



Department for  
Business, Energy  
& Industrial Strategy

Department for Business,  
Energy & Industrial Strategy  
1 Victoria Street,  
London SW1H 0ET

[www.gov.uk/beis](http://www.gov.uk/beis)

The Authority (Ofgem), the SEC Panel, SEC Parties and other interested parties 14 December 2017

Dear Colleague,

**SMART METERING IMPLEMENTATION PROGRAMME CONSULTATION ON  
RENAMING OF SMETS DOCUMENTS, INCORPORATION OF VARIOUS  
SCHEDULES AND SUBSIDIARY DOCUMENTS AND RELATED TRANSITIONAL  
VARIATIONS TO THE SMART ENERGY CODE (SEC)**

1. This letter constitutes a consultation on a proposed approach to renaming SMETS documents, as well as the timing for incorporation into the SEC of:
  - a. GB Companion Specification (GBCS): designating two new versions, v2.0 and v3.0 (within Schedule 8);
  - b. SME Technical Specifications (SMETS): re-designating two existing versions, v1.2 and v2.0, and designating two new versions, v3.0 and v4.0 (all within Schedule 9);
  - c. CH Technical Specifications (CHTS): designating two new versions: v1.1 and v1.2 (within Schedule 10);
  - d. TS Applicability Tables: re-designation (within Schedule 11) to account for the above designations;
  - e. CH Handover Support Materials (CHHSM): re-designating as v1.3 (Appendix H);
  - f. CH Installation and Maintenance Support Materials (CHIMSM): re-designating as v1.2 (Appendix I);
  - g. DCC User Interface Specification (DUIS): designating v2.0 (Appendix AD); and
  - h. Message Mapping Catalogue (MMC): designating v2.0 (Appendix AF).
2. This letter also invites views on the introduction of related transitional variations to the SEC.
3. These changes facilitate the introduction of Dual Band Communications Hubs (DBCH) and support future releases and SEC Party Modification Proposals. Transitional governance has been used to baseline the content of the Schedules and Appendices where appropriate prior to designation.

## Naming convention for the SMETS

4. The package of changes for Release 2.0 includes the introduction of SMETS v3.0. Meters complying with SMETS v3.0 will only have incrementally differing functionality from those complying with SMETS v2.0 (as opposed to the difference between meters complying with the latter and foundation stage meters complying with SMETS v1.2). The increment to the principal version number (that is from v2.0 to v3.0) is used to make the changes prospective only, rather than requiring suppliers to upgrade existing equipment.
5. To avoid the potential for confusion in the wider industry BEIS proposes to introduce SMETS naming changes. The changes proposed are purely cosmetic. None of the technical requirements within them would change, nor would their treatment in User or DCC Systems. It is proposed that:
  - a. The title page of each version of SMETS will identify the ‘family’ of SMETS to which that version belongs. Since SMETS v1.2 belongs to the “SMETS1” family, its title would be changed to “Smart Metering Equipment Technical Specifications 1 (SMETS1)”, while it would remain “Version 1.2”. It would be referred to as “SMETS1 v1.2” for short.
  - b. Similarly, since SMETS v2.0 belongs to the “SMETS2” family, its title would be changed to “Smart Metering Equipment Technical Specifications 2 (SMETS2)” while remaining “Version 2.0”. It would be referred to as “SMETS2 v2.0” for short.
  - c. Because version 3.0 of SMETS (the version for Release 2) also belongs to the SMETS2 ‘family’, its title would also be “Smart Metering Equipment Technical Specifications 2 (SMETS2)”. It would be referred as “SMETS2 v3.0” for short.
  - d. As is currently the case, each version of SMETS would be capable of being identified solely by reference to its unique version number.
  - e. This change therefore allows meters with the same fundamental functionality, but differing only by incremental changes, to be collectively referred to by reference to the ‘family’ name (e.g. “SMETS2 meters”) while not having to make systems changes to support this.
6. In order to implement these changes, BEIS proposes re-designating amended versions of SMETS v1.2 and SMETS v2.0 (as set out in **Annex B.1**). The amendments will comprise only a change to their title pages and the addition of an explanatory paragraph on version numbering in the introduction. The TS Applicability Tables (SEC Schedule 11) will also be re-designated (see below and **Annex B.4**), partly to reflect the updated naming convention.

