phase MCC02 Smart Meter exchange process that has been previously rolled out, the only meters in scope are Whole Current MCC02 sites with a 3-phase connection.

The approach consists of replacing the 3-Phase Day/Night meter configured MCC02 with a single SEM configured MCC02 and the exchange will be completed on a like-for-like basis as per MCC02 Single Phase exchanges. This is a Networks led approach.

A new RM Code is required for the 3 Phase Whole Current Smart Meters configured MCC02 - RM306.

An accompanying Code Change Request will be raised for the new RM along with this DR.

Key Points

- CTF proving for 3-Phase Whole Current MCC02 MPRNs will align with the existing process.
- Smart Data Services requests for MPRNs with 3 Phase Whole Current MCC02 Smart Meters will follow the existing Retail Market design and processes for Single Phase Whole Current MCC02 Smart Meters.

- Remote Re-en/De-en is out of scope for these 3-Phase meters.
- Half hourly Interval Export data will be metered rather than deemed for these 3-Phase meters, comms permitting. The maximum export capacity (MEC) at these sites will be <=12kVA.
- 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 MCC02

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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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	

Approved by	CRU