DR/MCR1234			Smart Meter Exchanges for 1-Phase Whole Current MCC03 Cohort 2		
Status	Issued to Market	**Priority**	Fast Track	**Status Date**	04/12/2024

Date	Version	Reason for Change	Version Status
04/12/2024	1.0	MCC03 Meter Exchanges (Cohort 2)	Final

Part 1 DETAIL OF DISCUSSION REQUEST / MARKET CHANGE REQUEST	
Requesting Organisation(s)	ESBN/SMART
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

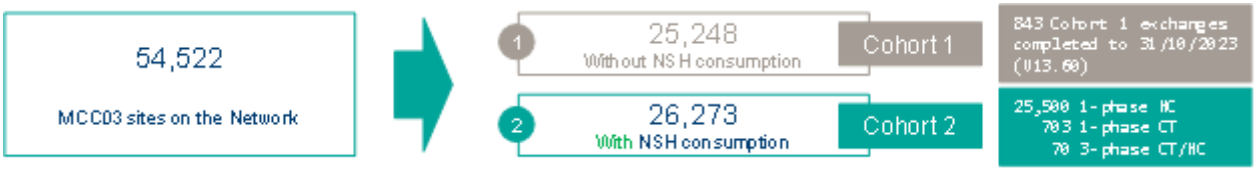
Background

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 smart meter exchanges have been enabled by V13.6~~0~~ 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 the exchange of up to 25,500 Cohort 2 MPRNs.

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

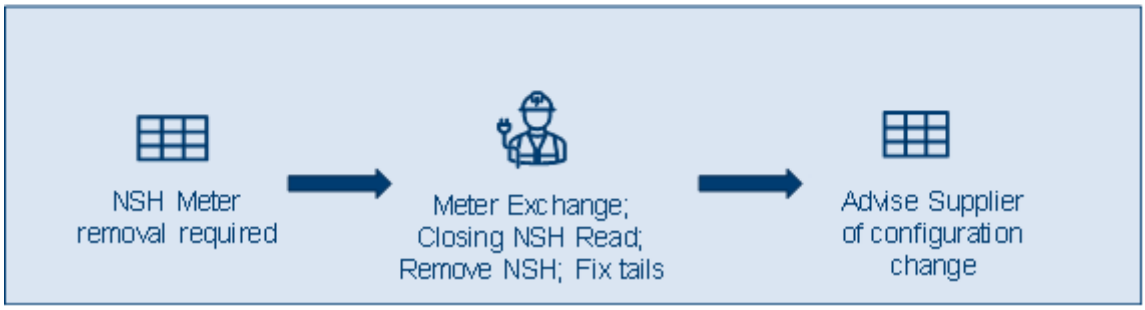
The purpose of DR1234 is to put in place the capability required to exchange single-phase, whole current, MCC03 Cohort 2 meters with a single smart meter. The site will then operate as an MCC02 site post install.

Proposed Solution

DR1234 proposes that ESB Networks leads the exchange of these meters with a single smart meter configured as MCC02.

The proposal is to

- Plan the exchange of up to 25,500 MPRNs
- Contact the Customer via Letter. A specific letter will be issued to these customers in advance of Letter 1
- Letter 1 and letter 2 will then be sent as per current MCC02 process.
- Replace the existing MCC03 24-hour meter with an RM108 smart meter configured as MCC02
- Remove the NSH meter
- Connect the NSH63 relay circuit to the auxiliary load
- Complete any on-site works required to make safe the NSH circuit
- Advise the Supplier of the completion of the exchange via MM332



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 Night time; and
  - Open the relay (deactivating the heating) at the start of MCC02 Day time

The customer will be able to opt out of the exchange pre-install.
For Microgen customers, the NTNP rules regarding payment of exported electricity will apply.

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