Dated: 23 September 2013

Smart Energy Code

Introduction

(A) This Code has been designated by the Secretary of State pursuant to the DCC Licence, and is subject to modification in accordance with the Secretary of State's statutory powers and the DCC Licence.

(B) The Parties comprise the DCC, Users (or prospective Users) of DCC's Services, and persons holding certain Energy Licences that are obliged by those licences to accede to this Code (some of whom are Users of DCC's Services).

(C) The Original Parties have agreed to give effect to, and to be bound by, this Code in accordance with the Framework Agreement.

(D) The other Parties have agreed to give effect to, and to be bound by, this Code in accordance with an Accession Agreement.

(E) SECCo is a company established to facilitate the operation of this Code. SECCo is not a Party (as defined), and only has rights and obligations under this Code where specified.

Version Control

Version Number	Implementation Date	Reason for Change	Overview of Modifications incorporated
1.0	23 September 2013	Designation by The Secretary of State pursuant to section 88(1) of the Energy Act 2008	First Publication
2.0	31 March 2014	Modifications to SEC version 1.0 as directed by the Secretary of State pursuant to section 88(1) of the Energy Act 2008	Communications Hub Financing Provisions
2.1	6 April 2014	Modifications to SEC version 2.0 as directed by the Secretary of State pursuant to section 88(1) of the Energy Act 2008	SEC2 amendments to sections of SEC already in force
2.2	27 May 2014	Modification to SEC version 2.1 as directed by the SEC Panel pursuant to SECMP 0001	Updating the SEC to reflect abolition of the National Consumer Council
3.0	31 July 2014	Modifications to SEC version 2.2 as directed by the Secretary of State pursuant to section 88(1) of the Energy Act 2008	Smart Metering System Requirements, Testing Service, Smart Metering Key Infrastructure and Appendices, Testing During Transition and SEC3 amendments to sections already in force
4.0	14 January 2015	Modifications to SEC version 3.0 as directed by the Secretary of State pursuant to Section 88(1) of the Energy Act 2008	Security Governance, Assurance and Privacy, Communications Hubs, Enrolment and Adoption of SMETS1 meters and SEC4.0 amendments to sections already in force
4.1	26 January 2015	Modifications to SEC version 4.0 as directed by the Secretary of State in accordance with SEC Section X3.1, SEC Section X5.4 and Condition 22 of the DCC Licence	Activation of Section H15, designation of the DCC Gateway Connection Code of Connection as a Subsidiary Document and consequential changes to sections already in force
4.2	18 March 2015	Modifications to SEC version 4.1 as directed by the Secretary of State pursuant to Section 88(1) of the Energy Act 2008	Party and RDP Signifiers, Party, User and RDP Identifiers and SEC4.2 amendments to sections already in force
4.3	1 July 2015	Modifications to SEC version 4.2 as directed by the Secretary of State pursuant to Section 88(1) of the	SEC Schedule 7 providing a Specimen Enabling Agreement, DCC Services and SEC4.3 amendments to sections already in

		Energy Act 2008	force
4.4	14 September 2015	Modifications to SEC version 4.3 as directed by the Secretary of State in accordance with SEC Section X5.4 and Condition 22 of the DCC Licence	Designation of the CH Handover Support Materials as a Subsidiary Document and consequential changes to sections already in force.
4.5	28 September 2015	Modifications to SEC version 4.4 as directed by the Secretary of State in accordance with SEC Section X5.4 and Condition 22 of the DCC Licence	Designation of the Enduring Testing Approach Document as a Subsidiary Document and consequential changes to sections already in force.
4.6	21 October 2015	Modifications to SEC version 4.5 as directed by the Secretary of State in accordance with SEC Section X5.4 and Condition 22 of the DCC Licence	Designation of the SMKI and Repository Test Scenarios Document and Subsidiary Document and consequential changes to sections already in force.
4.7	9 February 2016	Modifications to SEC version 4.6 as directed by the Secretary of State in accordance with SEC Section X5.4 and Condition 22 of the DCC Licence	Designation of the SMKI Registration Authority Policies and Procedure (SMKI RAPP) and SMKI Recovery Procedure and consequential changes to sections already in force.
4.8	10 February 2016	Modifications to SEC version 4.7 as directed by the Secretary of State pursuant to Section 88(1) of the Energy Act 2008 Modifications to SEC version 4.6 as directed by the Secretary of State in accordance with SEC Section X5.4 and Condition 22 of the DCC Licence	Designation of further Communications Hub provisions. Designation of SMKI and DCC Key Infrastructure provisions. Designation of the CH Installation and Maintenance Support Materials (CHIMSM) and consequential changes to sections already in force.
4.9	9 March 2016	Modifications to SEC version 4.8 as directed by the Secretary of State in accordance with SEC Section X5.4 and Condition 22 of the DCC Licence	Designation of SMKI Interface Design Specification, SMKI Code of Connection, SMKI Repository Interface Design Specification, SMKI Repository Code of Connection, IKI Certificate Policy and the Common Test Scenarios Document. Re-Designation of the DCC Gateway Connection Code of Connection and consequential changes to sections already in force.
4.10	18 April 2016	Modifications to SEC version 4.9 as directed by the Secretary of State	Designation of provisions for Interim Device

