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February 2022 SEC Release (24 February 2022)

SEC Release Implementation Document

Version 6.0

27 January 2022



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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.

This document will be updated periodically as the release develops.

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1. Scope

Approved Modification Proposals

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

- [MP116 'Service Request Forecasting'](#) proposes to remove the obligation on DCC Users to submit their quarterly Service Request forecasts in the current format and for the DCC to provide a quarterly report based on actual Service Request data. Cut-off date for inclusion: 10 February 2022.
- [MP121 'Commissioning non-commissioned Devices after CoS'](#) will place an obligation on Suppliers to exchange install codes upon request from other Suppliers via email.
- [MP173 'SMKI & DCCKI Document Set reviews'](#) proposes to implement the findings of the Smart Metering Key Infrastructure (SMKI) Document Set review. This includes a large number of relatively minor typographical and cosmetic changes, as well as improving alignment between SEC documents and other industry standards. Cut-off date for inclusion: 10 February 2022.
- [MP179 'DCC Boxed'](#) proposes to make the necessary changes to the SEC to provide a commercial vehicle for DCC Boxed to be provided through an Explicit Charge to those Parties that wish to purchase it.
- [MP196 'Further IVP Extension for pre-SMETS2 v4.2 Devices'](#) proposes to extend the Installation Validity Period (IVP) end-date for any pre-Smart Metering Equipment Technical Specifications (SMETS) 2 v4.2 Devices from its current date of 27 April 2022 for a further 12 months to 27 April 2023.

Targeted Modification Proposals

The following Modification Proposals will be included in this release if a decision to approve is received by the respective cut-off dates:

- [MP149 'Effecting Changes to the Smart Energy Code efficiently'](#) proposes to extend the provisions to modify the SEC by enabling additional organisations to raise Draft Proposals to the SEC. Cut-off date for inclusion: 10 February 2022.

No further modifications are expected to be added.

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
MP116	✓	✓	✓	✓	✓
MP121	✓				
MP149	✓	✓	✓	✓	✓
MP173					✓
MP179					✓
MP196	✓			✓	✓

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	- All Parties able to submit Service Requests will no longer be obligated to submit Service Request forecasts to the DCC. - DCC Users will be requested to provide input into the Service Request forecasting process as set out within the DCC User Guidance document. - The provisions for raising Draft Proposals will be amended by opening them up for more organisations to raise them. - Any Party that wishes to purchase DCC Boxed will be subject to the relevant charges.
Supplier Parties	- Suppliers will be required to provide install codes via email within 10 Working Days of receiving a request to do so. If they are not the installing Supplier, they will need to respond to the request confirming as such. - Suppliers would be granted additional time to install pre-SMETS2 v4.2 Devices they currently hold, preventing avoidable financial and environmental costs due to wasted stock.
Electricity Network Parties	No additional impacts
Gas Network Parties	No additional impacts
Other SEC Parties	Device Manufacturers would be able to reduce or remove potential write-offs of pre-SMETS2 v4.2 stock they have produced which have not been ordered by Suppliers due to reduced installation rates of such Devices.

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SEC Party impacts	
Participant	Summary of impacts
	Meter Asset Providers (MAPs) would be able to work with Suppliers to ensure that existing stocks of pre-SMETS2 v4.2 Devices can be installed, preventing avoidable financial and environmental costs due to wasted stock.

DCC impacts	
Area impacted	Summary of impacts
Operational	The DCC will need to provide its own internal reporting to produce short-term, medium term and long-term load Service Request forecasts.
Regulatory	The DCC will be obligated to provide the DCC Boxed product and subsequent servicing requirements to Parties that wish to purchase it, and to update their financial reporting accordingly.

