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February 2023 SEC Release (23 February 2023)

SEC Release Implementation Document

Version 7.0

2 February 2023



Managed by



About this document

This document is a Smart Energy Code (SEC) Release Implementation Document (RID). It summarises the scope of the SEC Release, the impacts it will have, the timeline and testing strategy, the central costs that will be incurred, and the acceptance criteria for this release.

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1. Scope

Approved Modification Proposals

The following Modification proposals have been approved for inclusion in this release:

- [MP167A 'Review of SEC documents \(Testing Approach Document criteria\)'](#) proposes to set out a detailed framework (in list form) for the Data Communications Company (DCC)'s Testing Approach Documents (TADs) within SEC Section T.
- [MP172 'Reduced CPA & CPL requirements for innovation and Device field trials'](#) proposes to allow Device Manufacturers to place limited numbers of Trial Devices on the live DCC network, subject to approval by the Security Sub-Committee (SSC), without obtaining Commercial Product Assurance (CPA) Certification for their Device Model.
- [MP210 'RSA forecasts, orders and pay stock charges for Alt HAN Equipment'](#) proposes to allow Registered Supplier Agents (RSAs) to forecast, order and procure Alternative Home Area Network (Alt HAN) Equipment.

Modification Proposals removed from scope

The following modification will no longer be implemented as part of the February 2023 SEC Release:

- [MP167B 'Review of SEC documents \(DCC Internal Systems change governance\)'](#) has been removed from scope due to the need to review the modification's business case.
- [MP183 'Post Commissioning Obligations Reporting'](#) has been removed from scope to give the DCC adequate time to embed the required reporting.
- [MP186 'Section D Review \(2020\): further enhancements'](#) has been rejected by the Authority.
- [MP198 'Further Changes from the Review of the SMKI and DCCKI Document Set'](#) has been removed from scope due to the need for external review of the legal text.

DCC Change Requests

There are no DCC Change Requests planned to be implemented alongside this SEC Release.

2. Impacts

This section lists the impacts that the changes included in this release will have on participants and their systems, SEC documents and other industry codes. This section assumes all targeted modifications will be approved for inclusion in this release.

SEC Party and DCC impacts

Participant impact matrix					
Modification	Suppliers	Electricity Networks	Gas Networks	Other SEC Parties	DCC
MP167A					✓
MP172	✓	✓	✓	✓	✓
MP210	✓			✓	✓

The impacts on the different participants are summarised below. The business requirements for each Modification Proposal are annexed to the Modification Reports for each modification, which are available on the corresponding modifications' webpages.

SEC Party impacts	
Participant	Summary of impacts
All SEC Parties	<i>No additional impacts</i>
Supplier Parties	- Suppliers may act as sponsors for or adopt Trial Device Models. - Suppliers will be able to outsource their Alt HAN Equipment forecasting and ordering.
Electricity Network Parties	Trial Device Models may be installed on networks at consumer properties.
Gas Network Parties	Trial Device Models may be installed on networks at consumer properties.
Other SEC Parties	- Device Manufacturers will be able to apply for Devices to be installed on a trial basis without the need for passing CPA Certification first. - RSAs will be able to order and procure Alt HAN Equipment.

DCC impacts	
Area impacted	Summary of impacts
Operational	- The DCC will be required to pass on a monthly extract of the Smart Metering Inventory (SMI) to the SSC. - The DCC may be required to process Explicit Charge reports from Alt HAN Company.
Testing	The DCC will need to provide TADs as required by the updated release criteria.

SECAS impacts

SECAS will need to make the updates to the SEC to implement the modifications approved for this release. No other additional impacts have been identified.

SEC document impacts

The following SEC documents will be updated in this release:

- Section A 'Definitions and Interpretation'
- Section D 'Modification Process'
- Section E 'Registration Data'
- Section F 'Smart Metering System Requirements'
- Section H 'DCC Services'
- Section L 'Smart Metering Key Infrastructure and DCC Key Infrastructure'
- Section T 'Testing During Transition'
- Section X 'Transition'
- Section Z 'Alt HAN Arrangements'
- Appendix K 'SMKI and Repository Test Scenarios Document'
- Appendix Z 'CPL Requirements Document'
- Appendix AC 'Inventory, Enrolment and Withdrawal Procedures'
- Appendix AJ 'SEC Variation Testing Approach Document'

Each of these documents is affected by the following modifications:

SEC document impact matrix			
Document	MP167A	MP172	MP210
Section A	✓		
Section D	✓		
Section E	✓		
Section F	✓	✓	
Section H	✓		
Section L	✓		
Section T	✓		
Section X	✓		
Section Z			✓
Appendix K	✓		
Appendix Z		✓	
Appendix AC	✓		
Appendix AJ	✓		

The approved changes to each document are annexed to the Modification Reports for each modification, which are available on the corresponding modifications' webpages.

