



SMETS1 Conclusions on changes to the SMETS1 Supporting Requirements

**DCC Conclusions and Report to Secretary of State on
changes to the SMETS 1 Supporting Requirements (S1SR)
to support the FOC Cohort.**

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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 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. The SMETS1 Supporting Requirements (S1SR) – Appendix AM of the Smart Energy Code (SEC), describes supplementary rules for how the DCC will process SMETS1 Service Requests / Service Reference Variants (SRs / SRVs) and includes the accommodation of behaviours that are specific to particular SMETS1 Device Models. The latest version of the SMETS1 Supporting Requirements came into effect on 04 December 2020.

On 21 October 2020, DCC consulted on changes to the S1SR to make provision for device specific behaviours in relation to the FOC cohort, which consultation closed on 06 November 2020. On 16 November 2020, DCC consulted on further changes to the S1SR which consultation closed on 27 November 2020. DCC concluded on these changes on 18 December 2020¹.

On 22 January 2021, DCC issued a consultation, in which it sought view on changes to the S1SR to support the FOC cohort as well as for a proposed designation date of the S1SR on behalf of the Secretary of State².

Stakeholders were invited to respond to the consultation issued on 22 January 2021 by 16:00 on Friday 12 February 2021 using the response template that was provided.

These changes to the S1SR have been discussed with the Technical and Business Design Group (TBDG) E&A subgroup.

2. Consultation Questions & Responses

2.1. Questions

The consultation presented the consultation questions as set out in Table 1.

S1SR Q1	Do you agree with the proposed amendments to the SMETS1 Supporting Requirements Document (S1SR) in Section 9 and Section 18 of that document, that have been added to describe the device behaviour specific relevant to the FOC devices?
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¹ <https://www.smartdcc.co.uk/customer-hub/consultations/dcc-responses/consultation-response-on-changes-to-the-uiss-smets1-supporting-requirements-document-for-secure/>

² <https://www.smartdcc.co.uk/customer-hub/consultations/january-2021-consultation-on-further-changes-to-the-smets1-supporting-requirements-document-for-foc/>

S1SR Q2	Do you agree with mappings of clauses in Section 9 and Section 18 of S1SR to the relevant Device Models in DMVES?
S1SR Q3	Do you agree with the proposed re-designation date of 28 February 2021 (or, if necessary, as soon as reasonably practicable within one month thereafter) for the updates to the S1SR using draft notification at Attachment 1?

Table 1

2.2. Responses

DCC received a written response from four respondents to the consultation on the S1SR.

DCC provided all written responses to the Secretary of State.

3. Analysis of Responses

DCC has analysed the feedback provided and views of stakeholders. Subject matter experts within DCC have reviewed every response.

DCC has structured the analysis of responses by question. Thus, this section presents DCC's analysis by question in several separate subsections; with each structured as:

- an overview of the responses on the topic;
- Where appropriate a DCC response; and
- areas where DCC disagrees with the view presented by respondents, as the regulation requirements require DCC to report on this.

3.1. S1SR Question 1

DCC sought views on proposals to amend the S1SR for FOC asking ***“Do you agree with the proposed amendments to the SMETS1 Supporting Requirements Document (S1SR) in Section 9 and Section 18 of that document, that have been added to describe the device behaviour specific relevant to the FOC devices?”***.

3.1.1. Respondent View

Four respondents provided a response to this question.

One respondent raised concerns over an issue related to the ESME only being able to support a price scalar of -5 in order to for the Electricity meter and other HAN devices to display the same values.

Two respondents agreed to the changes, with one raising a concern that DCC was only providing Suppliers with a limited timeframe in which to address these issues.

A respondent queried whether the behaviour described in Clause 18.5(gg) would be amended prior to the migration of devices.

A respondent sought clarity as to whether the device specific behaviour identified in Clause 18.6(b) (to when an amount was not a positive integer in multiples of 100) would be amended to reject the request.

