



SMETS1 Consultation on changes to the SMETS1 Supporting Requirements and DCC User Interface Services Schedule

**A consultation on changes to documentation relating to
the FOC Cohort.**

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Author: consultations@smartdcc.co.uk

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1. Introduction and Context

In the initial stages of the smart meter roll-out across Great Britain, a number of energy suppliers are installed first generation smart metering devices (known as SMETS1 devices), in households and small/medium non domestic premises. SMETS1 devices installed by one energy supplier, however, are not always interoperable with and supported by the systems used by another supplier. The Data Communications Company (DCC) has developed a plan and designed a solution for the incorporation of such devices into its national network. It provides important shared benefits for industry and consumers and intends to offer the ability for SMETS1 consumers to maintain their smart services following a decision to switch suppliers.

The DCC solution relies on a common DCC User interface, defined in the DCC User Interface Specification (DUIS) for users of both SMETS1 and SMETS2 devices. SMETS1 specific processing or operating requirements are defined in the SMETS1 Supporting Requirements (S1SR) document – Appendix AM of the SEC. The latest version of the SMETS1 Supporting Requirements came into effect on 26 July 2020.

This consultation proposes further changes to the designated version of S1SR to accommodate further device specific and system behaviours that have been identified in respect of the Final Operating Capability, and to define the pre-migration configuration requirements specific to the devices that will be capable of being enrolled into DCC as a consequence of that capability release. The proposed changes have been marked against the Uplift 1.2 consultation version of Appendix AM – SMETS1 Supporting Requirements (S1SR) v5.0.

In addition to the changes to the S1SR, this consultation proposes changes to Appendix E – DCC User Interface Services Schedule (UISS). The proposed changes have been marked against the version of UISS that BEIS consulted and concluded on¹, which is version 4.0.

DCC is further consulting on the designation dates on behalf of the Secretary of State. DCC is proposing that these documents are designated on 13 December 2020.

2. Changes to the S1SR

Specific behaviours that have been added to the S1SR as a consequence of FOC have been outlined below. As has been described in the JIP Change Request relating to FOC, the solution capability for FOC will be delivered in a number of phases. These are Release 1 which is due to go live on the 13 December 2020, and Release 2 which is planned for Quarter 2020. Whilst all the behaviours listed below apply at Release 1, a number are due to be removed by the subsequent release. Whilst the amendment of the applicability of any of the S1SR clauses will require a further consultation, where it a change is expected, it has been marked below for information only.

This consultation is seeking views on the changes set out in the table below:

Drafting Reference	Description
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¹ <https://smartenergycodecompany.co.uk/latest-news/beis-consultation-on-changes-to-smart-energy-code-technical-specifications-and-subsidiary-documents/>

Table 3, SRV 6.2.4	Corrected device type applicability
Table 3, SRV 11.2	Corrected device type applicability
Table7	Correction to spelling of AccumulatedDebtRegister
17.52A	Clarifying the treatment of firmware requests to a PPMID
18.1	Clarifying the behaviour when updating the tariff on a device Please note that the behaviour described in 18.1(w) is a candidate for removal in subsequent release(s)
18.3	Clarifying the behaviour when updating the meter balance on a device
18.4	Clarifying the behaviour when changing the payment mode
18.5	Clarifying the behaviour when updating the prepayment configuration Please note that the behaviour described in 18.5(cc) is a candidate for removal in subsequent release(s)
18.6	Clarifying the behaviour regarding prepayment topups are applied and their impact on the various prepayment registers on the device
18.7	Clarifying the behaviour when updating the debt parameters on a device
18.9	Clarifying the behaviour when a change of tenancy command is received
18.10	Clarifying the treatment of the Clear Event Log command
18.12	Clarifying the elements included in the response
18.14	Clarifying the elements included in the response
18.17	Clarifying the elements included in the response
18.18	Clarifying the elements included in the response

18.20	Clarifying the elements included in the response
18.21	Clarifying the timestamps and the elements included in the response
18.22	Clarifying the timestamps and the elements included in the response
18.23	Clarifying the timestamps and the elements included in the response
18.24	Clarifying the timestamps and the elements included in the response
18.26	Clarifying the behaviour when reading the tariff from a device
18.27	Clarifying the behaviour when reading the prepayment configuration from a device
18.32	Clarifying the behaviour when reading the billing calendar configuration from a device
18.35	Clarifying the behaviour when reading the gas configuration data from a device
18.37	Clarifying the resultant behaviour when updating the load limit general settings on a device
18.38	Clarifying that this existing behaviour also applies to the L+G devices
18.39	Clarifying the behaviour when updating the voltage configuration on a device
18.42	Clarifying the behaviour when updating the billing calendar configuration on a device
18.35	Clarifying the behaviour when reading the event or security log data from a device
18.51	Clarifying the behaviour when updating the RMS voltage counter reset configuration on a device
18.52	Clarifying that this existing behaviour also applies to the L+G devices
18.62	Clarifying the behaviour when updating the HAN Device Log on a device
18.63	Clarifying the behaviour when attempting to update the firmware on a PPMID Please note that the behaviour described in 18.63(b) is a candidate for removal in subsequent release(s)

18.64	Clarifying the behaviour when attempting to read the firmware from a PPMID Please note that the behaviour described in 18.64(a) is a candidate for removal in subsequent release(s).
18.65	Clarifying the behaviour when attempting to activate the firmware on a PPMID Please note that the behaviour described in 18.65(c) is a candidate for removal in subsequent release(s)

Table 1 - Overview of Drafting Changes

This change request invites views from stakeholders on the proposed amendments to the S1SR. In particular, we are inviting responses to the following consultation questions:

S1SR Q1	Do you agree with the proposed amendments to the SMETS1 Supporting Requirements Document (S1SR) in Section 18 of that document, that have been added to describe the device behaviours specific to the FOC devices?
S1SR Q2	Do you agree with mappings of clauses in Section 18 of S1SR to the relevant Device Models in DMVES?

