Discussion Request 1241			Smart Meter Exchanges for 1-Phase and 3-Phase CT Meters, MCC01 and MCC02		
Status	Issued to Market	**Priority**	High	**Status Date**	27/10/2026

Date	Version	Reason for Change	Version Status
27/10/2026	1.0	Legacy to Smart CT Meter Exchanges	Final

Part 1 DETAIL OF DISCUSSION REQUEST / MARKET CHANGE REQUEST	
Requesting Organisation(s)	**ESBN/SMART**
Request Originator Name	John Emerson
Date Raised	27/10/2026

Classification of Request	
Change Type	Non-Schema Impacting

Detail of Request

Reason for Request

Background
ESB Networks is proposing to deliver a Smart metering solution for Low Voltage customers with CT meters.

The MPRNs in scope:

- Are DUoS Group DG1, DG2 or DG5
- Are configured MCC01 or MCC02;
- Have legacy meters in the ranges
    - RM400 to RM427; or
    - RM600 to RM699

Volumes comprise approximately

- 5,900 x 1-phase MPRNs; and
- 3,800 x 3-phase MPRNs

The legacy to smart meter exchange will be completed on a like-for-like basis, and the solution is expected to be ready to deploy in 2028.

Proposed Solution

The proposed solution will adhere to the existing MCC01 & MCC02 exchange process that has been previously rolled out for whole current meter sites.

Four new RM Codes are required for these exchanges. Accompanying Code Change Requests will be raised for the new RMs along with this DR.

The four proposed additional RM codes are

- RM150: 1-Phase CT smart meter configured MCC01 on exchange
- RM151: 1-Phase CT smart meter configured MCC02 on exchange
- RM355: 3-Phase CT smart meter configured MCC01 on exchange
- RM356: 3-Phase CT smart meter configured MCC02 on exchange

CTF
The existing processes for CTF proving will apply following smart meter exchange.

Smart Data Services
The existing processes for Smart Data Services requests (MCC12 and MCC16) will apply following Smart Exchange.

De-energisation and Re-energisation
The Remote re-energisation / Remote de-energisation capability is out of Scope for this solution. Where a CT site is to be de-energised or re-energised, a site visit will be required.

Microgeneration and Minigeneration
Microgenerating and Minigenerating CT customers currently receive deemed payments for their export. Once a smart meter is installed, half hourly Interval Export data will be metered rather than deemed for these CT 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-Hour Intervals Estimation and Substitution Rules
Rules regarding HH intervals estimation and substitution are subject to the conditions documented in MCR1238.

*** Customers with installed, and registered, export capacity and whose registered supplier is in receipt of Deemed Export Quantities in line with the Interim Retail Market Microgeneration Solution will move to Metered Export Quantities. In line with CRU Decision 21/131, customers who have a recorded NTNP status at the cutover date will be ineligible for deemed export quantities and such quantities will cease to be provided to their Registered Supplier. This is in line with prior approaches to newly-eligible meter cohorts**

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

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

Approved by	**CRU**