

Dated: 23 September 2013

Smart Energy Code

VERSION CONTROL

| Version Number | Implementation Date | Reason for Change | Overview of Modifications incorporated |
|----------------|---------------------------------|--|---|
| 1.0 | 23 rd September 2013 | Designation by The Secretary of State pursuant to section 88(1) of the Energy Act 2008 | First Publication |
| 2.0 | 31 st 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 th 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 th 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 st 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 th 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 th 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 th 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 st July 2015 | Modifications to SEC version 4.2 as directed by the Secretary of State pursuant to Section 88(1) of the Energy Act 2008 | SEC Schedule 7 providing a Specimen Enabling Agreement, DCC Services and SEC4.3 amendments to sections already in force |
| 4.4 | 14 th 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 th 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 st 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 th 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 th 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 | 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. |

| | | | |
|------|-----------------------------|---|---|
| | | State in accordance with SEC Section X5.4 and Condition 22 of the DCC Licence | |
| 4.9 | 9 th 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 th April 2016 | Modifications to SEC version 4.9 as directed by the Secretary of State in accordance with SEC Section X6 | Designation of provisions for Interim Device and User Testing (Section X9). |
| 4.11 | 6 th 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 th 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 th 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 th 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 | Designation of SEC Section Z - Alt HAN Arrangements. Designation of Appendix T - DCCKI Interface Design Specification, Appendix U- DCCKI Repository Interface |

| | | | |
|------|-------------------------------|--|--|
| | | Sections X3.1, X5, and X6 | 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 th 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 th 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 th 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 th 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 th 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 | Activation of SEC Sections: <ul style="list-style-type: none"> • F3 (Panel Dispute Resolution Role) • F4.9 (Power Outage Alerts) • H3 (DCC User Interface), but excluding H3.27 • H4 (Processing Service Requests) |

| | | | |
|--|--|-------------------------|--|
| | | necessary for DCC Live. | <ul style="list-style-type: none"> • 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) <p>Designation of new SEC Schedules:</p> <ul style="list-style-type: none"> • Schedule 8 GB Companion Specification • Schedule 9 Smart Metering Equipment Technical Specifications • Schedule 10 Communications Hub Technical Specifications <p>Designation of new SEC Appendices</p> <ul style="list-style-type: none"> • 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 |
|--|--|-------------------------|--|

| | | | |
|--|--|--|---|
| | | | <ul style="list-style-type: none"> • 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 <p>Re-designation of SEC Appendices:</p> <ul style="list-style-type: none"> • 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 th December 2016 | Implementation of two Modifications Proposals approved via Change Board vote on 23 rd November 2016. | Implementation of Modification Proposals: <ul style="list-style-type: none"> • 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 st 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 th 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 th 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 th March 2017 | Implementation of a Modification Proposal approved via Change Board vote on 22 nd February 2017. | Amendment to Section G due to implementation of SECMP0026 “Changes to the Security Sub-Committee Nomination Process”. |
| 5.6 | 1 st April 2017 | Implementation of a Modification Proposal approved by the Authority on 17 th 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 th May 2017 | Implementation of a Modification Proposal approved via Change Board vote on the 19 th April 2017. | Amendments to Section A and Appendix H due to implementation of SECMP0033 “CH Handover Support Materials”. |
| 5.8 | 13 th July 2017 | Implementation of a Modification Proposal approved via Change Board vote on the 21 st 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 DCC KI ARL”. |
| 5.9 | 21 st 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 th September 2017 | Implementation of a Modification Proposal approved via the Change Board on the 23 rd August 2017. | Amendments to Section H due to implementation of SECMP0036 “Single User ID for Users acting in one or more User Roles”. |
| 5.11 | 6 th 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 nd November 2017 | Implementation of a Modification Proposal approved via the Change Board on 25 th 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 st February 2018 | Modifications to SEC version 5.12 as directed by the Secretary of State pursuant to section 89 of the Energy Act 2008. | <p>Amendments to Appendix H, Appendix I, Schedule 9 – SMETS1 v1.2, Schedule 9 – SMETS2 v2.0 and Schedule 11 – TS Applicability Tables.</p> <p>Designation of new SEC Schedules and Appendices to sit alongside existing versions:</p> <ul style="list-style-type: none"> • 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 nd February 2018 | <p>Modifications to SEC version 5.13 as directed by the Secretary of State pursuant to Section 88(1) of the Energy Act 2008</p> <p>Modifications to SEC version 5.13 as directed by the Secretary of State pursuant to SEC Section X5</p> | <p>Amendments to SEC Section A</p> <p>Designation of Appendix AJ – SEC Variation Testing Approach Document</p> |
| 5.15 | 25 th May 2018 | Implementation of a Modification Proposal approved by the Authority on 1 st 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 st May 2018 | Modifications to SEC version 5.15 as directed by the Secretary of State pursuant to | Designation of Section P – Production Proving; and amendments to Section A, Section C, Section E, Section F, Section H, Section J, Section K, Section L and |

