

This document is classified as **White** in accordance with the Panel Information Policy. Information can be shared with the public, and any members may publish the information, subject to copyright.

Paper Reference:	SECP_75_1312_16
Action:	For Information

Change Status Report – December 2019

1. Purpose

This document is the Change Status Report, which provides information on the progress of Smart Energy Code (SEC) Modifications and Releases.

The DCC's progress report on Preliminary Assessments and Impact Assessments is included as Appendix A to this report.

2. Recommendations

The Panel is requested to **NOTE** the contents of this report.

Harry Jones

SECAS Team

6 December 2019

Attachments:

- **Appendix A:** DCC Preliminary Assessments and Impact Assessments update

1. Summary

This report provides a monthly update on the status and progress of SEC Draft Proposals, Modification Proposals and Releases, highlighting key information and decisions made.

More detailed information can be found in the [Modification Register](#).

Proposals currently in each stage



Draft Proposals for conversion

There is one Draft Proposal being presented to the Panel for conversion to a Modification Proposal this month:

- [DP097 'Improving SMETS2 Meter Installs for New Connections'](#)

Modification Reports

There are three Modification Reports being presented to the Panel this month:

- [SECMP0007 'Firmware updates to IHDs and PPMIDs'](#)
- [SECMP0062 'Northbound Application Traffic Management - Alert Storm Protection'](#)
- [MP079 'Provisions for withdrawing modifications'](#)

Decisions

The Change Board approved two Modification Proposals under Self-Governance:

- [SECMP0053 'Amend Target Response Times for Service Requests Critical to Installation and Commissioning Processes'](#)
- [MP081 'Alignment of DUIS and CHISM to reflect current DCC Processing'](#)

2. Define

New Draft Proposals

DP094

[DP094 'Supporting prepayment customers in no SM WAN scenarios'](#) was raised by Utilita on 12 November 2019

The Proposer has raised concern that the minimum functional requirements set out in Smart Metering Equipment Technical Specifications (SMETS) 2 do not result in a device that is sufficiently robust to serve smart prepayment customers effectively. Similarly, the Adoption and Enrolment of SMETS1 meters in the Data Communications Company (DCC) leads to the same loss of resilience in relation to SMETS1 meters. The Proposer would like to explore the impacts this is having and identify any ways that could resolve this.

DP095

[DP095 'Alignment of SEC Credit Cover'](#) was raised by EDF Energy on 12 November 2019.

In the financial years 2018/19, and 2019/20, five SEC Parties ceased trading, and it is anticipated that more will follow. This has so far resulted in unpaid DCC charges of around £731,000 being socialised amongst all other SEC Parties. Of the five parties ceasing to trade, the credit cover circumstances have varied. The most significant example is where a SEC Party had sufficient credit cover for the first month's missed payment, but not for the following months. This alone resulted in around £362,000 being socialised amongst all SEC Parties. This is a growing frustration for SEC Parties as credit cover requirements are intended to prevent socialised costs. The Proposer therefore wishes to explore the current credit cover calculations to identify the potential to mitigate the occurrence of socialised costs across the industry.

DP096

[DP096 'DNO Power Outage Alerts'](#) was raised by the DCC on 14 November 2019.

In the case of a power outage lasting more than three minutes, the DCC is obliged under the SEC to provide Power outage Alerts (POAs) to Distribution Network Operators (DNOs) within a given timeframe. The SEC states that the timeframe POAs must be sent within is 60 seconds after the initial three minutes of the outage (to allow time for power to be potentially restored automatically). Once power has been restored, a Power Restoration Alert (PRA) is sent to the DNO via the Data Service Provider (DSP). This must also be sent within 60 seconds.

The DCC is currently unable to meet this SEC obligation and has had extended discussions with DNOs to understand their requirements. A SEC transitional variation was approved by BEIS to compensate for the difference between the SEC obligation and the DCC's current capability. This exception expired on 31 October 2018 and BEIS cannot offer an extension.

DP097

[DP097 'Improving SMETS2 Meter Installs for New Connections'](#) was raised by the DCC on 19 November 2019.

The Electricity Supply Licence states in the case of New Connections (e.g. new houses) the Supplier needs to check there is Wide Area Network (WAN) before attending site to install a smart meter, using the SM WAN Coverage Database. The wording in SEC Appendix H 'CH Handover Support Materials' paragraph 3.3 advises that a customer can only raise a Service Management Service Request where there is no postcode. There can be a time delay from the release of a postcode from the Royal Mail, and the update of the Coverage Database; this can cause a response of 'no premises found' and this scenario is not covered in Appendix H.