## Facilitating the delivery of Release 2.0

7. We propose to incorporate the following Release 2 documents into the SEC shortly (see below regarding timing): SMETS2 v3.0 Draft 5 as 'SMETS2 v3.0'; CHTS v1.1 Draft 4 as 'CHTS v1.1'; GBCS v2.0 Draft 7 as 'GBCS v2.0'; CHHSM v1.3 Draft 3 as 'CHHSM 1.3'; CHIMSM v1.2 Draft 3 as 'CHIMSM v1.2'; DUIS v2.0 Draft 3<sup>1</sup> as 'DUIS v2.0'; and MMC v2.0 Draft 2<sup>2</sup> as 'MMC v2.0'.
8. This early incorporation into the SEC will facilitate SEC Parties who wish to raise a SEC Party Modification Proposal for a later release, by giving them easy access to the documents for use as a reference. All these documents (including release notes for the CHTS, GBCS and SMETS versions) can be found at **Annex B.2**. Of these, only the CHTS, GBCS and SMETS documents have not already been consulted on in their current guise and views are sought on these through this letter.
9. The changes to CHTS, GBCS and SMETS from the previous baseline versions<sup>3</sup> are as a consequence of DCC now being able to accommodate changes planned for later release into Release 2 without impacting the Live date. The content of these documents has previously been reviewed by stakeholders through the transitional governance process.
10. The changes made by DCC following recent consultation<sup>4</sup> to CHHSM and CHIMSM from their previous baseline versions<sup>5</sup> are to make a number of clarifications, including on operational issues that have come to light with regard to Mesh Aerials, LED states and updated SKU1/SKU2 install process.
11. Subject to no substantive comments being received regarding the updated CHTS, GBCS and SMETS documents, the intention is to incorporate all the Release 2.0 documents at **Annex B.2** into the SEC shortly (see the section below as regards timing).

## Transitional Variations related to Release 2.0

12. The early incorporation of the Release 2.0 versions of DUIS, MMC, CHHSM and CHIMSM into the SEC requires a number of transitional variations to be made so that the rights and obligations contained within them apply at the right time. This is not the case for the early incorporation of the Release 2

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<sup>1</sup> DUIS has previously been changed to incorporate the approved SEC Modification Proposal 0008 ('Provision of a DCC Alert for Quarantined Service Requests')

<sup>2</sup> Reference: RFC-056

<sup>3</sup> Reference: RFC-055 V2

<sup>4</sup> Reference: RFC-058 V2

<sup>5</sup> Reference: RFC-058 V1

versions of CHTS, GBSC and SMETS as their applicability is controlled through the TS Applicability Tables (see below).

13. The proposed transitional variations (TVs) are contained in the draft direction text (**Annex A**), and are summarised below:
- a. DUIS v2.0 and MMC v2.0 not to give rise to rights and obligations. The intention would be to remove this TV at Release 2.0 Live.
  - b. DCC is not required to deliver dual band communications hubs (DBCHs). The intention would be to remove this TV for the “Full volume production DBCH capability” milestone on the Joint Industry Plan (JIP).
  - c. Parties do not have to separately identify DBCH in communication hubs forecasts until 30 January 2018.
  - d. Parties cannot order DBCHs. The intention would be to remove this TV in time for Parties to be able to submit a Communications Hub Order in time for it to be received at the “Full volume production DBCH capability” milestone.
  - e. Parties may request changes to DBCH forecasts and orders in the event of delay to the availability of dual-band Test CHs and/ or the release into DCC Live Systems of Release 2.0 functionality, which DCC must take reasonable steps to accommodate. The intention would be to remove this TV for the “Full volume production DBCH capability” milestone on the JIP.
  - f. DCC to make available a limited number of DBCH through reasonable terms and a process to be specified on its website, in order that it can meet its “First Batch of production DBCH available” milestone on the JIP.
14. The precise dates from which transitional variations a, b, d, e and f in the paragraph above cease to apply will be directed in due course further to consultation, which will consider the extent to which any remaining DCC Release 2.0 Plan contingency has been utilised nearer the time. It will also be necessary to re-designate the TS Applicability Tables in order to activate the Release 2.0 Technical Specifications and GBCS in timescales consistent with the cessation of these transitional variations.

#### **Designating technical specifications for future releases (Release 4)**

15. The reason for SMETS2 v4.0 Draft 1, GBCS v3.0 Draft 1 and CHTS v1.2 Draft 1 to be incorporated into the SEC shortly is also to facilitate the raising of SEC Party Modification Proposals against incorporated specifications for implementation in subsequent releases.

