RETAIL ENERGY CODE

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01	Initial Assessment Report
02	Preliminary Change Report
03	Final Change Report

PRELIMINARY CHANGE REPORT

R0008 – CONSEQUENTIAL NEW AND AMENDED MARKET MESSAGES FOR BSC MODIFICATION P375

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DOCUMENT APPROVAL STATUS	APPROVED BY RESPONSIBLE COMMITTEE

RESPONSIBLE COMMITTEE	TECHNICAL EXPERT PANEL

LEAD ANALYST	Gemma Dixon	EMAIL
TECHNICAL LEAD	Beth Brown	EMAIL

CHANGE OVERVIEW

This change makes the necessary consequential changes for new and amended Market Messages for BSC Modification P375 “Settlement of Secondary BM Units using metering behind the site Boundary Point”.

CODE MANAGER’S RECOMMENDATION

The Code Manager recommends Change Proposal R0008 is **APPROVED** for implementation on 30 June 2022.

	High Impact: None
	Medium Impact: Half Hourly Data Collectors, Half Hourly Metering Equipment Managers, Supplier Volume Allocation Agent
	Low Impact: Energy Suppliers, Distribution Network Operators

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BACKGROUND

1 SUMMARY

Balancing and Settlement Code (BSC) Modification P375 “Settlement of Secondary BM Units using metering behind the site Boundary Point” was raised in December 2018 under the BSC and proposed to make the settlement of Balancing Services for TERRE or the Balancing Mechanism (BM) more accurate by using metering equipment ‘behind the Boundary Point Meter’.

BSC P375 was approved by the Authority on 24th February 2021 for implementation on 30June 2022 as part of the June 2022 BSC Release.

The approved solution introduces one new Market Message for P375 that should be transmitted across the Data Transfer Network (DTN): ‘Dxxxx - Asset Metering System Half Hourly Metered Data’, which will be sent from Half Hourly Data Collectors (HHDCs) to the Supplier Volume Allocation Agent (SVAA). The Dxxxx contains one new Data Item and will use the existing ‘MPAN Core’ Data Item to describe the new Asset Metering System Ids (AMSIDs).

There are also 20 existing Market Messages that will require one or more new Scenario Variants to support the new Asset Metering Virtual Lead Party (AMVLP) hub processes. Where the new Scenario Variants sent to/from the AMVLP include the MPAN Core (J0003) Data Item, this will be populated with the AMSID Data Item. These Market Messages and Data Items are owned by both the REC and BSC. This Change Proposal will address six amendments required for REC owned Market Messages and Data Items. The BSC have made changes under their change control process to introduce the new Dxxxx Market Message and required Data Items and amend the fourteen BSC owned Market Messages. The changes were presented to the BSC Panel at its meeting on the 09 September 2021. The BSC Panel approved those BSC owned changes and recommended the approval of those REC owned changes. Due to the implementation date being after the closure of the MRA, and the full REC change process not going live until 1st September 2021, this consequential change to amend the Energy Market Data Specification could not be raised before 01 September 2021.

2 PROBLEM STATEMENT

BSC Modification P375 will be implemented on 30 June 2022 and introduces a new role of Asset Metering Virtual Lead Party (AMVLP), to allow settlement of meters ‘behind the boundary point’. To enable this, the AMVLP will need to exchange Market Messages with other Market Participants that underpin the new process being introduced by the BSC. Some of these Market Messages are governed by the REC and require a consequential REC Change Proposal to deliver the full solution.

3 USER STORIES

REF.	USER STORIES
CONSUMER USER STORIES	
C1	As a Consumer I want to be able to access aggregation services so that I can take full advantage of commercial opportunities for my onsite generation or demand reduction.
MARKET PARTICIPANT USER STORIES	
M1	As a Market Participant, I need to understand any changes to Market Messages I send and receive that may impact my business, so I can engage in the change process and plan any required changes to my systems and processes.
M2	As an Asset Metering Virtual Lead Party, I need to be recognised as a valid Market Data Service, so that I can appoint BSC Qualified Agents and fulfil relevant metering operations and data collection activities for Asset Metering.

PROPOSAL

4 SUMMARY OF ANALYSIS UNDERTAKEN

Analysis of the issue identified that there are amendments required to six REC owned Market Messages and Data Items.