Other code impacts

No other Codes are impacted as a result of this release.

3. Implementation timeline

This section lists the planned timeline for the implementation of this release.

Release implementation timetable		
Date	Event	Notes
16 Aug 2022	Change Sub-Committee (CSC) baselines RID	The CSC will review the RID and baseline the document.
31 Jan 2023 (exp'd date)	DCC submits evidence against the operational acceptance criteria	
14 Feb 2023 (exp'd date)	Operations Group reviews status against the operational acceptance criteria	The Operations Group will provide a recommendation to the CSC on whether the release should be implemented as planned. <i>Preliminary reviews of progress will be scheduled across preceding meetings.</i>
21 Feb 2023 (exp'd date)	CSC go/no-go decision	The CSC will review the status of the release against the acceptance criteria and will determine if the release should be implemented as planned.
23 Feb 2023	Release go-live	The changes are implemented.

4. Test strategy

This release will not impact the DCC Systems and so will not require any Pre-Integration Testing (PIT), Systems Integration Testing (SIT) or User Integration Testing (UIT).

There are no User testing impacts for this release.

5. Costs

This section summarises the costs that will be incurred by the DCC and the Smart Energy Code Administrator and Secretariat (SECAS) in implementing this release.

DCC costs

There are no DCC costs to implement this release.

SECAS costs

SECAS will incur two days effort, equating to around £1,200, to update and implement the changes to the SEC. SECAS estimates a maximum of four days of effort, equating to around £2,400, will be needed for project management of the release. This cost has already been accounted for in the SECAS budget, and so Parties will not incur any additional costs.

6. Acceptance criteria

The following criteria will need to be met before the release can go live.

Prior to go-live, the Operations Group will review the status of the release against these criteria. It will provide a recommendation to the CSC on whether to implement the release as planned. The CSC will review this recommendation and will determine then if the release should or shouldn't be implemented as planned.

Operational acceptance criteria

1. The DCC has brought to readiness all the new and changed components needed to provide the new services. This will include completing the service design and proving the service operations capability.
2. The DCC has demonstrated that all pre-existing services will be stable in the run-up to deployment of the release.
3. The DCC has proven that the new services can be operated alongside, and integrated with, the existing services.
4. The DCC has assessed the risk posed by existing problems and defects in the existing live service, and the implications these will have for the revised service.
5. The DCC has assessed and addressed the impact on Users arising from any issues, defects or workarounds within the new services.
6. The DCC has demonstrated that lessons learnt from previous SEC Releases and other DCC changes have been taken on board.
7. The DCC has demonstrated there will be no detrimental impact on consumers' experience.
8. The DCC has completed assurance of the Business Continuity and Disaster Recovery processes.
9. SECAS will be ready to implement the approved changes to the SEC on the agreed implementation date.
10. SECAS has brought to readiness all the new and changed components that it is responsible for that are needed to support the new services.

Appendix 1: Version control

Document history		
Version	Date	Changes
0.1	9 Aug 2022	First draft published.
1.0	17 Aug 2022	Version baselined by the CSC to cover the proposed scope of the release.
2.0	14 Oct 2022	Updated to reflect MP187 being removed from scope, updated impacts and the splitting of MP167 into MP167A and MP167B.
3.0	27 Oct 2022	Updated to reflect MP186 being added to scope.
4.0	30 Dec 2022	Updated to reflect MP183 being added to scope and MP167B and MP186 being removed from scope.
5.0	10 Jan 2023	Updated to reflect MP198 being removed from scope.
6.0	17 Jan 2023	Updated to reflect MP183 being removed from scope.
7.0	2 Feb 2023	Updated to reflect MP172 being approved for implementation.

Appendix 2: Glossary

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

Glossary	
Acronym	Full term
Alt HAN	Alternative Home Area Network
CPA	Commercial Product Assurance
CPL	Central Products List
CSC	Change Sub-Committee
DCC	Data Communications Company
PIT	Pre-Integration Testing
RID	Release Implementation Document
RSA	Registered Supplier Agent
SEC	Smart Energy Code
SECAS	Smart Energy Code Administrator and Secretariat
SIT	System Integration Testing
SMI	Smart Metering Inventory
SMKI	Smart Metering Key Infrastructure
SSC	Security Sub-Committee
TAD	Testing Approach Document
UIT	User Integration Testing