16. These documents have previously been baselined by stakeholders further to consultation through the transitional governance process<sup>6</sup> and these versions are included at **Annex B.3** of this letter.

### **Re-designating TS Applicability Tables**

17. As a consequence of the renaming of SMETS and the designations and re-designations of SMETS, CHTS and GBSC outlined above, it is necessary to update and re-designate the TS Applicability Tables. The proposed revised version is set out at **Annex B.4**.

### **Timing**

18. The proposed designation/ re-designation/ effective date for the changes set out above is **22 January 2018** (or, if necessary, as soon as reasonably practicable within one month thereafter).

### **We would welcome views on:**

- i. **The proposed SMETS naming convention.**
- ii. **The proposed updated versions of SMETS, CHTS and GBSC for Release 2.0.**
- iii. **The proposed transitional variations set out at Annex A.**
- iv. **The proposed updated TS Applicability Tables.**
- v. **The proposed designation/ re-designation/ effective date for the change proposed in this consultation of 22 January 2018 or, if necessary, within one month thereafter.**

### **Responding to this consultation**

Comments on these proposals should be submitted **by 17:00 on 15 January 2017** to: [smartmetering@beis.gov.uk](mailto:smartmetering@beis.gov.uk)

or addressed to:

Smart Metering Implementation Programme – Regulation,  
Department for Business, Energy & Industrial Strategy,  
5<sup>th</sup> Floor, Orchard  
1 Victoria Street,  
London SW1H 0ET

Information provided in response to this consultation, including personal data, may be subject to publication or release to other parties, or to disclosure in accordance with the access to information regimes (these are primarily the Freedom of Information Act 2000, the Data Protection Act 1998 and the Environmental Information Regulations 2004).

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<sup>6</sup> Reference: RFC-063

BEIS may publish the individual responses to this consultation and you should therefore let us know if you are not content for your response or any part of it to be published. If you indicate that you do not want your response published, we will not publish it automatically but it could still be subject to information requests as detailed above. If you do not want your individual response to be published, or to otherwise be treated as confidential, please say so clearly in writing when you send your response to the consultation. For the purposes of considering access to information requests, it would also be helpful if you could explain to us why you regard the information you have provided as confidential. If we receive a request for disclosure of the information we will take full account of your explanation, but we 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.

Yours faithfully,



**Duncan Stone**  
Head of Delivery  
Smart Metering Implementation Programme

#### **List of Annexes to this letter**

**Annex A**            Draft Legal Direction Text

#### **Annex B<sup>7</sup>**

- |            |   |
|------------|---|
| <b>B.1</b> | SMETS1 v1.2<br>SMETS2 v2.0  |
| <b>B.2</b> | SMETS2 v3.0 Draft 5 and release note<br>CHTS v1.1 Draft 4 and release note<br>GBCS v2.0 Draft 7 and release note<br>CHHSM v1.3 Draft 3<br>CHIMSM v1.2 Draft 3<br>DUIS v2.0 Draft 3<br>MMC v2.0 Draft2 |
| <b>B.3</b> | SMETS2 v4.0 Draft 1<br>GBCS v3.0 Draft 1<br>CHTS v1.2 Draft 1   |
| <b>B.4</b> | Updated TS Applicability Tables   |

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<sup>7</sup> Annex B can be found on the SEC website at the following link:

<https://smartenergycodecompany.co.uk/latest-news/smart-metering-implementation-programme-consultation>

## ANNEX A

### Direction and designation

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. The "LC13 Plan" is the plan produced by the DCC for Release 2.0 under licence condition 13 of the DCC Licence.

### Re-designation of SEC Subsidiary Documents

1. 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 [xxx]:
  - (a) the **Smart Metering Equipment Technical Specifications Version 1.2** document previously designated and incorporated into the SEC as part of Schedule 9 is hereby re-designated for incorporation in the form set out at **Annex {X}** in this direction (referred to in this direction as "**SMETS1 v1.2**");
  - (b) the **Smart Metering Equipment Technical Specifications Version 2.0** document previously designated and incorporated into the SEC as part of Schedule 9 is hereby re-designated for incorporation in the form set out at **Annex {X}** in this direction (referred to in this direction as "**SMETS2 v2.0**");
  - (c) the **TS Applicability Tables** document previously designated and incorporated into the SEC as Schedule 11 is hereby re-designated for incorporation in the form set out at **Annex {X}** in this direction;
  - (d) the **CH Handover Support Materials** document previously designated and incorporated into the SEC as Appendix H is hereby re-designated for incorporation in the form set out at **Annex {X}** in this direction; and
  - (e) the **CH Installation and Maintenance Support Materials** document previously designated and incorporated into the SEC as Appendix I is hereby re-designated for incorporation in the form set out at **Annex {X}** in this direction.
2. For the avoidance of doubt such re-designation shall be without prejudice to anything done