Change Sub-Committee decisions

The Change Sub-Committee (CSC) determined that the following Draft Proposal was ready to be presented to the Panel for conversion to a Modification Proposal:

- [DP097 'Improving SMETS2 Meter Installs for New Connections'](#)

The CSC determined that the following Draft Proposals need further development before being presented to the Panel for conversion to Modification Proposal:

- [DP094 'Supporting prepayment customers in no SM WAN scenarios'](#)
- [DP095 'Alignment of SEC Credit Cover'](#)
- [DP096 'DNO Power Outage Alerts'](#)

3. Refine

Working Group meetings

The last monthly Working Group meeting was held on **4 December 2019**, and included the following modifications:

- [MP082 '2.4GHz Channel Management'](#)
- [MP083 'Change Coordination'](#)
- [MP084 'Other User Panel Seating Amendment'](#)
- [MP088 'Power to raise modifications'](#)
- [MP092 'New Planned Maintenance methodology'](#)

The next monthly Working Group meeting will be held on **8 January 2020**, and the agenda for this session will be confirmed on 20 December 2019.

Refinement Consultations

There are currently no Modification Proposals currently out for Refinement Consultation.

The following Refinement Consultations are expected to be issued during December 2019, and will be open for 15 Working Days:

- [MP088 'Power to raise modifications'](#)
- [MP092 'New Planned Maintenance methodology'](#)

Impact Assessment requests

The Change Board agreed that [SECMP0067 'Service Request Traffic Management'](#) should be issued for Impact Assessment if no material issues are raised in the Refinement Consultation.

DCC Assessment timescales

The timescales below are correct as at the end of November 2019.

Summary		
Assessment	Total	Average duration
Preliminary Assessments open	5	34 WD
Preliminary Assessments completed during 2019/20	7	72 WD
Impact Assessments open	2	99 WD
Impact Assessments completed during 2019/20	3	89 WD

Open Assessments				
Modification	Type	Accepted	Target duration	Current duration
SECMP0007	IA	30 Jul 19	40 WD	89 WD
SECMP0024	PA	29 May 19	15 WD	133 WD
SECMP0056	IA	2 Jul 19	40 WD	109 WD
MP077	PA	6 Nov 19	15 WD	18 WD
MP078	PA	22 Nov 19	15 WD	6 WD
MP080	PA	22 Nov 19	15 WD	6 WD
MP090	PA	22 Nov 19	15 WD	6 WD

Assessments completed during 2019/20				
Modification	Type	Returned	Target duration	Actual duration
SECMP0007	PA	11 Apr 19	15 WD	201 WD
SECMP0015	IA	26 Nov 19	40 WD	154 WD
SECMP0046	PA	29 Jul 19	15 WD	31 WD
SECMP0053	PA	2 May 19	15 WD	87 WD
SECMP0053	IA	20 Sep 19	40 WD	35 WD
SECMP0056	PA	24 Apr 19	15 WD	65 WD
SECMP0062	IA	4 Jul 19	40 WD	77 WD
SECMP0063	PA	9 Aug 19	15 WD	18 WD
SECMP0066	PA	13 Jun 19	15 WD	79 WD
SECMP0067	PA	5 Jun 19	25 WD	21 WD

4. Opine

Modification Report Consultations

There are currently three modifications out for Modification Report Consultation:

- [MP086 'Alt HAN Roll-Out Financing'](#)
- [MP089 'Changes to Appendix R 'Common Testing Scenarios Document''](#)
- [MP091 'Updating Security Assurance Status'](#)

The following Modification Report Consultations are expected to be issued in the week commencing 16 December 2019 and will be open for 15 Working Days:

- [SECMP0062 'Northbound Application Traffic Management - Alert Storm Protection'](#)
- [MP079 'Provisions for withdrawing modifications'](#)
- [MP097 'Improving SMETS2 Meter Installs for New Connections'](#)

Change Board votes

The Change Board voted on two modifications on 20 November 2019:

- [SECMP0053 'Amend Target Response Times for Service Requests Critical to Installation and Commissioning Processes'](#) was approved for implementation in the June 2020 SEC Release.
- [MP081 'Alignment of DUIS and CHISM to reflect current DCC Processing'](#) was approved for implementation in the February 2020 SEC Release.

Authority decisions

There were no Authority decisions in the last month.

Withdrawn modifications

[SECMP0063 'Ensuring correct Network Operator Certificates are placed on Electricity Smart Meters'](#) was withdrawn on 21 November 2019.