| | | | |
|------|---------------------------------|--|---|
| | | Section 88(1) of the Energy Act 2008 | Section X as directed by the Secretary of State. |
| 5.17 | 5 th 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 th 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 th 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 th 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 nd July 2018 | Implementation of a Modification Proposal approved via Change Board vote on 22 nd July 2018. | Amendments to Section A and Section G due to implementation of SECMP0044 “User Security Assessment of a Shared Resource”. |
| 5.22 | 18 th 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. |

CONTENTS

SMART ENERGY CODE CONTENTS

| | Page No. |
|--|-----------------|
| Introduction | 1 |
| Section A: Definitions and Interpretation | |
| A1 Definitions | 2 |
| A2 Interpretation | 114 |
| A3 The Technical Specifications and GB Companion Specification | 119 |
| A4 Derogation From SMETSI General Installation End Date | 130 |
| Section B: Accession | |
| B1 Accession | 135 |
| B2 DCC, User and RDP Identifiers | 139 |
| Section C: Governance | |
| C1 SEC Objectives | 142 |
| C2 Panel | 146 |
| C3 Panel Members | 150 |
| C4 Elected Members | 155 |
| C5 Proceedings of the Panel | 160 |
| C6 Sub-Committees | 165 |
| C7 Code Administrator, Secretariat and SECCo | 168 |
| C8 Panel Costs and Budgets | 172 |
| Section D: Modification Process | |
| D1 Raising Modification Proposals | 177 |
| D2 Modification Paths | 182 |
| D3 Initial Consideration of Modification Proposals | 184 |
| D4 Authority Determinations | 188 |
| D5 Withdrawal by Proposer | 191 |
| D6 Refinement Process | 193 |
| D7 Report Phase | 200 |
| D8 Change Board and Change Board Decision | 204 |

| | | |
|-----|--------------------------------|-----|
| D9 | Modification Proposal Decision | 210 |
| D9A | Authority-led Variations | 213 |
| D10 | Implementation | 217 |

Section E: Registration Data

| | | |
|----|--|-----|
| E1 | Reliance on Registration Data | 220 |
| E2 | Provision of Data | 221 |
| E3 | DCC Gateway Connections for Registration Data Provider | 227 |
| E4 | RDP Entry Process | 230 |

Section F: Smart Metering System Requirements

| | | |
|-----|---|-----|
| F1 | Technical Sub-Committee | 232 |
| F2 | Central Products List | 236 |
| F3 | Panel Dispute Resolution Role | 241 |
| F4 | Operational Functionality, Interoperability and Access | 243 |
| F5 | SMETS2+ Communications Hub Forecasts & Orders | 251 |
| F6 | Delivery and Acceptance of SMETS2+ Communications Hubs | 259 |
| F7 | Installation and Maintenance of SMETS2+ Communications Hubs | 263 |
| F8 | Removal and Return of SMETS2+ Communications Hubs | 271 |
| F9 | Categories of SMETS2+ Communications Hub Responsibility | 276 |
| F10 | SMETS2+ Test Communications Hubs | 283 |

Section G: Security

| | | |
|-----|--|-----|
| G1 | Security: General Provisions | 288 |
| G2 | System Security: Obligations on the DCC | 291 |
| G3 | System Security: Obligations on Users | 303 |
| G4 | Organisational Security: Obligations on Users and the DCC | 311 |
| G5 | Information Security: Obligations on the DCC and Users | 314 |
| G6 | Anomaly Detection Thresholds: Obligations on the DCC and Users | 324 |
| G7 | Security Sub-Committee | 329 |
| G8 | User Security Assurance | 341 |
| G9 | DCC Security Assurance | 361 |
| G10 | Shared Resources | 366 |

