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

# INITIAL ASSESSMENT REPORT

## R0132 – CHANGE THE LOGICAL FORMAT OF THE J0001

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| **DOCUMENT VERSION** | v1.0 |
| **DATE ISSUED** | 12/09/2023 |
| **DOCUMENT APPROVAL STATUS** | APPROVED |

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| **RESPONSIBLE COMMITTEE** | TECHNICAL EXPERT PANEL | **CHANGE PATH** | SELF-GOVERNANCE |
| **PRIORITY STATUS** | CRITICAL | **URGENCY** | URGENT |

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| **DEADLINE FOR ALTERNATIVE CHANGE PROPOSALS** | 24/11/2023 |

**LEAD CHANGE ANALYST**



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### CHANGE OVERVIEW

This Change Proposal looks to implement changes to REC Market Messages impacted by the change in the logical format of the J0001 (DI50001) 'Market Participant Role Code' from a character length of one to a character length of two.

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| | High Impact:<br>Energy Suppliers<br>Distribution Network Operators<br>Metering Equipment Managers<br>Data Collectors<br>Data Aggregators<br>Green Deal Providers<br>Electricity Retail Data Service |
| | Medium Impact:<br>Electricity Enquiry Service<br>Secure Data Exchange Service<br>Green Deal Central Charging Service |
| | Low Impact:<br>N/A |

## 1 BACKGROUND

The current logical format of the J0001 (DI50001) 'Market Participant Role Code' (MPRC) allows only one character, which means that there are only 36 possible MPRCs – 26 letters and 10 numbers. The Market-wide Half Hourly Settlement (MHHS) Programme is introducing several new Market Participant Roles, which require new MPRCs. This, is in addition to other recent industry changes requiring new role codes, means that all the existing possible role codes have now all been allocated. Those that have been allocated to the MHHS Programme need the confirmed codes for the development and testing of the new MHHS systems. This means that the BSC are now unable to allocate any new role codes, which is a significant impediment to the implementation of new Electricity market solutions.

REC Change Proposal R0043 – Commissioning of Works by the Crowded Meter Room Coordinator (CMRC) to Resolve Issues In Crowded Meter Rooms, introduces a new market role that will need a new MPRC. It is possible that there may also be other Electricity industry solutions and initiatives that will look to be implemented before the end of the MHHS Transition Period, which creates a risk to competition.

The Balancing and Settlement Code (BSC), as the data item owner, will be raising a BSC Change Proposal (BSC CP) to change the logical format of the J0001 data item, and the associated impacts to BSC-owned Market Messages and Market Domain Data (MDD). The proposed solution is to change the logical format from one character to two characters which will provide potentially thousands of new MPRCs. Two characters will only be required for new role codes. All existing role codes will continue to be one character. The proposal is that the logical format will allow both one and two characters. Other solutions have been considered but have discounted during development of the solution.

## 2 PROBLEM STATEMENT

Under the current logical format there are only 36 possible MPRCs available for the Electricity industry, and they have all been allocated. The BSC are therefore currently unable to allocate new MPRCs and propose to update the logical format of the J0001 (DI50001) 'Market Participant Role Code'. REC owned Market Messages will need to be updated to accommodate the new logical format.

## 3 USER STORIES

| REF. | USER STORIES |
|---|---|
| **MARKET PARTICIPANT USER STORIES** | |
| M1 | As a new Market Participant, I want to be able to implement Electricity industry solutions and initiatives utilising industry systems that require me to be assigned a MPRC |
| M2 | As an existing Market Participant, I want to be able to define my interactions with other Market Participants using unique Market Role code identifiers |

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| M3 | As the BSC, I want to be able to assign new MPRCs so that we can fulfil requests as part of new market solutions |
| M4 | As a new or existing Market Participant, I want to be able to continue sending and receiving Market Messages which include the MPRC within the file |

## 4 IMPACTS

| REC PARTIES AND SERVICE USERS |
|---|
| Energy Suppliers |
| Distribution Network Operators |
| Metering Equipment Managers |
| Data Collectors |
| Data Aggregators |
| Green Deal Providers |

| REC SERVICE PROVIDERS |
|---|
| Electricity Retail Data Service (ERDS) Providers |
| Electricity Enquiry Service Provider |
| Secure Data Exchange Service Provider |
| Green Deal Central Charging Service Provider |

| REC DOCUMENTS / PRODUCTS |
|---|
| Data Specification:<br><br>Data Item<br>- DI50001 (J0001)<br><br>Market Messages containing the J0001<br>- MM00283 (D0331) v1 Update Green Deal Market Data<br><br>Note: All REC owned Market Messages exchanged via the Data Transfer Network (DTN) will be impacted |

This change will not directly impact the Consumer, as the direct impact is on existing and potential new Market Participants.