Modification progression timescales

The timescales below are correct as at the end of November 2019.

Proposal timescales		
Status	Total	Average duration
Proposals open (pre-decision)	34	324 WD
Proposals concluded during 2019/20	15	191 WD

5. Release

SEC Releases

Implemented

One modification was implemented as a standalone SEC Release on 4 November 2019:

- [MP087 'Correction to SEC Section G - User Responsibilities'](#)

Ten modifications were implemented as part of the November 2019 SEC Release on 29 November 2019:

- [SECMP0018 'Standard Electricity Distributor Configuration Settings'](#)
- [SECMP0023 'Correct Units of Measure for Uncontrolled Gas Flow Rate'](#)
- [SECMP0025 'Electricity Network Party Access to Load Switching Information'](#)
- [SECMP0039 'Communication Hub returns notification mechanism for Other SEC Parties'](#)
- [SECMP0055 'Incorporation of multiple Issue Resolution Proposals into the SEC'](#)
- [SECMP0060 'Amend Requirements to remove 'Pending' devices from SMI'](#)
- [MP071 'Second-Corner Charging'](#)
- [MP073 'Alteration of SMKI Repository information and documentation'](#)
- [MP074 'Clarity on Obtaining SMKI Device Certificates'](#)
- [MP076 'Pursuing Non-Payment in Events of Default'](#)

Approved for release

There is currently one modification approved for implementation in the February 2020 SEC Release (27 February 2020):

- [MP081 'Alignment of DUIS and CHISM to reflect current DCC Processing'](#)

There is currently one modification approved for implementation in the June 2020 Release (25 June 2020):

- [SECMP0053 'Amend Target Response Times for Service Requests Critical to Installation and Commissioning Processes'](#)

There is currently one modification that is approved for implementation as a standalone release:

- [SECMP0069 'EU Exit Changes'](#) will be implemented on UK EU Exit Date.

SEC Modification – DCC Assessments

DCC Monthly Update

Date:

03/12/2019

Author:

DCC

Classification:

DCC Public

1 Introduction

The purpose of this document is to provide an update on DCC's progress with the production of Preliminary (PAs) and Impact Assessments (IAs) (together "DCC assessments") as well as progress to delivery.

This document contains the delivery dates for DCC assessments that have been requested by Working Groups in accordance with SEC D6.9, as well as highlighting and providing rationale for any changes to the same report from the previous month.

This report is intended for:

- SEC Panel Members
- Parties
- Ofgem
- BEIS
- SECAS
- Any other interested stakeholders

Should you have any questions in relation to or comments on this report, please contact DCC at mods@smartdcc.co.uk.

2 Key and Definitions

The following has been provided to assist in the reader's understanding of the table in Section 3.

Key					
	PA in progress		IA in progress	No outstanding assessment request	Greyed out text No further DCC input anticipated

Definitions					
PA WG Request Received Date	Target PA Delivery Date	Actual PA Delivery Date	IA WG Request Received Date	Target IA Delivery Date	Actual IA Delivery Date
The date that the PA is requested from DCC by SECAS	The target date that DCC will aim to submit the PA to WG	The actual date that the PA is delivered to WG by DCC	The date that the IA is requested from DCC by the WG	The target date that DCC will aim to submit the IA to WG	The actual date that the IA is delivered to WG by DCC

3 DCC Assessment Delivery Dates

This table provides an update on DCC's delivery of PAs and IAs to Working Groups.

SECMP#	Title	DCC Assessment Status	PA WG Request Accepted Date	Target PA Delivery Date	Actual PA Delivery Date	IA WG Request Accepted Date	Target IA Delivery Date	Actual IA Delivery Date	Notes
0024	Enduring Approach to Communication Hub Firmware Management	PA in progress	05/07/2019	10/12/2019					PA in progress
0078	Incorporation of multiple Issue Resolution Proposals into the SEC - Part 2'	PA in progress	30/09/2019						PA in progress
0077	DCC Service Flagging	PA in progress	06/11/2019	18/12/2019					PA in progress
0080	Ensuring a managed move to DUIS version 3.1	PA in progress	22/11/2019	20/12/2019					PA in progress
0090	Incorporation of Non GBCS Non-Mandated Alerts into the SEC	PA in progress	22/11/2019	20/12/2019					