Section H: DCC Services

| | | |
|-----|---|-----|
| H1 | User Entry Process | 369 |
| H2 | Registered Supplier Agents | 374 |
| H3 | DCC User Interface | 376 |
| H4 | Processing Service Requests | 386 |
| H5 | Smart Metering Inventory and Enrolment Services | 387 |
| H6 | Decommissioning and Suspension of Devices | 389 |
| H7 | Elective Communication Services | 391 |
| H8 | Service Management, Self-Service Interface and Service Desk | 397 |
| H9 | Incident Management | 405 |
| H10 | Business Continuity | 414 |
| H11 | Parse and Correlate Software | 418 |
| H12 | Intimate Communications Hub Interface Specification | 423 |
| H13 | Performance Standards and Reporting | 426 |
| H14 | Testing Services | 429 |
| H15 | DCC Gateway Connections | 446 |

Section I: Data Privacy

| | | |
|----|------------------------------------|-----|
| I1 | Data Protection and Access to Data | 454 |
| I2 | Other User Privacy Audits | 461 |

Section J: Charges

| | | |
|----|-----------------------------------|-----|
| J1 | Payment of Charges | 473 |
| J2 | Payment Default and Disputes | 477 |
| J3 | Credit Cover | 480 |
| J4 | Review and Forecasting of Charges | 488 |

Section K: Charging Methodology

| | | |
|-----|---|-----|
| K1 | Introduction | 490 |
| K2 | Estimated Revenues | 491 |
| K3 | Fixed Charge and Fixed CH Charge Calculations | 493 |
| K4 | Determining Fixed Charges Before the UITMR Period | 501 |
| K5 | Determining Fixed Charges During the UITMR Period | 503 |
| K5A | Determining Fixed Alt HAN Charges During the UITMR Period | 507 |
| K6 | Determining Fixed Charges After the UITMR Period (Enduring) | 509 |
| K6A | Determining Fixed CH Charges | 512 |

| | | |
|-----|---|-----|
| K6B | Determining Fixed Alt HAN Charges after the UITMR Period (Enduring) | 515 |
| K7 | Determining Explicit Charges | 517 |
| K8 | Determining Elective Charges | 525 |
| K9 | Within-Year Adjustments | 528 |
| K10 | Calculating Monthly Payments | 532 |
| K11 | Definitions | 538 |

Section L: Smart Metering Key Infrastructure and DCC Key Infrastructure

| | | |
|-----|--|-----|
| L1 | SMKI Policy Management Authority | 545 |
| L2 | SMKI Assurance | 553 |
| L3 | The SMKI Services | 557 |
| L4 | The SMKI Service Interface | 567 |
| L5 | The SMKI Repository Service | 571 |
| L6 | The SMKI Repository Interface | 574 |
| L7 | SMKI and Repository Entry Process Tests | 577 |
| L8 | SMKI Performance Standards and Demand Management | 579 |
| L9 | The SMKI Document Set | 583 |
| L10 | The SMKI Recovery Procedure | 590 |
| L11 | The Subscriber Obligations | 602 |
| L12 | Relying Party Obligations | 606 |
| L13 | DCC Key Infrastructure | 608 |

Section M: General

| | | |
|-----|--------------------------------------|-----|
| M1 | Commencement and Duration | 626 |
| M2 | Limitations of Liability | 625 |
| M3 | Services FM and Force Majeure | 634 |
| M4 | Confidentiality | 637 |
| M5 | Intellectual Property Rights | 646 |
| M6 | Party Details | 651 |
| M7 | Dispute Resolution | 652 |
| M8 | Suspension, Expulsion and Withdrawal | 657 |
| M9 | Transfer of DCC Licence | 663 |
| M10 | Notices | 665 |
| M11 | Miscellaneous | 667 |

Section N: SMETS1 Meters

| | | |
|-----|--|-----|
| N1 | Definitions for this Section N | 671 |
| N2 | SMETS1 Enrolment Projects Generally | 674 |
| N3 | Initial Enrolment | 676 |
| N4 | Initial Enrolment Project Feasibility Report | 680 |
| N4A | Further Initial Enrolment Analysis | 685 |
| N5 | Initial Enrolment Code Amendments | 687 |
| N6 | Transition and Migration Approach Document | 689 |