The proposed changes are to the Data Specification and impact both BSC-owned and REC-owned Market Messages. The primary change to the J0001 will be delivered by the BSC CP as the data item is BSC-owned.

There is only one REC-owned Market Message that contains the J0001, which is the D0331 'Update Green Deal Market Data'. The following BSC-owned Market Messages in the Data Specification are also directly impacted because of the inclusion of the J0001 in the message.

- D0269 (MM00161) v4 Market Domain Data Complete Set v4
- D0270 (MM00182) v4 Market Domain Data Incremental Set v4
- D0383 (MM00370) v1 Notification of Commissioning Information
- D0269 (MM00442) v2 Market Domain Data Complete Set v2
- D0270 (MM00443) v2 Market Domain Data Incremental Set v2

Although the J0001 is not included within the structure of any other Market Messages, all Market Messages exchanged via the DTN include the role code in the file header. Therefore, there will be a significant impact to all Market Participants, including REC Parties, who use the DTN to send and receive Market Messages.

It has been identified that all REC Services will be impacted by this change, except for the Central Switching Service (CSS).

There are no changes needed to legal text in any of the REC schedules.

## 5 CROSS CODE IMPACTS

BSC will raise a Change Proposal which will be progressed by the Supplier Volume Allocation Group under the BSC. The Cross Code Steering Group (CCSG) have confirmed BSC will be the lead code as the impact is greater for the BSC in terms of qualification processes.

The Code Manager is working with Elexon to align the REC Change Proposal Plan with the BSC Change Process and will continue to co-ordinate progression of this Change Proposal.

## 6 CHANGE PATH AND RESPONSIBLE COMMITTEE

| CHANGE PATH | SELF-GOVERNANCE |
|---|---|

| RESPONSIBLE COMMITTEE | TECHNICAL EXPERT PANEL |
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Technical Expert Panel has been determined as the Responsible Committee as the proposed changes are to the Data Specification only. The change will follow a self-governance change path.

## 7 PRIORITY STATUS AND URGENCY

| Category | Significance / Resource impacts / Urgency | Further selection / breakdown | Score (0-3) | Weighting | Weighted Score |
|---|---|---|---|---|---|
| **Impacts** | Consumer Impact | Indirect | 1 | 25 | 25 |
| | Retail Markets Impact | Innovation and Market Arrangements | 3 | 15 | 45 |
| | RECCo / REC Party / REC Service Provider Impact | Operational Effectiveness and Efficiencies | 0 | 5 | 0 |
| | | Legal and Regulatory Compliance | 1 | 13 | 13 |
| **Resource** | Complexity / Effort / Duration | | 2 | 8 | 15 |
| **Strategic Alignment** | Contribution to/ Alignment with the objectives of the REC | | 2 | 15 | 15 |
| | Contribution to/ Alignment with RECCo's Forward Work Plan | | 2 | | 15 |
| **Urgency** *(The need to progress a change to meet a targeted date)* | | Other Planned Activity (High Priority activity) | 3 | 20 | 60 |
| | | | | Overall Priority Score (rounded) | 188 |

| Priority Status | CRITICAL |
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| Change Proposal Type | URGENT |
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This Change Proposal has a 'Critical' priority status based on a prioritisation score of 188 and has been assessed as an urgent change. This is broken down as below:

Impact:

- Consumer– a score of 1 as this change will not directly impact the consumer, as the direct impact is on existing and potential new Market Participants but will enable future Electricity industry solutions.
- Innovation and Market Arrangements – a score of 3 as it has a major impact in introducing innovation across the electricity retail market. Not being able to allocate new MPRCs will lead to a significant impediment to the implementation of new electricity market solutions.
- Legal Regulatory and Compliance – a score of 1 to reflect the minimal impact of being able to meet obligations/of all relevant laws, regulations and licence conditions. This will affect obligations on parties being able to communicate with the market and sending information via Market Messages.

Resource:

- Complexity/Effort/Duration – a score of 2 to reflect that this is a standard Change Proposal that requires validation of the draft solution and impact assessment, therefore the change process will take between 4 and 10 months.

Strategic alignment:

- Contribution to the REC Objectives – a score of 2 to reflect moderate improvements to the effectiveness of the operation of the REC and wider industry objectives.
- Contribution to RECCo's Forward Work Plan – a score of 2 to reflect a moderate contribution to the implementation of activity and changes set out in RECCo's Forward Work Plan. MHHS will present an opportunity for new Market Participants to offer new services to Consumers, which will require new MPRCs.