SECMP#	Title	DCC Assessment Status	PA WG Request Accepted Date	Target PA Delivery Date	Actual PA Delivery Date	IA WG Request Accepted Date	Target IA Delivery Date	Actual IA Delivery Date	Notes
0092	New Planned Maintenance methodology	PA in progress	02/12/2019						
0093	Implementing IRP511 and CRP535 to support GBCS v3.2 devices	PA in progress	02/12/2019						
0007	Firmware updates to IHDs and PPMIDs	IA in progress	N/A	14/06/2019	02/04/2019	30/07/2019	10/01/2020		IA in progress
0015	GPF timestamp for reading instantaneous Gas values	IA in progress	03/10/2016	10/10/2016	20/03/2017	19/08/2019			IA in progress
0056	IHD / PPMID Zigbee Attributes Available on the HAN	IA in progress	24/01/2019	19/02/2019	24/04/2019	25/06/2019	10/12/2019		IA in progress
0010	Introduction of triage arrangements for Communications Hubs	No outstanding assessment request	N/A	30/03/2019	17/05/2019				

SECMP#	Title	DCC Assessment Status	PA WG Request Accepted Date	Target PA Delivery Date	Actual PA Delivery Date	IA WG Request Accepted Date	Target IA Delivery Date	Actual IA Delivery Date	Notes
0053	Amend Target Response Times for Service Requests Critical to Installation and Commissioning Processes	No outstanding assessment request	11/02/2019	23/01/2019	01/05/2019	05/08/2019	20/09/2019	20/09/2019	
0046	Allow DNOs to control Electric Vehicle chargers connected to Smart Meter infrastructure	No outstanding assessment request	22/07/2019	06/09/2019	06/09/2019				Awaiting IA request
0066	Advanced Shipment Notifications (ASN) for Consignment of Communications Hubs.	No outstanding assessment request	08/07/2019	30/07/2019	01/10/2019				Awaiting IA request

SECMP#	Title	DCC Assessment Status	PA WG Request Accepted Date	Target PA Delivery Date	Actual PA Delivery Date	IA WG Request Accepted Date	Target IA Delivery Date	Actual IA Delivery Date	Notes
0012	Channel selection to support Shared HAN solutions	No outstanding assessment request	23/12/2016		13/09/2017				On hold indefinitely until the Alt HAN project reaches a position that can inform the Working Group of the value of progressing it
0013	Smart meter device diagnostics and triage	No outstanding assessment request	N/A	30/03/2019	22/05/2019				Awaiting IA request
0032	Prioritising Prepayment Customers in No WAN Situations	No outstanding assessment request	18/04/2018		12/10/2018				On Hold
0062	Northbound Application Traffic Management - Alert Storm Protection	No outstanding assessment request	06/12/2018	31/12/2018	31/01/2019	20/03/2019	20/05/2019	22/05/2019	Due to attend Change Board on 22/Jan/2020

SECMP#	Title	DCC Assessment Status	PA WG Request Accepted Date	Target PA Delivery Date	Actual PA Delivery Date	IA WG Request Accepted Date	Target IA Delivery Date	Actual IA Delivery Date	Notes
0063	Ensuring correct Network Operator Certificates are placed on Electricity Smart Meters	No outstanding assessment request	25/06/2019	17/07/2019	01/08/2019				Awaiting IA request
0067	Service Request Traffic Management	No outstanding assessment request	N/A	07/06/2019	05/06/2019				Awaiting IA request
0038	Sending Commands via PPMIDs	No outstanding assessment request	16/10/2017	15/06/2018	02/07/2018	05/09/2018	12/10/2018	12/10/2018	On hold

4 Modifications – Implementation Status

5 Modifications – No system impact assessment yet requested

SECMP #	Title	DCC Assessment Status
0028	Prioritising Service Requests	On hold.
0037	Pairing Local PPMIDs	On hold.
0055	Incorporation of multiple Issue Resolution Proposals into the SEC	Awaiting Implementation.

6 Modifications – No further assessment required by DCC

SECMP#	Title	Date added	DCC Assessment Status
0058	Changes to the governance of the Self-Service Interface	24/04/2019	Implemented
0043	Modification to Services Force Majeure Provisions	23/04/2019	Implemented

SECMP#	Title	Date added	DCC Assessment Status
0059	Amendments to SEC Security Assessments for Non-Domestic Suppliers and Other Users	23/01/2019	Implemented
0042	Amendment to SMKI Services to provide DCC Users and/or SMKI Participants with Authorised Responsible Officer (ARO) Statistics and Information	23/01/2019	Withdrawn
0039	Communication Hub returns notification mechanism for Other SEC Parties	04/03/2019	Implemented
0023	Correct Units of Measure for Uncontrolled Gas Flow Rate	30/01/2019	Implemented
0068	Alt HAN Company third party rights to enable external financing arrangements	28/01/2019	Implemented
0018	Standard Electricity Distributor Configuration Settings	24/01/2019	Implemented
0064	Alt HAN Co permission to seek access for Alt HAN Activities as a representative of energy suppliers	28/02/2019	Implemented
0049	Section D Review: Amendments to the Modification Process	04/03/2019	Implemented

