

| Discussion Request 1233 | | | Smart Meter Exchanges for 3 Phase Whole Current Meter MCC03 Cohort 1 | | |
|-------------------------|----------|----------|--|-------------|------------|
| Status | Approved | Priority | Medium | Status Date | 28/08/2024 |

| Date | Version | Reason for Change | Version Status |
|------------|---------|--|----------------|
| 31/07/2024 | 1.0 | 3 Phase Whole Current Meters configured MCC03 Cohort 1 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 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 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. Half hourly Interval Export data for Active Consumers will be metered rather than deemed for these 3-Phase meters, comms permitting. |

- 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

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 | |

| Approved by | CRU |
|-------------|-----|
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