		in accordance with SEC Section X6	and User Testing (Section X9).
4.11	6 June 2016	Modifications to SEC version 4.10 as directed by the Secretary of State pursuant to SEC Section X3.1, X5 and Condition 22.27 of the DCC Licence	Activation of Sections H1, H2 and H3.22 Designation of the DCCKI Certificate Policy and DCCKI Registration Authority Policies and Procedures
4.12	15 June 2016	Modifications to SEC version 4.11 as directed by the Secretary of State pursuant to Section 88(1) of the Energy Act 2008	Amendments to sections of SEC already in force
4.13	6 July 2016	Modifications to SEC version 4.12 as directed by the Secretary of State pursuant to SEC Section X3.1, X5, X6 and Condition 22 of the DCC Licence	Designation of Registration Data Interface Specification and Registration Data Interface Code of Connection. Re-designation of the SMKI Registration Authority Policies and Procedures, and the IKI Certificate Policy.
4.14	13 July 2016	Modifications to SEC version 4.13 as directed by the Secretary of State pursuant to Section 88 (1) and 89 of the Energy Act 2008, and pursuant to SEC Sections X3.1, X5, and X6	Designation of SEC Section Z - Alt HAN Arrangements. Designation of Appendix T -DCCKI Interface Design Specification, Appendix U- DCCKI Repository Interface Design Specification, and Appendix V - DCCKI CoCo and DCCKI Repository CoCo. SEC Appendices A, B and C deleted and re-designated.Amendments to SEC sections already in force.
4.15	18 August 2016	Modifications to SEC version 4.14 as directed by the Secretary of State pursuant to Section 88 (1) and 89 of the Energy Act 2008, and pursuant to SEC Appendix J. Modification to SEC version 4.14 as directed by the SEC Panel pursuant to SECMP0017 with effect 17 August 2016.	Re-designation of an updated version of SEC Appendix J – Enduring Testing Approach Document. Amendments to SEC Section D6.3 to D6.4.
4.16	20 October 2016	Modification to SEC version 4.15 as directed by the Secretary of State pursuant to Section X5 and Condition 22 of the DCC Licence.	Re-designation of SEC Appendix R: Common Test Scenarios Document.

4.17	27 October 2016	Modification to SEC version 4.16 as directed by the Secretary of State pursuant to Section 88 (1) and 89 of the Energy Act 2008, and pursuant to SEC Appendix Z.	Designation of SEC Appendix Z: CPL Requirement Document. Activation of SEC Section F2.
5.0	8 November 2016	Modification to SEC version 4.17 as directed by the Secretary of State pursuant to Section 88 (1) and 89 of the Energy Act 2008. Activation of multiple SEC Sections, re-designation, and incorporation of new Subsidiary Documents necessary for DCC Live.	Activation of SEC Sections: • F3 (Panel Dispute Resolution Role) • F4.9 (Power Outage Alerts) • H3 (DCC User Interface), but excluding H3.27 • H4 (Processing Service Requests) • H5 (Smart Metering Inventory & Enrolment Services) • H6 (Decommissioning, Withdrawal & Suspension of Devices) • H8 (Service Management, SSI & Service Desk); • H9 (Incident Management Policy) • H10.9-H10.13 (Business Continuity) • H11 (Parse and Correlate) • H14.36 (DCC Internal System Change Testing Designation of new SEC Schedules: • Schedule 8 GB Companion Specification • Schedule 9 Smart Metering Equipment Technical Specifications • Schedule 10 Communications Hub Technical Specifications Designation of new SEC Appendices • Appendix AA - Threshold Anomaly Detection Procedures • Appendix AB - Service Request Processing Document • Appendix AC - Inventory, Enrolment and Withdrawal Procedures • Appendix AD - DCC User Interface Specification • Appendix AE - DCC User Interface Code of Connection • Appendix AF - Message Mapping Catalogue • Appendix AG - Incident Management Policy • Appendix AH - Self-Service

