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

INITIAL ASSESSMENT REPORT

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

DOCUMENT VERSION	1.0
DATE ISSUED	12/10/2021
DOCUMENT APPROVAL STATUS	APPROVED BY REC CHANGE PANEL

RESPONSIBLE COMMITTEE	TECHNICAL EXPERT PANEL

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”.

	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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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 30th June 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 instances 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 6 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 14 BSC owned Market Messages. The changes were presented to the BSC Panel at its meeting on the 9th 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 1st September 2021.

2 PROBLEM STATEMENT

BSC Modification P375 will be implemented on 30th 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 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.

4 IMPACTS

REC PARTIES AND SERVICE USERS
Energy Suppliers
Distribution Network Operators
HH Data Collectors
HH Data Aggregators
Metering Equipment Managers
Virtual Lead Parties

REC SERVICE PROVIDERS
N/A

CONSUMERS
Domestic Consumers
Microbusiness Consumers
SME Consumers
I&C Consumers

REC DOCUMENTS / PRODUCTS
Data Item Catalogue • MPAN Core DI50003 Data Item (J0003)
Market Message Catalogue • MM00021 (D0134) • MM00036 (D0139) • MM00042 (D0142) • MM00121 (D0221) • MM00156 (D0268) • MM00236 (D0302)
Standards Definition Document

RECCO AND REC CODE MANAGER
N/A

This change 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.

Link to the Change Set in EMAR: Change Set

In addition, approved Changes to BSC owned metadata are set out below:

i. The new (Dxxxx) Market Message
ii. The new (Jxxxx) Data Item;
iii. The new (Jyyyy) Data Item; and
iv. The new instances of the BSC-owned Market Messages for implementation in the June 2022 Release of the EMAR:
    - D0001, D0002, D0005, D0008, D0010, D0011, D0022, D0148, D0151, D0155, D0170, D0261, D0383 and D0384

4.1 CROSS CODE IMPACTS

This change is a consequential change to reflect the solution approved by the Authority for Balancing and Settlement Code Modification P375.

Market Messages and Data Items that are owned by other codes are still subject to change control by the relevant metadata owner. The changes required to BSC owned Market Messages and Data Items were approved by BSC Panel on the 9th September 2021.

5 CHANGE PATH AND RESPONSIBLE COMMITTEE

CHANGE PATH	SELF-GOVERNANCE
RESPONSIBLE COMMITTEE	TECHNICAL EXPERT PANEL

This Change Proposal is a Data Specification only change and does not impact on the REC Main Body or Schedules. We propose that the Responsible Committee for this Change Proposal should be the Technical Expert Panel.

6 PRIORITY STATUS AND URGENCY

PRIORITY STATUS	HIGH
URGENCY	STANDARD

The Priority Status for this Change Proposal is ‘High’ based on a ‘Significance’ score of ‘1’ and an ‘Urgency’ score of 3. This is broken down as below:

Significance:

Legal/Regulatory Compliance – score of 2 to reflect that BSC Parties could not be compliant with the BSC and the Data Specification if they could not send the required Market Messages set out in the process approved by P375.

Consumer Impacts – score of 1 to reflect a minor improvement to the consumer experience. While this Change Proposal does not directly influence the consumer experience, it supports the efficient implementation of the BSC Modification which will unlock an additional revenue stream through the provision of Balancing Services. It also increases the range of viable assets for Balancing Services within a site, which will help open the market to a wider group of consumers.

Urgency:

This Change Proposal has been given an urgency score of 3 to reflect the need for it to be progressed immediately for it to achieve its required timetable. However, a standard timetable will enable the change to progress appropriately.

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PRIORITISATION MATRIX

Significance	Score	Weighting
Legal/Regulatory Compliance	2	30
Strategic Direction	0	20
Cost Benefits / Value	0	10
Consumer Impacts	1	30
Operational Efficiency	0	10

Weighted Significance Score	1
Urgency	3
Overall Priority Score	13
Effort	0 - Minimal

Urgency

3	N/A	13	23	33
2	02	12	22	32
1	01	11	21	31
0	00	10	20	N/A

Significance

Priority Score	Priority Status
23 - 33	Critical
13 - 22	High
11 - 21	Medium
00 - 10	Low

PRIORITY STATUS

High

7 SUMMARY OF CHANGE PROPOSAL PLAN

The solution to this Change Proposal has already been defined. An Impact Assessment was completed under Master Registration Agreement (MRA) SPF109.

A consultation period of 15 Working Days has been included to accommodate this, while still supporting the timetable to allow a decision to be made in time for implementation in the June 2022 REC release.

	FROM	TO
PRELIMINARY CHANGE REPORT ISSUED	01/11/2021	01/11/2021
TECHNICAL EXPERT PANEL APPROVAL (EX-COMMITTEE)	08/11/2021	08/11/2021
CONSULTATION ISSUED	15/11/2021	06/12/2021
FINAL CHANGE REPORT ISSUED	15/12/2021	15/12/2021
TECHNICAL EXPERT PANEL DECISION	22/12/2021	22/12/2021

8 GLOSSARY

TERM	DEFINITION
Data Item	means the most granular level of data defining a specific attribute in respect of a Data Type, the permissible values for which are defined and controlled in the Data Item Catalogue.
Energy Market Data Specification	means the document of that name forming part of the Technical Specification.
Market Message	means a structured communication sent between two Market Participants in the form and with the content required (and as otherwise specified) by the Data Specification.
BSC Modification Proposal	means a proposal to modify the Balancing and Settlement Code.
BSC Panel	means the body established in accordance with Section B of the Balancing and Settlement Code.
Master Registration Agreement (MRA)	means the Master Registration Agreement formerly referred to in the Electricity Supply Licences, prior to Retail Code Consolidation on 1st September 2021.
Supplier Volume Allocation Agent (SVAA)	means the BSC Agent for Supplier Volume Allocation in accordance with Section E of the Balancing and Settlement Code.
BSC Agent	means the person or persons for the time being appointed for the purposes of providing the services specified (or as may be specified) in a BSC Service Description and as otherwise described in Section E of the Balancing and Settlement Code.