



Department for
Energy Security
& Net Zero

SMART METERING IMPLEMENTATION PROGRAMME

SMETS1 Testing Baseline Requirements Document

10 May 2023 v1.24

Versions of SEC Subsidiary Documents that contain the requirements that are relevant for SMETS1 testing:

1. The SEC Variation Testing Approach Document for SMETS1 Services (SMETS1 SVTAD)¹ references the version of the SEC against which changes to the DCC systems and processes need to be tested prior to new or amended functionality going live. This version of the SEC is referred to as “the Amended SMETS1 SEC” and is defined as:
 - i. in the case of changes to Sections of the Code, those that have most recently been published by the Secretary of State setting out Services in respect of SMETS1 Smart Metering Systems and other provisions relating to SMETS1 Smart Metering Systems that apply in respect of the Device Models and/or Device Model Combinations that are being used in testing in respect of IOC, MOC, or FOC, as the case may be; and
 - ii. in the case of changes to Schedules and Appendices of the Code, the versions that apply in respect of the Device Models and/or Device Model Combinations that are being used in testing in respect of IOC, MOC, or FOC, which are set out in a document published by the Secretary of State entitled “SMETS1 Testing Baseline Requirements Document”.
2. This document comprises the SMETS1 Testing Baseline Requirements Document, and unless stated otherwise applies in respect of IOC, MOC and FOC².
3. Where a SEC Appendix or Schedule is already in legal effect³, that version of the document shall be the relevant version, except where a more recent version of that document is listed at Annex A, in which case the more recent version is the relevant version.
4. This document may be updated from time to time as required.

¹ The current version is 10.0.

² Initial Operating Capability (IOC), Middle Operating Capability (MOC) and Final Operating Capability (FOC) have the meanings set out in DCC’s delivery plan for SMETS1 services produced pursuant to Condition 13 of the DCC Licence.

³ See: <https://smartenergycodecompany.co.uk/the-smart-energy-code-2/>

Annex A: Relevant version of SEC and its Subsidiary Documents

SEC Version 72.0 includes the following Appendices:

SEC Appendix B – Organisation Certificate Policy 7.0
SEC Appendix E – DCC User Interface Services Schedule 7.0
SEC Appendix F - Minimum Communication Services for SMETS1 Meters Version 1.0
SEC Appendix I – CH Installation and Maintenance Support Materials Version 5.0
SEC Appendix Z – CPL Requirements Document 7.0
SEC Appendix AA -Threshold Anomaly Detection Procedures Version 3.0
SEC Appendix AB – Service Request Processing Document Version 8.0
SEC Appendix AC – Inventory, Enrolment and Decommissioning Procedures Version 6.0
SEC Appendix AD – DCC User Interface Specification Version 5.1
SEC Appendix AE – DCC User Interface Code of Connection Version 1.0
SEC Appendix AF – Message Mapping Catalogue Version 5.1
SEC Appendix AG – Incident Management Policy Version 5.0
SEC Appendix AH – Self Service Interface Access Control Specification Version 2.0
SEC Appendix AI – Self Service Interface Code of Connection Version 3.0
SEC Appendix AO – S1SPKM Compliance Policy Version 2.0
SEC Appendix AP1 – Secure S1SPKI Certificate Policy Version 2.0
SEC Appendix AP2 – FOC S1SPKI Certificate Policy Version 2.0
SEC Appendix AT – SMETS1 Cryptographic Key Management Policy Version 2.0

Relevant versions of SEC subsidiary documents currently subject to further consultation and amendment:

- SEC Appendix AM – SMETS1 Supporting Requirements Version 12.0 supplemented by a consultation on proposed changes to the document that closed on 10 February 2023.⁴ DCC's consultation on the revised timeframe for re-designating the updated document closed on 5 May 2023.⁵
- SEC-Appendix AL SMETS1 – Transition and Migration Approach Document v25.0 supplemented by DCC's consultation that was conducted between 21 April 2023 and 5 May 2023.⁶ SEC-Appendix AL is also set to be supplemented by changes related to the proposals to cease migrations in the SMETS1 IOC cohort on 28 May 2023.⁷

⁴ <https://www.smartdcc.co.uk/consultations/skets1-consultation-on-changes-to-the-smets1-supporting-requirements-january-2023/>

⁵ <https://www.smartdcc.co.uk/consultations/skets1-consultation-on-designation-of-the-smets1-supporting-requirements-april-2023/>

⁶ <https://www.smartdcc.co.uk/consultations/skets1-consultation-tmad-duplicate-excluded-category/>

⁷ See <https://www.smartdcc.co.uk/consultations/skets1-conclusion-closure-2-part-d/> and <https://smartenergycodecompany.co.uk/latest-news/departments-for-energy-security-and-net-zero-dcc-letter-of-recommendation-that-the-requesting-party-for-the-initial-operating-capability-ioc-cohort-is-closed-from-28-may-2023/>