SECMP#	Title	Date added	DCC Assessment Status
0025	Electricity Network Party Access to Load Switching Information	05/04/2019	Implemented
0002	Add New Command to Reset Debt Registers	06/10/2017	Rejected
0003	Deficiencies in the Service Request for setting Maximum Demand Configurable Time	01/12/2016	SECMP withdrawn
0004	Inclusion of Device Serial Number data item in the Smart Metering Inventory	03/03/2017	Rejected
0005	Include Tariff and Register Labels in SMETS2 Devices	03/05/2018	Withdrawn
0009	Centralised Firmware Library	03/01/2019	Accepted - implemented
0011	Including the MAP ID in the Smart Metering Inventory	03/03/2017	Rejected
0014	Standardise Formatting of Device ID	02/11/2016	Withdrawn
0016	Consideration of "Maximum Credit" value in credit cover calculation	02/11/2016	Implemented

SECMP#	Title	Date added	DCC Assessment Status
0017	CGR Phase 3 outcomes: Code Administrator to chair Modification Working Groups	02/11/2016	Implemented
0019	ALCS Description Labels	25/07/2018	Implemented
0020	Removal of the confidential classification of the unique identifiers listed in SEC Schedule 5	02/11/2016	Implemented
0021	Increase the representation of the "Other SEC Party" category on the SSC and TABASC.	02/11/2016	Rejected
0022	SMKI PMA Governance Changes	02/11/2016	Implemented
0033	Update to CH Handover Support Materials	02/06/2017	Implemented
0034	Changes to the SEC Section D for DCC analysis provisions	02/05/2018	Implemented
0035	Updates to SEC Appendix B – Organisation ARL expiration date to be aligned to DCCKI ARL	07/07/2017	Implemented
0041	Amending the Change Board decision making rules for Modification Proposals	20/09/2018	Rejected

SECMP#	Title	Date added	DCC Assessment Status
0044	User Security Assessment of a Shared Resource	25/07/2018	Implemented
0045	Incorporation of the requirements of the General Data Protection Regulations	02/05/2018	Implemented
0048	Extension of SMETS gas Valve exemption to include Large Gas Meters installed at Domestic Premises	25/07/2018	Implemented
0054	Changes to DCC Explicit Charges for Test Houses	06/06/2018	Withdrawn
0006	Specifying the number of digits for device display	08/11/2018	Implemented
0008	Provision of a DCC Alert (formerly Service Request Error Response) for Quarantined Service Requests	01/11/2018	Implemented
0027	Amending Service Request Forecasting	01/11/2018	Implemented
0029	Business Continuity and Disaster Recovery Testing Amendments	01/11/2018	Implemented
0031	Adding UTRN Functionality to SMETS	08/10/2018	Withdrawn

SECMP#	Title	Date added	DCC Assessment Status
0036	Single User ID for Users acting in one or more User Roles	14/09/2017	Implemented
0040	Changes to how DCC Users schedule and carry out User Security Assessments after completion of the User Entry Process	22/11/2017	Implemented
0047	Default Provisions for Other SEC Parties	31/10/2018	Implemented
0050	Section D Review: Moving the Working Group Terms of Reference to a separate document	01/11/2018	Implemented
0052	Updates to the DCCKI CP and DCCKI RAPP	01/11/2018	Implemented
0057	Users to notify SSC of a second or subsequent User System	28/02/2019	Implemented
0061	Enduring SEC Release Provisions	28/02/2019	Implemented
0065	SMETS1 Security Obligation	08/11/2018	Implemented
0030	Demand Management of DCC Systems	19/12/2017	Withdrawn

SECMP#	Title	Date added	DCC Assessment Status
0001	Updating the SEC to reflect abolition of the National Consumer Council (NCC)	27/05/2014	Implemented
0026	Changes to the Security Sub-Committee Nomination Process	15/03/2017	Implemented
0051	Section D Review: Amendments to the Fast Track Modification process	01/11/2018	Implemented
0060	Amend Requirements to remove 'Pending' devices from SMI	04/09/2018	Implemented