			Interface Design Specification • Appendix AI - Self-Service Interface Code of Connection Re-designation of SEC Appendices: • Appendix E - DCC User Interface Services Schedule • Appendix H - CH Handover Support Materials; • Appendix I - CH Installation and Maintenance Support Materials; • Appendix L - SMKI Recovery Procedure; • Appendix O - SMKI Repository Interface Design Specification; • Appendix G - DCC Gateway Connection Code of Connection; • Appendix K - SMKI and Repository Test Scenarios Document; • Appendix M - SMKI Interface Design Specification; • Appendix N - SMKI Code of Connection
5.1	14 December 2016	Implementation of two Modifications Proposals approved via Change Board vote on 23 November 2016.	Implementation of Modification Proposals: • Amendment to Section L due to SECMP0022 "Expanding SMKI PMA membership and removing Alternate restrictions" • Amendments to Schedule 5 due to SECMP0020 "Removal of the confidential classification of the unique identifiers listed in SEC Schedule 5"
5.2	21 December 2016	Modification to SEC version 5.1 as directed by the Secretary of State pursuant to Section 88 (1) and 89 of the Energy Act 2008.	Redesignation of Appendix AC – Inventory, Enrolment and Withdrawal Procedures
5.3	26 January 2017	Modification to SEC version 5.2 as directed by the Secretary of State pursuant to section 88(1) of the Energy Act 2008.	Amendments to Section N: SMETS1 Meters, including the designation of a new Section N4A

5.4	9 February 2017	Modifications to SEC version 5.3 as directed by the Secretary of State pursuant to section 89 of the Energy Act 2008. Modifications as directed by the Secretary of State pursuant to SEC Section X5.	Amendments in relation to testing including: testing required to implement changes to the SEC; Enduring Registration Data Provider Entry Process Testing; changes to the Enduring Testing Approach Document (ETAD); provision of variant Communications Hubs for testing. Other Changes include amendments to the Ofgem Significant Code Review process; Privacy requirements; making certain transitional variations enduring; the definition of RDP Systems; changes to accommodate multiple versions of Technical Specifications and multiple versions of DUIS and other minor miscellaneous changes. The Secretary of State direction designates Schedule 11 and Smart Metering Equipment Technical Specifications Version 1.2.
5.5	15 March 2017	Implementation of a Modification Proposal approved via Change Board vote on 22 February 2017.	Amendment to Section G due to implementation of SECMP0026 "Changes to the Security Sub-Committee Nomination Process".
5.6	1 April 2017	Implementation of a Modification Proposal approved by the Authority on 17 January 2017.	Amendments to Sections A and J due to implementation of SECMP0016 "Consideration of "maximum credit value" in credit cover calculation".
5.7	11 May 2017	Implementation of a Modification Proposal approved via Change Board vote on the 19 April 2017.	Amendments to Section A and Appendix H due to implementation of SECMP0033 "CH Handover Support Materials".
5.8	13 July 2017	Implementation of a Modification Proposal approved via Change Board vote on the 21 June 2017.	Amendments to Appendix B and Appendix S due to implementation of SECMP0035 "Updates to SEC Appendix B – Organisation ARL expiration date to be aligned to DCCKI ARL".
5.9	21 July 2017	Modifications to SEC version 5.8 as directed by the Secretary of State pursuant to section 89 of the Energy Act 2008.	Re-designation of Appendix AC – Inventory Enrolment and Withdrawal Procedures (version 1.2); and Appendix AD – DCC User Interface Specification (version 1.1).
5.10	14 September 2017	Implementation of a Modification Proposal approved via the Change	Amendments to Section H due to implementation of SECMP0036 "Single User

