SEC
Smart Energy Code

Smart Energy Code

February 2021 SEC Release
(25 February 2021)

SEC Release Implementation Document

Version 4.0

1 February 2021

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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

- [MP122A 'Operational Metrics'](#) will facilitate the necessary changes to the DCC Technical Operations Centre (TOC) and DCC internal processes in order to implement and report on the metrics recommended in the Operational Metrics Review (OMR), commissioned by the Operations Group (OPSG).

- [MP092 'New Planned Maintenance methodology'](#) will incorporate the DCC's new approach for the delivery of Planned Maintenance which uses a risk-based methodology to categorise planned changes as either Low Impact or High Impact.

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**
MP092	✓	✓	✓	✓	✓
MP122A					✓

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	• Maintenance on DCC Systems affects all SEC Parties. • All SEC Parties will see greater transparency in DCC's reporting which better reflects the performance of user business processes

SEC Party impacts	
Participant	**Summary of impacts**
Supplier Parties	• No added impact
Electricity Network Parties	• No added impact
Gas Network Parties	• No added impact
Other SEC Parties	• No added impact

DCC impacts	
Area impacted	**Summary of impacts**
Contractual changes	• The DCC will need to make contractual changes with its Service Providers in order for them to supply the data in time for the DCC to meet the new Service Level Agreement (SLA) for the Performance Measurement Report (PMR)[1].
Regulatory changes	• The DCC will be required to follow the Planned Maintenance methodology. • The DCC will be required to produce the PMR within 10 Working Days from the end of the measurement reporting period.
Technical Operations Centre	• The DCC's TOC will need to implement the necessary system changes and provide increased application support in order to provide the metrics recommended by the OMR.

SEC document impacts

The following documents will be updated in this release:

- Section A 'Definitions and Interpretation'

- Section H 'DCC Services'

- Appendix AL 'SMETS1 Transition and Migration Approach Document'

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

SEC document impact matrix		
Document	**MP092**	**MP122A**
Section A	✓	✓
Section H	✓	✓
Appendix AL	✓	

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

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[1] These contractual changes are being assessed via MP122B 'Operational Metrics – Part 2'.

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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**
14 Aug 20	Panel baselines RID	The Panel will review the RID and baseline the document.
26 Jan 21	DCC submits evidence against the operational acceptance criteria	
02 Feb 21	Operations Group reviews status against the operational acceptance criteria	The Operations Group will provide a recommendation to the Panel on whether the release should be implemented as planned. *Preliminary reviews of progress will be scheduled across preceding meetings.*
12 Feb 21	Panel go/no-go decision	The Panel will review the status of the release against the acceptance criteria and will determine if the release should be implemented as planned.
25 Feb 21	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). An element of internal DCC testing on the TOC will be required in order to implement MP122, but this is not within the Testing Advisory Group's (TAG) remit to monitor.

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.

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DCC costs

The total DCC implementation costs of this release are estimated to be £210,000 due to the implementation of MP122A. None of the other modifications targeted for this release are expected to incur any DCC implementation costs.

The DCC will also incur operational costs for the implementation of MP122A to provide Application Support. For the financial year 2021/2022, these are estimated to be £192,500. However, these will be subject to change as the Working Group develops the PMR. It also understood that Ofgem's price control review will examine the DCC's ongoing costs. This would result in the likelihood that the actual Application Support costs will be lower, but this is not guaranteed.

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 Panel on whether to implement the release as planned. The Panel 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.

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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	7 Aug 20	First draft issued to the SEC Panel for comment.
1.0	14 Aug 20	Version baselined by the Panel.
2.0	16 Oct 20	Updated following MP095 and MP111 being removed from scope, and MP128 and MP138 being added to scope.
3.0	20 Nov 2020	Updated following MP128 and MP138 being removed from scope.
4.0	1 Feb 2021	Updated following approval of MP092 and the updated estimated Application Support costs for MP122A.

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**
DCC	Data Communication Company
OMR	Operational Metrics Review
PIT	Pre-Integration Testing
PMR	Performance Measurement Report
RID	Release Implementation Document
SEC	Smart Energy Code
SECAS	Smart Energy Code Administrator and Secretariat
SIT	System Integration Testing
TOC	Technical Operations Centre
UIT	User Integration Testing

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