RETAIL ENERGY CODE

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| 01 | Proposal Plan |
|---|---|
| 02 | Impact Assessment |
| 03 | Consultation |
| 04 | Final Recommendation |

# CHANGE REPORT

## I0222 - ESME ID UPDATE REJECTIONS

| | |
|---|---|
| **DOCUMENT VERSION** | V1.0 |
| **PROPOSED IMPLEMENTATION DATE** | TBD |
| **IMPLEMENTATION APPROACH** | Big Bang |

| | | | |
|---|---|---|---|
| **RESPONSIBLE COMMITTEE** | Change Panel | **CHANGE PATH** | Self-Governance |
| **PRIORITY STATUS** | High | **URGENCY** | Standard |
| **IMPACTED STAKEHOLDERS** | ERDA, DNOs, Suppliers, MOAs | | |


| LEAD ANALYST (SOLUTION LEAD) | SUBJECT MATTER EXPERT |
|---|---|
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## OVERVIEW

The Electricity Smart Meter Equipment (ESME) ID is a unique identifier that provides a designation for a Smart Meter. Electricity Retail Data Agent (ERDA) systems were updated as per the requirements in R0033 to not allow for multiple incidences of an individual ESME ID to be registered, and reject the update, even when a second incidence of an ESME ID would be legitimate, for example in the case of a re-use of Metering Asset or a crossed meter. This Issue seeks to resolve this feature of the ESME ID validation while maintain data accuracy.

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# BACKGROUND

## 1 SUMMARY

The ESME ID, and its associated validation, was introduced in R0033, implemented in November 22.. More background information can be found in the Change Report for R0033. The issues underlying I0222 result from an unintended consequence of the implementation of the R0033 requirements; these consequences were not highlighted during the R0033 impact assessment process.

Where the ESME ID sent within a Market Message is subject to validation, current ERDA only permit for a single instance of an ESME ID to be used. Validation is conducted at a Distributor level by ERDA. This results in a system where an ESME ID may only appear once in a DNO's portfolio, which can result in unintentional consequences beyond the intended validation effects.

The inability to accept beyond a single ESME ID means that it is not possible, for instance, for a Supplier to re-use a Metering Asset, once removed, in a different property, as the ID remains the same in the new property as the old. This results in both operational difficulties for the Supplier, the DNO, and ERDA, as well as a poor Consumer outcome, as billing and switching processes may be affected.

## 2 PROBLEM STATEMENT

ERDA data validation on the ESME ID Data Item in the D0312(MM00256) Market Message is imperfect, and can result in invalid rejections. This occurs when more than one incidence of an ESME ID is passed through individual ERDA system, as it only allows for a single occurrence, even if historic ones have been end-dated. In situations where a Metering Asset has been re-used, thus re-using the ESME ID, a rejection will occur, in an example of an unintended functionality of the validation system.

## 3 IMPACTS

| CONSUMERS |
|---|
| Smart Consumers - Indirect |

| REC SERVICE PROVIDERS |
|---|
| ERDA |

| RECCO / REC CODE MANAGER |
|---|
| - |

| REC PARTIES AND SERVICE USERS |
|---|
| Suppliers |
| MOAs |
| DNOs |

| REC DOCUMENTS / PRODUCTS |
|---|
| TBD |

| MHHS DESIGN | MHHS DATA SPECIFICATION | MHHS CODE DRAFTING |
|---|---|---|
| Indirect | TBD | N/A |

ERDA will be impacted directly as they carry out the ESME ID validation process. Suppliers and MOAs will be impacted as Parties who receive the D0312 rejection Market Message containing the ESME ID rejection reason.

There is also an indirect impact on the MHHS Program – Whilst the I0222 solution options will not affect MHHS drafting, these validation errors need to be resolved quickly, as the ESME ID Data Item is used (and must be used accurately) in several planned MHHS processes.

Smart Consumers will be impacted as D0312 rejections may lead to inaccurate data being available via EES at the time of a switch.

## 4 CROSS-CODE IMPACTS

The ESME ID Data Item is not changing, only how it is validated so no SEC impact is expected.

## 5 PROPOSAL PLAN

| Milestone | Activity | From | To |
|---|---|---|---|
| **Definition** | | **04 Feb 25** | **31 May 25** |
| | Solution Development | Feb | March |
| | Legal Review | Feb | March |
| | Impact Assessment | Feb | May |

## 6 STAKEHOLDER ENGAGEMENT

The Code Manager will engage, as needed, with industry as the Issue develops. In the short term, this Issue is to be discussed at the February 25 REC Change Issues Group (CHIG) meeting in order to workshop the proposed solution options. The Issue will then be discussed at future meetings of the CHIG as required.

The Code Manager will also discuss this Issue at various other forums (such as the Technical Change Workshop, and the REC Issues Group), on an as-needed basis.

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## 7 PRIORITY STATUS AND URGENCY

**PRIORITISATION MATRIX**

| Category | Significance / Resource impacts / Urgency | Further selection / breakdown | Score (0-3) | Weighting | Weighted Score |
|---|---|---|---|---|---|
| **Impacts** | Consumer Impact | Direct | 2 | 27 | 53 |
| | Retail Markets Impact | Innovation and Market Arrangements | 2 | 17 | 33 |
| | RECCo / REC Party / REC Service Provider Impact | Operational Effectiveness and Efficiencies | 2 | 7 | 13 |
| | | Legal and Regulatory Compliance | 0 | 14 | 0 |
| **Resource** | Complexity / Effort / Duration | | 2 | 9 | 18 |
| **Strategic Alignment** | Contribution to/ Alignment with the objectives of the REC | | 2 | 17 | 17 |
| | Contribution to/ Alignment with RECCo's Forward Work Plan | | 1 | | 8 |
| **Urgency** *(The need to progress a change to meet a targeted date)* | | Other Planned Activity | 2 | 10 | 20 |
| | | | | Overall Priority Score (rounded) | 163 |

| Priority Score | Priority Status |
|---|---|
| 171 and above | Critical |
| 151 to 170 | High |
| 101 to 150 | Medium |
| 0 to 100 | Low |

| | |
|---|---|
| Priority Status | HIGH |
| Change Proposal Type | STANDARD |

*Urgent Change Proposals meet the Criteria for Urgency as set out by Ofgem*

This Issue has been given a priority status of High, based on a score of 163. This score has been calculated on the basis of most metrics having been given a score of moderate impact/complexity/urgency. This reflects the substantial scale of change that this Issue seeks to deliver, as it will resolve unintended functionalities that impact systems affecting Consumers, the MHHS Programme, and multiple REC Parties and a Service Provider.

## 8 APPENDIX

| | |
|---|---|
| **CHANGE PROPOSAL** | Link |
| **RELATED CHANGE – R0033** | Link |

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## 9 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. |
| DNO | means a person holding an Electricity Distribution Licence. |
| ERDA | means a provider of a DNO's Electricity retail data service. |
| 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. |
| Metering Asset | shall have the same meaning as Metering Equipment. |
| MOA | means a Party which has Qualified in that role under the Qualification and Maintenance Schedule. Where used in respect of a particular Metering Point, it means the MOA Appointed by an Electricity Supplier in accordance with the Metering Operations Schedule. The MOA is accountable for the installation, replacement, repair and maintenance of electricity Metering Equipment (either itself or by an EMO), and the MOA must also therefore be Accredited under the Metering Accreditation Schedule. |
| Supplier | means a person which is either or both an Electricity Supplier and/or a Gas Supplier. |