		Board on the 23 August 2017.	ID for Users acting in one or more User Roles".
5.11	6 November 2017	Modifications to SEC version 5.10 as directed by the Secretary of State pursuant to Section 88(1) of the Energy Act 2008	Amendments to Appendix AH, Schedule 8 and Schedule 11 as directed by the Secretary of State.
5.12	22 November 2017	Implementation of a Modification Proposal approved via the Change Board on 25 October 2017.	Amendments to Section G due to implementation of SECMP0040 "Changes to how DCC Users schedule and carry out User Security Assessments after completion of the User Entry Process".
5.13	1 February 2018	Modifications to SEC version 5.12 as directed by the Secretary of State pursuant to section 89 of the Energy Act 2008.	Amendments to Appendix H, Appendix I, Schedule 9 – SMETS1 v1.2, Schedule 9 – SMETS2 v2.0 and Schedule 11 – TS Applicability Tables. Designation of new SEC Schedules and Appendices to sit alongside existing versions: • Schedule 8 – GBCS v2.0 • Schedule 8 – GBCS v3.0 • Schedule 9 – SMETS2 v3.0 • Schedule 9 – SMETS2 v4.0 • Schedule 10 – CHTS v1.1 • Schedule 10 – CHTS v1.2 • Appendix AD – DUIS v2.0 • Appendix AF – MMC v2.0
5.14	22 February 2018	Modifications to SEC version 5.13 as directed by the Secretary of State pursuant to Section 88(1) of the Energy Act 2008 Modifications to SEC version 5.13 as directed by the Secretary of State pursuant to SEC Section X5	Amendments to SEC Section A Designation of Appendix AJ – SEC Variation Testing Approach Document
5.15	25 May 2018	Implementation of a Modification Proposal approved by the Authority on 1 May 2018.	Amendments to Section A, Section I, Section M and Appendix AG due to implementation of SECMP0045 "Incorporation of the requirements of the General Data Protection Regulations".
5.16	31 May 2018	Modifications to SEC version 5.15 as directed by the Secretary of State pursuant to Section 88(1) of	Designation of Section P – Production Proving; and amendments to Section A, Section C, Section E, Section F, Section H,

		the Energy Act 2008	Section J, Section K, Section L and Section X as directed by the Secretary of State.
5.17	5 June 2018	Modifications to SEC version 5.16 as directed by the Secretary of State pursuant to SEC Section X5	Amendments to Schedule 8 – GBCS v3.0, Schedule 11 – TS Applicability Tables and Appendix AD – DUIS v2.0 Designation of new SEC Schedule 8 – GBCS v2.1 and SEC Schedule 8 – GBCS v3.1 to sit alongside existing versions.
5.18	8 June 2018	Modifications to SEC version 5.17 as directed by the Secretary of State pursuant to SEC Section X5. Modifications to SEC version 5.17 as directed by the Secretary of State pursuant to SEC Section X5.	Amendments to Appendix J – Enduring Test Approach Document and Appendix R – Common Test Scenarios Document. Amendments to Appendix B – Organisation Certificate Policy and Appendix M – SMKI Interface Design Specification.
5.19	25 June 2018	Modifications to SEC version 5.18 as directed by the Secretary of State pursuant to SEC Section X5.	Amendments to Appendix AJ – SEC Variation Testing Approach Document.
5.20	18 July 2018	Modifications to SEC version 5.19 as directed by the Secretary of State pursuant to Section 88(1) of the Energy Act 2008.	Amendments to Section A, Section B, Section C, Section F, Section G, Section H, Section I, Section L, Section N, Section T, Section X, Section Z and Schedule 7
5.21	22 July 2018	Implementation of a Modification Proposal approved via Change Board vote on 22 July 2018.	Amendments to Section A and Section G due to implementation of SECMP0044 "User Security Assessment of a Shared Resource".
5.22	18 September 2018	Modifications to SEC version 5.21 as directed by the Secretary of State pursuant to SEC Section X5.	Amendments to Section A and designation of Appendix AK – SEC Variation Testing Approach Document for SMETS1 Services.
5.23	4 October 2018	Modifications to SEC version 5.22 as directed by the Secretary of State pursuant to SEC Section X5.	Amendments to TS Applicability Tables.
6.0	28 October 2018	Modifications to SEC version 5.23 as directed by the Secretary of State pursuant to SEC Section X5.	Amendments to SEC Appendix AB – Service Request Processing Document and SEC Appendix E – DCC User Interface Services Schedule and consequential changes to SEC Section A – Definitions and Interpretation and SEC Schedule 11 – TS Applicability Tables.
6.1	1 November 2018	Implementation of Modification Proposals approved by the	Amendments to SEC Section A, Section D, Section F, Section G, Section H, Section J,

