



# **SMETS1 Consultation on changes to the SMETS1 Supporting Requirements**

**A consultation on changes to the SMETS1 Supporting  
Requirements relating to the Secure Cohort.**

**Filename:**

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**Respond by: 1600 on Friday 03 July 2020**

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**Classification: DCC Public**

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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 installing first generation smart devices (known as SMETS1 devices), in consumers' 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 6 May 2020 and the consultation proposed changes to this designated version of S1SR.

On 01 May 2020 DCC consulted on further changes to the S1SR which was based on version 3.0 of the S1SR that came into effect on 6 May 2020. The amendments that were proposed to the designated version of S1SR were to accommodate further device specific behaviours that had been identified in respect of the Middle Operating Capability – Secure, 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.

On 5 June DCC responded to this consultation responses. A respondent to the consultation returned a number of detailed technical comments on the clauses in Section 18 of the S1SR that related to the device specific behaviours and S1SP validation steps that would be undertaken in respect of the Secure meters.

During the initial consultation period a number of additional device specific behaviours were also identified by DCC during its review of SIT outputs. DCC has reviewed the S1SR and made consequential changes in the form of additional provisions and amendments to the existing S1SR provisions. DCC is now confident that all the relevant device specific behaviours that apply to Secure meters that have been identified at this stage have been addressed in the S1SR (although please note that previous experience indicates additional device specific behaviours may be identified that were not detected in SIT).

## 2. Changes to the S1SR

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

Drafting Reference	Description
Clause 17.16	Clarifying that expected Emergency Credit behaviour is modified as per Clause 18.8

Clause 18.1	ESME and GSME tariff behaviour documented
Clause 18.4	Considerations when changing payment mode to prepayment
Clause 18.7	Clarifications and new behaviours when updating any debt values
Clause 18.16	Clarification on when prepay values can be read
Clause 18.18	Clarification on timestamps in logs
Clause 18.21	Clarification on timestamps in logs
Clause 18.27	Clarification of behaviour when reading the prepayment configuration
Clause 18.36	Clarification regarding SuspenDebtEmergency
Clause 18.39	Clarification of behaviour when updating the voltage configuration
Clause 18.41	Clarification of behaviour when updating the gas flow configuration
Clause 18.64	Clarification on behaviour when attempting a firmware upgrade to a device on the same HAN

**Table 1 - Overview of Drafting Changes**

<b>S1SR Q1</b>	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 MOC Secure devices?
<b>S1SR Q2</b>	Do you agree with mappings of clauses in Section 18 of S1SR to the relevant Device Models in DMVES?

### 3. 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) an amended version of the S1SR 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 17 July 2020. DCC has discussed the re-designation of the S1SR 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 on 26 July 2020 or as soon as reasonably practicable within one month thereafter.

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

### S1SR Q3

Do you agree with the proposed re-designation date of 26 July 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?

## 4. How to Respond

Please provide responses in the attached template by 1600 on 03 July 2020 to DCC at [consultations@smartdcc.co.uk](mailto:consultations@smartdcc.co.uk).

Consultation responses may be published on our website [www.smartdcc.co.uk](http://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](mailto:consultations@smartdcc.co.uk).

## 5. Attachments

- Attachment 1: S1SR 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 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 MMM YYYY], the SMETS1 Supporting Requirements previously designated and incorporated into the SEC as Appendix AM is hereby re-designated and incorporated in the form set out in Annex [XX] to this direction.*

*For the avoidance of doubt such re-designation of the SMETS1 Transition and Migration Approach Document 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.*