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MP089

‘Changes to Appendix R ‘Common Testing Scenarios Document’

Modification Report

Version 1.0

About this document

This document is the Modification Report for [MP089 'Changes to Appendix R 'Common Testing Scenarios Document''](#). It provides detailed information on the background, issue, solution, costs, impacts and implementation approach. It also summarises the discussions that have been held and the conclusions reached with respect to this Modification Proposal.

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This document also has one annex:

- **Annex A** contains the redlined changes to the SEC required to deliver the proposed solution.

1. Summary

Following the implementation of [SECMP0025](#) and [SECMP0039](#) in the November 2019 SEC Release, User Entry Process Tests (UEPT) and adaptive UEPT needs to be updated in Appendix R 'Common Testing Scenarios Document' (CTSD). This update will mandate the testing of Service Reference Variants (SRVs) by the additional User Roles that were granted eligibility in the aforementioned SEC Modifications. Additionally, the testing requirements of SRV 6.2.10 for Electricity Distributors (EDs) requires amendment. CTSD mandates that an ED must test SRV 6.2.10 for SMETS1 Devices which is not possible according to the specifications in Appendix AD 'DCC User Interface Specifications' (DUIS).

This proposal will impact Electricity Network Operators and Registered Supplier Agents through additional testing requirements. Implementation costs are limited to Smart Energy Code Administrator and Secretariat (SECAS) time and effort to update the SEC documentation. If approved, this proposal will be implemented 10 Working Days following approval.

2. Background

User Entry Process Testing

User Entry Process Tests (UEPT) are designed to demonstrate that any prospective User, in each User Role that they wish to take, can successfully send each of the Service Requests for which they will be eligible and can receive the corresponding Responses or Alerts. UEPT demonstrates the User's ability to connect to the DCC via the Party's DCC Gateway Connection, communicate via the requirements of DCC User Interface, and use the Self-Service Interface (SSI).

Existing Users who are UEPT complete may also be required to perform additional tests (Additive UEPT) when new functionality becomes available to a User Role via Releases.

The tests required for each User Role are set out in SEC Appendix R 'Common Test Scenarios Document' (CTSD).

What is the issue?

SECMP0025 & SECMP0039: new User Roles on Service Reference

[SECMP0025 'Electricity Network Party Access to Load Switching Information'](#) and [SECMP0039 'Communication Hub returns notification mechanism for Other SEC Parties'](#) have been approved for implementation in the November 2019 SEC Release. These two SEC modifications add additional User Roles to the following Service Reference Variants (SRVs):

- SRV 7.7 'Read Auxiliary Load Control Switch Data' added to Electricity Distributor (ED) User Role (SECMP0025)
- SRV 8.14.3 'CH Status Update – Fault Return' added to Registered Supplier Agent (RSA) User Role (SECMP0039)
- SRV 8.14.4 'CH Status Update – No Fault Return' added to Registered Supplier Agent (RSA) User Role (SECMP0039)

Whilst the User Roles that can access these SRVs have been expanded, the testing of these changes by the newly added roles has not been specified in the CTSD and is therefore not mandated for either UEPT or Additive UEPT.

3. Solution

Proposed Solution

The UEPT and additive UEPT requirements will be amended in SEC Appendix R to mandate the testing of these SRVs by the additional User Roles, post November 2019 SEC Release. Additionally, Appendix R will be amended so that EDs are only required to test SRV 6.2.10 against SMETS2 Devices.

Table 8.1.10 also had errors identified in its totals which Annex A proposes to resolve.

Legal text

The changes to the SEC required to deliver the proposed solution can be found in Annex A.

4. Impacts

This section summarises the impacts that would arise from the implementation of this modification.

SEC Parties

SEC Party Categories impacted			
	Large Suppliers		Small Suppliers
✓	Electricity Network Operators		Gas Network Operators
	Other SEC Parties		DCC

Electricity Network Operators will be impacted as the Electricity Distributor (ED) User Role will be required to perform testing on the SRV they have been added to.

Although not SEC Parties, **Registered Supplier Agents (RSA)** will be impacted as that User Role will be required to perform testing on the SRVs they have been added to.

DCC System

There will be no impact to the DCC System.

SEC and subsidiary documents

The following parts of the SEC will be impacted:

- Appendix R 'Common Testing Scenarios Document'

Other industry Codes

There will be no impacts on other industry Codes.

Greenhouse gas emissions

There will be no impacts on greenhouse gas emissions.

5. Costs

SECAS costs

The estimated SECAS implementation costs to implement this modification is two days of effort, amounting to approximately £1,200. The activities needed to be undertaken for this are:

- Updating the SEC and releasing the new version to the industry.

SEC Party costs

There are no additional cost expected for SEC Parties.

6. Implementation approach

Approved implementation approach

The SEC Panel agreed an implementation date of:

- **Ten** Working Days following approval.

These changes are consequential to two SEC Modifications that will be implemented in the November 2019 SEC Release. The additional User Roles to the SRVs will not be required to test them before use. Therefore, it was agreed to implement these changes as close to the November 2019 SEC Release as possible.

7. Conclusions

Benefits and drawbacks

The Proposer has identified the following benefits and drawbacks in implementing this modification:

Benefits

- Testing allows the individual User to check their interface and systems, whilst confirming that there is no adverse impact on the DCC System and other Users.

Drawbacks

- No drawbacks have been identified.

Proposer's rationale against the General SEC Objectives

Objective (a)¹

The Proposer believes that MP089 will better facilitate SEC Objective (a) as it would enforce best testing practice and possible risk mitigation.

Consultation respondents' views

Two responses were received in the Modification Report Consultation. Both believe MP089 should be implemented as it better facilitates SEC Objective (a). One comment on the legal text drafting (Annex A) was regarding the totals of Table 8.1.10 have been changed from 16 to 12. These were updated as the previous total of 16 was an error. Additionally, a comment highlighted that a generic approach could be explored rather than updating with each Release.

Panel's conclusions

The Panel agreed that this modification is ready to proceed to a decision as a Self-Governance Modification.

¹ a) Facilitate the efficient provision, installation, operation and interoperability of smart metering systems at energy consumers' premises within Great Britain;

Appendix 1: Glossary

This table lists all the acronyms used in this document and the full term they are an abbreviation for.

Glossary	
Acronym	Full term
CTSD	Common Testing Scenarios Document
DCC	Data Communications Company
DUIS	DCC User Interface Specifications
ED	Electricity Distributor
RSA	Registered Supplier Agent
SECAS	Smart Energy Code Administrator and Secretariat
SMETS	Smart Metering Equipment Technical Specifications
SRV	Service Reference Variant
SSI	Self Service Interface
UEPT	User Entry Process Testing



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