		Authority or by Change Board vote.	Section M, Section X, Appendix E, Appendix S, Appendix W, Appendix AA, Appendix AD and Appendix AH, due to the implementation of Modification Proposals SECMP0008, SECMP0019, SECMP0027, SECMP0029, SECMP0034, SECMP0047, SECMP0050, SECMP0051 and SECMP0052
6.2	8 November 2018	Implementation of Modification Proposals approved by the Authority or by Change Board vote	Amendments to Section G, Schedule 9 and Schedule 11 due to the implementation of Modification Proposals SECMP0006, SECMP0048 and SECMP0065.
6.3	5 December 2018	Modifications to SEC version 6.2 as directed by the Secretary of State pursuant to SEC Section X5.	Amendments to SEC Schedule 11 – TS Applicability Tables.
6.4	21 January 2019	Re-designation of an amended version of the Inventory Enrolment and Decommissioning Procedures Document (IEDP) as directed by the Secretary of State pursuant to SEC Section X5.	Amendments and re-designation of Appendix AC
6.5	28 January 2019	Implementation of Modification Proposal approved by the Authority.	Amendments to SEC Section M and Section Z, due to the implementation of Modification Proposal SECMP0068
6.6	14 February 2019	Modifications to SEC version 6.5 as directed by the Secretary of State pursuant to SEC Section X5.	Designation of Appendix AL – SMETS1 Transition and Migration Approach Document
6.7	28 February 2019	Implementation of Modification Proposals approved by the Authority or by Change Board vote.	Amendments to SEC Section A, Section D, Section F, Section G and Section Z, due to the implementation of Modification Proposals SECMP0009, SECMP0057, SECMP0059, SECMP0061 and SECMP0064. Corrections to Section L.
6.8	4 March 2019	Implementation of Modification Proposal approved by the Authority.	Amendments to SEC Section A, Section C, Section D, Section F, Section G, Section L, Section M, Section Z and Appendix AG, due to the implementation of Modification Proposal SECMP0049.
6.9	13 March 2019	Modifications to SEC version 6.8 as directed by the Secretary of State pursuant to SEC Section X5.	Re-designation of SEC Section A, Section F, Section G, Section H, Section I, Section L, Section N, Section P, Appendix J, Appendix R

			and Appendix Z.
6.10	15 April 2019	Re-designation of an amended version of the Common Test Scenarios Document (CTSD) as directed by the Secretary of State pursuant to SEC Section X5.	Amendments and re-designation of Appendix R.
6.11	23 April 2019	Implementation of Modification Proposal approved by the Authority.	Amendments to SEC Section A, Section H and Section M, due to the implementation of Modification Proposal SECMP0043.
6.12	26 April 2019	Implementation of Modification Proposal approved by the Change Board.	Amendments to SEC Section Z, due to the implementation of Modification Proposal SECMP0070.
6.13	14 June 2019	Re-designation of an amended version of the SEC Variation Testing Approach Document for SMETS1 Services (SVTAD) as directed by the Secretary of State pursuant to SEC Section X5.	Amendments and re-designation of Appendix AK.
6.14	21 June 2019	Re-designation of an amended version of the SMETS1 Transition and Migration Approach Document as directed by the Secretary of State pursuant to SEC Section X5.	Amendments and re-designation of Appendix AL.
6.15	27 June 2019	Implementation of Modification Proposal approved by the Change Board.	Amendments to SEC Section A, Section H, Appendix I, Appendix T, Appendix W, Appendix AA, Appendix AH and Appendix AI due to the implementation of Modification Proposal SECMP0058.
6.16	4 July 2019	Modifications to SEC version 6.15 as directed by the Secretary of State pursuant to SEC Section X5 and for Modification Proposals approved by the Authority or by Change Board vote. Modifications to SEC version 6.15 as directed by the Secretary of	Designation of SEC Schedule 8 Version 3.2, Schedule 9 Version 4.2 and Schedule 10 Version 1.3 and re-designation of SEC Schedule 8 Version 3.1, Schedule 9 Version 4.0, Schedule 9 Version 4.1, Schedule 10 Version 1.2 and Schedule 11 as directed by the Secretary of State and for Modification Proposals SECMP0018, SECMP0023, SECMP0025 and SECMP0055. Amendments to SEC Section A, Section F and Section G.