5 KEY RISKS, ASSUMPTIONS, ISSUES AND DEPENDENCIES

5.1 RISKS AND ISSUES

No risks or issues have been identified that may impact the progression or implementation of the proposed solution for this Change Proposal.

5.2 ASSUMPTIONS AND DEPENDENCIES

No.	DEPENDENCY	NOTES	STATUS
D1	There is a dependency on the corresponding BSC change making equivalent changes to BSC owned Market Messages.	The Code Manager will work with the BSC to ensure that the updates included in this Change Proposal fully align with the equivalent BSC changes.	Closed

6 PROPOSED SOLUTION

The proposed solution reflects the solution already assessed by the Master Registration Agreement under MRA SPF 109. The solution will update an existing Data Item to enable the use of AMSID as an alias of the MPAN (J0003) and will add new Scenario Variants to six Market Messages, for these to be sent to/from the AMVLP. The solution also adds AMVLP as a valid Market Data Service in the Standards Definition document.

Market Message ID	Legacy DTC Code	Market Message Name
MM00021	D0134	Request to Change Energisation Status
MM00036	D0139	Confirmation or Rejection of Energisation Status Change
MM00042	D0142	Request for Installation or Change to a Metering System Functionality or the Removal of All Meters
MM00121	D0221	Notification of Failure to Install or Energise Metering System
MM00156	D0268	Half Hourly Meter Technical Details
MM00236	D0302	Notification of Customer Details

Data Item Number	Legacy DTC Reference	Data Item Name
DI50003	J0003	MPAN Core

7 DRAFT LEGAL TEXT

The legal text changes to deliver the proposed solution to R0008 can be found on the Change Proposal Page in the REC Portal.

8 PROPOSED IMPLEMENTATION DATE AND APPROACH

PROPOSED IMPLEMENTATION DATE	30 June 2022

PROPOSED IMPLEMENTATION APPROACH	BIG BANG

The implementation date needs to align with the implementation date for BSC P375. BSC P375 has already been approved for implementation on 30 June 2022.

9 CHANGE PATH

CHANGE PATH	SELF-GOVERNANCE

10 RESPONSIBLE COMMITTEE

RESPONSIBLE COMMITTEE	TECHNICAL EXPERT PANEL

11 BUSINESS CASE ASSESSMENT

The business case for implementing this Change Proposal was assessed under the BSC P375. The Final Modification Report for BSC P375 is available on the Change Proposal Page on the REC Portal, and includes details of the costs and benefits identified by the BSC.

This Change Proposal has been raised to implement the consequential changes to the Data Specification required to align with the approved BSC solution.

We have not identified additional material costs or impacts to that of the BSC Modification Proposal, and failure to implement these changes would not allow the new AMVLP role to operate the required processes in the market and the full business case for P375 to be met. We consider that the business case made by the BSC is also relevant to this modification.

12 CASE FOR CHANGE

The Code Manager considers that there is a positive case for change to implement this Change Proposal, on the basis that:

- The proposed solution is fully formed and appropriately resolves the problem statement.
- A positive business case has already been made and approved by the BSC under the primary BSC modification (P375).
- The impact of not implementing this solution would cause detriment to Market Participants, as there would be no mechanism for AMVLPs to appoint BSC Qualified Agents and operate required processes in the market.
- The implementation of the solution will support the introduction of the expected benefits to the market anticipated by BSC P375.

13 CODE MANAGER'S RECOMMENDATION

Based on the evidence in sections 11 and 12 of this report, the Code Manager considers a positive business case can be made for implementing this solution and recommends that the Technical Expert Panel:

- **APPROVE** the proposed change solution;
- **APPROVE** the proposed implementation approach; and
- **APPROVE** the proposed implementation date of 30 June 2022.

14 CONSULTATION PLAN AND NEXT STEPS

The consultation on this Preliminary Change Report for R0008 will be published on the REC Portal on 15 November 2021 and will close on 06 December 2021.

Following consultation, the Code Manager will produce an updated version of this Preliminary Change Report (referred to as the Final Change Report). This will include the outcome of the consultation, setting out a summary of the consultation submissions and the Code Manager's response.

The Final Change Report will be issued to the Technical Expert Panel to make its determination.

15 APPENDIX

CHANGE PROPOSAL	Change Proposal Page
LEGAL DRAFTING	Link to EMAR - Change Sets
RELATED CHANGE(S)	P375 'Settlement of Secondary BM Units using metering behind the site Boundary Point' - Elexon BSC