3.1.2. DCC Response

The behaviour where there are constraints over the scalar for the ESME had not been identified at this time of drafting of this consultation of the S1SR. Now that the behaviour is understood, the relevant drafting that describes this behaviour has been included in the version of S1SR that is being consulted on for Uplift 2.0 on 17 February 2021³. It should be noted that DCC recognises that this particular device behaviour is of concern to Suppliers and that DCC is continuing to assess potential solution options. Should DCC identify a viable solution, DCC may incorporate further changes to the S1SR in support of a solution in a future release.

DCC notes the concern raised and consults on changes to the S1SR as soon as reasonably possible in order to provide Suppliers with the greatest amount of time to amend their systems and processes.

In relation to 18.5(gg), DCC can confirm that the current implementation is as documented in this version of the S1SR. DCC is considering how it could simplify the processing to mitigate the device specific behaviours and will consult on any changes that are made as a result of these investigations in a future release.

In relation to 18.6(b), DCC can confirm that the current implementation is as documented in this version of the S1SR. However, DCC is considering the addition of an S1SP control for this behaviour. If any changes are made, DCC will consult on any such changes in a future release.

3.1.3. Areas of Disagreement

DCC is of the view that there were no areas of disagreement with the proposed changes.

3.2. S1SR Question 2

DCC sought views on proposals to amend the DMVES asking: **“Do you agree with mappings of clauses in Section 9 and Section 18 of S1SR to the relevant Device Models in DMVES?”**.

3.2.1. Respondent View

Three respondents agreed, with one of the respondents, highlighting their response to question 1. One respondent did not provide an answer to this question.

3.2.2. Areas of Disagreement

DCC is of the view that there were no areas of disagreement with the proposed changes.

3.3. S1SR Question 3

DCC sought views on proposals to re-designate the S1SR asking: **“Do you agree with the proposed re-designation date of 28 February 2021 (or, if necessary, as soon as reasonably**

³ <https://www.smartdcc.co.uk/customer-hub/consultations/changes-to-the-smets1-supporting-requirements-document-for-the-uplift-20-foc/>

practicable within one month thereafter) for the updates to the S1SR using draft notification at Attachment 1?

3.3.1. Respondent View

Three respondents agreed with the proposed date, with one of the respondents noting a concern the short timescale could impact the DCC consideration of the responses. One respondent did not provide an answer to this question.

3.3.2. DCC Response

DCC is of the view that it has had sufficient time to consider the responses that have been received. If the responses required additional consideration, DCC would have delayed the publication of the response.

3.3.3. Areas of Disagreement

Within the scope of the proposal, there were no areas of disagreement.

4. Conclusions

DCC is of the opinion that it has had appropriate consultation with industry regarding these changes to the S1SR.

DCC has, where necessary, addressed the comments that have been received from industry. DCC does not believe that the views expressed result in fundamental amendments to the S1SR and as such further consultation is neither necessary nor appropriate.

It is DCC's view that it has met its SEC obligations.

The S1SR revisions are in line with the overall solution design for the SMETS1 Service and other relevant documents.

DCC considers that:

- the revised S1SR is defined to a sufficient level of detail for re-designation into the SEC;
- the revised S1SR provides an overarching framework which sets out clearly and unambiguously parties' rights and obligations which are consistent / and aligned with the rest of the SEC requirements in relation to SMETS1 Services; and
- the revised S1SR is materially complete, and the content is technically accurate.

In summary, DCC considers that the revised S1SR is fit for purpose.

5. Next Steps

DCC will submit the updated version of S1SR to the Secretary of State on 19 February 2021 and anticipates that the Secretary of State will re-designate the S1SR into the SEC on 28 February 2021.

6. Attachments

Attachment 1: SEC Appendix AM SMETS1 Supporting Requirement – clean

Attachment 2: SEC Appendix AM SMETS1 Supporting Requirement – redlined

Attachment 3: SEC Appendix AM Annex A Device Model Variations to Equivalent Steps Matrix