Section P: Production Proving

| | | |
|----|--------------------|-----|
| P1 | Production Proving | 694 |
|----|--------------------|-----|

Section T: Testing During Transition

| | | |
|----|---|-----|
| T1 | Device Selection Methodology | 700 |
| T2 | Systems Integration Testing | 704 |
| T3 | Interface Testing | 713 |
| T4 | End-to-End Testing | 725 |
| T5 | SMKI and Repository Testing | 731 |
| T6 | Development of Enduring Testing Documents | 741 |
| T7 | Ending of the Application of this Section T | 744 |

Section X: Transition

| | | |
|-----|--|-----|
| X1 | General Provisions Regarding Transition | 745 |
| X2 | Effective Provisions at Designation | 754 |
| X3 | Provisions to Become Effective Following Designation | 760 |
| X4 | Governance Set-up Arrangements | 767 |
| X5 | Incorporation of Certain Documents into this Code | 770 |
| X6 | Transitional Variations | 773 |
| X7 | Transitional Incident Management Procedures | 775 |
| X8 | Developing CH Support Materials | 778 |
| X9 | Interim Device and User System Testing | 780 |
| X10 | Threshold Anomaly Detection Procedures | 784 |
| X11 | Secretary-of-State Led Variations | 786 |

Section Z: Alt HAN Arrangements

| | | |
|----|---------------------------|-----|
| Z1 | The Alt HAN Forum | 789 |
| Z2 | The Alt HAN Company | 803 |
| Z3 | Alt HAN Secretariat | 813 |
| Z4 | Alt HAN Costs and Budgets | 814 |
| Z5 | Transitional Provisions | 826 |
| Z6 | Definitions | 829 |
| | Annex AltHANCo | 833 |

Schedules:

| | | |
|--------------------|---|-----|
| Schedule 1 | Framework Agreement | 843 |
| Schedule 2 | Accession Agreement | 849 |
| Schedule 3 | Specimen Bilateral Agreement | 855 |
| Schedule 4 | SECCo | 864 |
| Schedule 5 | Accession Information | 889 |
| Schedule 6 | Specimen Form of Letter of Credit | 890 |
| Schedule 7 | Specimen Enabling Services Agreement | 894 |
| Schedule 8 | Great Britain Companion Specification Version 1.0 | |
| Schedule 8 | Great Britain Companion Specification Version 1.1 | |
| Schedule 8 | Great Britain Companion Specification Version 2.0 | |
| Schedule 8 | Great Britain Companion Specification Version 2.1 | |
| Schedule 8 | Great Britain Companion Specification Version 3.0 | |
| Schedule 8 | Great Britain Companion Specification Version 3.1 | |
| Schedule 9 | Smart Metering Equipment Technical Specifications 1 Version 1.2 | |
| Schedule 9 | Smart Metering Equipment Technical Specifications 2 Version 2.0 | |
| Schedule 9 | Smart Metering Equipment Technical Specifications 2 Version 3.0 | |
| Schedule 9 | Smart Metering Equipment Technical Specifications 2 Version 4.0 | |
| Schedule 10 | Communication Hub Technical Specifications | |
| Schedule 10 | Communication Hub Technical Specifications Version 1.1 | |
| Schedule 10 | Communication Hub Technical Specifications Version 1.2 | |
| Schedule 11 | TS Applicability Tables | |

Appendices:

| | |
|--------------------|---------------------------------|
| Appendix A: | Device Certificate Policy |
| Appendix B: | Organisation Certificate Policy |

Appendix C: SMKI Compliance Policy

Appendix D: Registration Authority Policies and Procedures

Appendix E: DCC User Interface Services Schedule

Appendix F: Minimum Communication Services for SMETS1 Meters

Appendix G: DCC Gateway Connection Code of Connection

Appendix H: CH Handover Support Materials

Appendix I: CH Installation and Maintenance Support Materials

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 R: Common Test Scenarios Document

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 X: Registration Data Interface Specification

Appendix Y: Registration Data Interface Code of Connection

Appendix Z: CPL Requirements Document

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 AD: DCC User Interface Specification Version 2.0

Appendix AE: DCC User Interface Code of Connection

Appendix AF: Message Mapping Catalogue

Appendix AF: Message Mapping Catalogue Version 2.0

Appendix AG: Incident Management Policy

Appendix AH: Self Service Interface Design 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