3. Changes to Appendix E – UISS

DCC is proposing a change to paragraph 3 of UISS which currently restricts the Target Response Times for Scheduled Services to SMETS2+ Devices only. DCC is proposing to remove this restriction, thereby making the target response times applicable to SMETS1 and SMETS2+ Devices, thereby making sure that the regulatory framework reflects the system behaviour.

S1SR Q3	Do you agree with the proposed changes to SEC Appendix E – DCC User Interface Services Schedule?
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4. Next Steps

Following the closure of this consultation, DCC will take into account respondents’ views, and, subject to the consultation responses received, submit to the Department of Business, Energy and Industrial Strategy (BEIS) amended versions of the S1SR and UISS that it considers suitable for re-designation into the SEC by the Secretary of State.

DCC is aiming to providing a report to BEIS no later than 20 November 2020. DCC has discussed the re-designation of the S1SR and UISS with BEIS and it is proposed that, subject to timely receipt of DCC’s report and copies of relevant stakeholder responses to this consultation, BEIS will re-designate the S1SR and UISS on 13 December 2020 or as soon as reasonably practicable within one month thereafter.

In order to expedite the re-designation of the S1SR and UISS, DCC is also seeking views on behalf of BEIS on the proposed date for re-designation of the S1SR and UISS as well as the draft direction which is presented in Attachment 1 of this consultation document for stakeholder consideration.

**S1SR
Q4**

Do you agree with the proposed re-designation date of 13 December 2020 (or, if necessary, as soon as reasonably practicable within one month thereafter) for the updates to the S1SR using draft notification at Attachment 1?

5. How to Respond

Please provide responses in the attached template by 1600 on 06 November 2020 to DCC at consultations@smartdcc.co.uk.

Consultation responses may be published on our website www.smartdcc.co.uk. Please state clearly in writing whether you want all or any part, of your consultation to be treated as confidential. It would be helpful if you could explain to us why you regard the information you have provided as confidential. Please note that responses in their entirety (including any text marked confidential) may be made available to the Department of Business, Energy and Industrial Strategy (BEIS) and the Gas and Electricity Markets Authority (the Authority). Information provided to BEIS or the Authority, including personal information, may be subject to publication or disclosure in accordance with the access to information legislation (primarily the Freedom of Information Act 2000, the Data Protection Act 2018 and the Environmental Information Regulations 2004). If BEIS or the Authority receive a request for disclosure of the information we/they will take full account of your explanation (to the extent provided to them), but we/they cannot give an assurance that confidentiality can be maintained in all circumstances. An automatic confidentiality disclaimer generated by your IT system will not, of itself, be regarded by us as a confidentiality request.

If you have any questions about the consultation documents, please contact DCC via consultations@smartdcc.co.uk.

6. Attachments

- Attachment 1: S1SR Draft Direction Text
- Attachment 2: SEC Appendix AM SMETS1 Supporting Requirement - clean
- Attachment 3: SEC Appendix AM SMETS1 Supporting Requirement – redline
- Attachment 4: SEC Appendix AM Annex A Device Model Variations to Equivalent Steps Matrix
- Attachment 5: SEC Appendix E DCC User Interface Services Schedule

Attachment 1

This attachment contains the text that BEIS plans to use for direction of changes to the S1SR.

S1SR Draft Direction Text

This direction is made for the purposes of the smart meter communication licences granted under the Electricity Act 1989 and the Gas Act 1986 (such licences being the "DCC Licence") and the Smart Energy Code designated by the Secretary of State pursuant to the DCC Licence (such code being the "SEC").

Words and expressions used in this direction shall be interpreted in accordance with Section A (Definitions and Interpretation) of the SEC.

Pursuant to Condition 22 of the DCC Licence and Section X5 (Incorporation of Certain Documents into this Code) of the SEC, the Secretary of State directs that, with effect from [DD MM YYYY], the SMETS1 Supporting Requirements previously designated and incorporated into the SEC as Appendix AM and the DCC User Interface Services Schedule previously designated and incorporated into the SEC as Appendix E is hereby re-designated and incorporated in the form set out in Annex [XX] and Annex [XX] to this direction.

For the avoidance of doubt such re-designation of the SMETS1 Supporting Requirements and DCC User Interface Services Schedule shall be without prejudice to anything done under the DCC Licence or the SEC on or after this document first being designated, or to the continuing effectiveness of anything done this document prior to its re-designation (which shall have effect as if done under the re-designated document).

This direction is also being notified to the SEC Administrator.