Urgency:

- This Change Proposal has been given an urgency score of 3 to reflect the urgent need for new MPRCs. There is a dependency on this change creating new MPRCs which affects the implementation of R0043 – Commissioning of Works by the Crowded Meter Room Coordinator (CMRC) to Resolve Issues In Crowded Meter Rooms. Additionally, any new organisation that wishes to introduce new services (including those post MHHS) may require new MPRCs. A lack of available MPRCs presents a barrier to introducing innovation in new services for Consumers.

## 8 SUMMARY OF CHANGE PROPOSAL PLAN

We consider that there is an immediate priority to progress this Change Proposal due to its critical prioritisation and urgent Change Proposal type, since there are currently no MPRCs

available. R0043 is targeting a June 2024 implementation and requires a new MPRC as part of its solution. The plan has been developed on the assumption that REC Parties and potentially Service Providers are likely to need 6 months lead time for this change to be implemented.

The Change Proposal Plan provides for the activities and engagement necessary to progress to Service Provider impact assessment in September, Party impact assessment in October before progressing to assessment and industry consultation. The plan allows for continued engagement and alignment with the BSC Change Process which is looking to consult at the same time as the REC Code Manager.

| | FROM | TO |
|---|---|---|
| SOLUTION ANALYSIS AND DEVELOPMENT | 14/08/2023 | 11/09/2023 |
| SERVICE PROVIDER IMPACT ASSESSMENT PERIOD | 15/09/2023 | 08/11/2023 |
| PARTY IMPACT ASSESSMENT | 06/10/2023 | 27/10/2023 |
| PRELIMINARY CHANGE REPORT ISSUED | 15/11/2023 | 15/11/2023 |
| RESPONSIBLE COMMITTEE REVIEW (EX-COMMITTEE) | 22/11/2023 | 22/11/2023 |
| CONSULTATION | 24/11/2023 | 08/12/2023 |
| FINAL CHANGE REPORT ISSUED | 22/12/2023 | 22/12/2023 |
| RESPONSIBLE COMMITTEE DECISION (EX-COMMITTEE) | 11/01/2024 | 11/01/2024 |
| APPEAL WINDOW CLOSURE | 26/01/2024 | 26/01/2024 |

## 9 GLOSSARY

| TERM | DEFINITION |
|---|---|
| Market Participant | means a participant in either or both of the gas and electricity markets of Great Britain, each of which is identified by a Market Participant Role. |
| Market Participant Role | means a concatenation of a Market Participant Identifier and Market Role. |
| Market Participant Role Code (MPRC) | means the code which identifies the role which a Market Participant performs in the market. |

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| Market Role | means a role defined within Market Domain Data, or a role defined and recognised within Interpretations and Definitions 56 Copyright 2023 Retail Energy Code Company another Energy Code. |
| Market Messages | 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. |
| Data Transfer Network (DTN) | has the meaning given to that expression in the Data Transfer Services Agreement. |
| Market Domain Data | means, the central repository of reference data maintained in both gas and electricity for use by respective Market Participants. |
| Balancing and Settlement Code (BSC) | means the Balancing and Settlement Code, as defined in the Electricity Supply Licences. |
| Energy Suppliers | means a person which is either or both an Electricity Supplier and/or a Gas Supplier. |
| Distribution Network Operators (DNO) | means a person holding an Electricity Distribution Licence. |
| Metering Equipment Managers (MEM) | means, as applicable, either: (a) for electricity, the 'Meter Operator Agent' (as defined in the BSC) Appointed by an Electricity Supplier; or (b) for gas, the 'Meter Asset Manager' (as defined in the UNC) Appointed by the Gas Supplier |
| Data Collectors (DC) | means the person Appointed by an Electricity Supplier to collect and process meter readings for an RMP as further described in the Balancing and Settlement Code. |
| Data Aggregators (DA) | means the person Appointed by an Electricity Supplier to aggregate consumption data for an RMP as further described in the Balancing and Settlement Code. |
| Green Deal Providers | means a Non-Party REC Service User which has Qualified as a Green Deal User in that capacity. |
| Electricity Retail Data Service (ERDS) | means the electricity registration services provided under this Code to support the provision of electricity retail data to the CSS and other services. |
| Electricity Enquiry Service (EES) | means the service described as such in the EES Service Definition. |
| Secure Data Exchange Service (SDES) | means the service described in the SDES Service Definition. |
| Green Deal Central Charging Database (GDCC) | means the database maintained pursuant to the GDCC Service. |