		State pursuant to Section 88(1) of the Energy Act 2008	
6.17	28 July 2019	Modifications to SEC version 6.16 as directed by the Secretary of State pursuant to SEC Section X5.	Designation of SEC Appendix AD – DUIS v3.0, Appendix AF – MMC v3.0 and Appendix AM 'SMETS1 Supporting Requirements'. Amendments to SEC Appendix E, Appendix I, Appendix AA, Appendix AB, Appendix AC, Appendix AH and Appendix AL. Corrections to SEC Section A.
6.18	18 October 2019	Re-designation of an amended version of the SEC Technical Specification Applicability Tables (TSAT) as directed by the Secretary of State pursuant to SEC Section X5.	Amendments to SEC Schedule 11 – TS Applicability Tables.
6.19	25 October 2019	Re-designation of an amended version of SEC Appendix AK as directed by the DCC pursuant to Clause 4.2 of the SEC Variation Testing Approach Document for SMETS1 Services (SMETS1 SVTAD).	Amendments to SEC Appendix AK 'SEC Variation Testing Approach Document for SMETS1 Services'.
6.20	4 November 2019	Modifications to SEC version 6.19 as directed by the Secretary of State pursuant to SEC Section X5 and for Modification Proposals approved by the Authority or by Change Board vote.	Amendments to SEC Section G. Amendments to SEC Schedule 11 – TS Applicability Tables. Amendments to SEC Appendix AK 'SEC Variation Testing Approach Document for SMETS1 Services'.
6.21	29 November 2019	November 2019 SEC Release. Implementation of Modification Proposals approved by the Change Board and the Authority.	Amendments to SEC Section J, Section K, and Section L. Amendments to SEC Appendix D, Appendix E, Appendix K, Appendix M, Appendix N, Appendix Q, Appendix AC, Appendix AD, and Appendix AF. These are due to the implementation of Modification Proposals SECMP0018,

			SECMP0023, SECMP0025, SECMP0039, SECMP0055, SECMP0060, MP071, MP073, MP074 and MP076.
6.22	13 December 2019	Modifications to SEC version 6.21 as directed by the Secretary of State pursuant to SEC Section X5.	Amendments to SEC Appendix J 'Enduring Testing Approach Document' and Appendix AM 'SMETS1 Supporting Requirements'.

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Appendix Z: CPL Requirements Document

Appendix AA: Threshold Anomaly Detection Procedures

Appendix AB: Service Request Processing Document

Appendix AC: Inventory, Enrolment and Decommissioning Procedures

Appendix AD: DCC User Interface Specification

Appendix AD: DCC User Interface Specification Version 2.0

Appendix AD: DCC User Interface Specification Version 3.0

Appendix AE: DCC User Interface Code of Connection

Appendix AF: Message Mapping Catalogue

Appendix AF: Message Mapping Catalogue Version 2.0

Appendix AF: Message Mapping Catalogue Version 3.0

Appendix AG: Incident Management Policy

Appendix AH: Self Service Interface Access Control Specification

Appendix AI: Self Service Interface Code of Connection

Appendix AJ: SEC Variation Testing Approach Document

Appendix AK: SEC Variation Testing Approach Document for SMETS1 Services

Appendix AL: SMETS1 Transition and Migration Approach Document

Appendix AM: SMETS1 Supporting Requirements