SEC document impacts

The following documents will be updated in this release:

- Section A 'Definitions and Interpretation'
- Section D 'Modification Process'
- Section G 'Security'
- Section H 'DCC Services'
- Section K 'Charging Methodology'
- Schedule 7 'Specimen Enabling Services Agreement'
- Schedule 11 'TS Applicability Tables'
- Appendix A 'Device Certificate Policy'
- Appendix B 'Organisation Certificate Policy'
- Appendix C 'SMKI Compliance Policy'
- Appendix D 'SMKI Registration Authority Policies and Procedures'
- Appendix J 'Enduring Testing Approach Document'
- Appendix K 'SMKI and Repository Test Scenarios Document'
- Appendix L 'SMKI Recovery Procedure'
- Appendix M 'SMKI Interface Design Specification'
- Appendix N 'SMKI Code of Connection'
- Appendix O 'SMKI Repository Interface Design Specification'
- Appendix P 'SMKI Repository Code of Connection'
- Appendix Q 'IKI Certificate Policy'

- Appendix S 'DCCKI Certificate Policy'
- Appendix T 'DCCKI Interface Design Specification'
- Appendix U 'DCCKI Repository Interface Design Specification'
- Appendix V 'DCCKI CoCo and DCCKI Repository CoCo'
- Appendix W 'DCCKI Registration Authority Policies and Procedures'
- Appendix AC 'Inventory Enrolment and Decommissioning Procedures'

Each of these documents is impacted by the following modification(s):

SEC document impact matrix						
Document	MP116	MP121	MP149	MP173	MP179	MP196
Section A					✓	
Section D			✓			
Section G	✓					
Section H	✓				✓	
Section K					✓	
Schedule 7					✓	
Schedule 11						✓
Appendix A				✓		
Appendix B				✓		
Appendix C				✓		
Appendix D				✓		
Appendix J				✓	✓	
Appendix K				✓		
Appendix L				✓		
Appendix M				✓		
Appendix N				✓		
Appendix O				✓		
Appendix P				✓		
Appendix Q				✓		
Appendix S				✓		
Appendix T				✓		
Appendix U				✓		
Appendix V				✓		
Appendix W				✓		
Appendix X				✓		
Appendix AC		✓				

The document impacts for some modifications are provisional based on the current understanding of the solutions. Some solutions are still at early stages of assessment, and the impacts will be updated as these modifications evolve.

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
31 Aug 21	Change Sub-Committee (CSC) baselines RID	The CSC will review the RID and baseline the document.
25 Jan 22	DCC submits evidence against the operational acceptance criteria	
1 Feb 22	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>
15 Feb 22	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.
24 Feb 22	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 SECAS in implementing this release.

DCC costs

There are no DCC System costs to implement this release.

For MP116, any costs associated with DCC providing resource will be accounted for through the DCC's price control.

No other impact on operational costs have been identified.

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 five days of effort, equating to around £3,000, 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 these recommendations 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	23 Aug 2021	First draft issued to the CSC for comment.
1.0	1 Sep 2021	Version baselined by the CSC.
2.0	29 Sep 2021	Updated following MP154 falling out of scope and the approval of MP121.
3.0	22 Oct 2021	Updated following MP149 being added to scope.
4.0	30 Nov 2021	Updated following MP159 and MP167 being removed from scope.
5.0	21 Dec 2021	Updated following MP179 and MP196 being added to scope.
6.0	27 Jan 2022	Updated following MP109 falling out of scope.

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
ADT	Anomaly Detection Threshold
BEIS	Department for Business, Energy and Industrial Strategy
CH	Communications Hub
CoS	Change of Supplier
CSC	Change Sub-Committee
DCC	Data Communication Company
DCCKI	Data Communication Company Key Infrastructure
IKI	Infrastructure Key Infrastructure

Glossary	
Acronym	Full term
IVP	Installation Validity Period
MAP	Meter Asset Provider
PIT	Pre-Integration Testing
RID	Release Implementation Document
SEC	Smart Energy Code
SECAS	Smart Energy Code Administrator and Secretariat
SIT	System Integration Testing
SMKI	Smart Metering Key Infrastructure
SMETS	Smart Metering Equipment Technical Specifications
SSI	Self-Service Interface
TOC	Technical Operations Centre
UIT	User Integration Testing