under the DCC Licence or the SEC on or after these documents first being designated, or to the continuing effectiveness of anything done under these documents prior to their re-designation (which shall have effect as if done under the re-designated documents).

#### Designation of new SEC Subsidiary Documents

3. 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 **[XX]**:
  - (a) the documents set out at **Annex {X}** and **Annex {X}** in this direction are hereby designated for incorporation as (respectively) the **GB Companion Specification Version 2.0** and the **GB Companion Specification Version 3.0**, and shall be incorporated into the SEC as part of Schedule 8 to appear immediately after the documents which currently comprise Schedule 8;
  - (b) the documents set out at **Annex {X}** and **Annex {X}** in this direction are hereby designated for incorporation as (respectively) the **Smart Metering Equipment Technical Specifications Version 3.0** (referred to in this direction as "**SMETS2 v3.0**") and the **Smart Metering Equipment Technical Specifications Version 4.0** (referred to in this direction as "**SMETS2 v4.0**"), and shall be incorporated into the SEC as part of Schedule 9 to appear immediately after the re-designated SMETS2 v2.0 document;
  - (c) the documents set out at **Annex {X}** and **Annex {X}** in this direction are hereby designated for incorporation as (respectively) the **Communications Hub Technical Specifications Version 1.1** (referred to in this direction as "**CHTS v1.1**") and the **Communications Hub Technical Specifications Version 1.2** (referred to in this direction as "**CHTS v1.2**"), and shall be incorporated into the SEC as part of Schedule 10 to appear immediately after the documents which currently comprise Schedule 10;
  - (d) the document set out at **Annex {X}** in this direction is hereby designated for incorporation as the **DCC User Interface Specification version 2.0** (referred to in this direction as "**DUIS v2.0**"), and shall be incorporated into the SEC as part of Appendix AD to appear immediately after the documents which currently comprise Appendix AD; and
  - (e) the document set out at **Annex {X}** in this direction is hereby designated for incorporation as the **Message Mapping Catalogue version 2.0** (referred to in this direction as "**MMC v2.0**"), and shall be incorporated into the SEC as part of Appendix AF to appear immediately after the version of the Message Mapping Catalogue which already forms part of the SEC (which version shall continue to have effect notwithstanding the incorporation of MMC 2.0 into the SEC).

#### Transitional Variations related to Release 2.0



4. Pursuant to Section X3.6 (Provisions to be Effective Subject to Variations), the Secretary of State hereby directs that:
- (a) notwithstanding that DUIS v2.0 has been designated and incorporated into the SEC, no Party to the SEC shall be entitled to exercise the rights set out in DUIS v2.0, nor obliged to comply with the obligations set out in DUIS v2.0;
  - (b) notwithstanding that MMC v2.0 has been designated and incorporated into the SEC, no Party to the SEC shall be entitled to exercise the rights set out in MMC v2.0, nor obliged to comply with the obligations set out in MMC v2.0;
  - (c) notwithstanding the re-designation of the CHTS v1.1 and CHTS v1.2 documents, Section F5 (Communications Hub Forecasts and Orders) and Section F6 (Delivery and Acceptance of Communications Hubs) shall apply so that:
    - i. the DCC shall not be obliged to make Dual Band Communication Hubs available for delivery;
    - ii. no Party shall be required to separately identify Dual Band Communication Hubs from other Communication Hubs in its forecasts until 30 January 2018 or such later date as the Secretary of State may direct; and
    - iii. no Party shall be entitled to order Dual Band Communication Hubs;
    - iv. in the event of a delay to either or both of: (A) the date on which dual-band Test Communications Hubs are (or are to be) made available for use in user integration testing (referred to in the LC13 Plan as 'UIT DBCH Commence'); and/or (B) the date upon which Release 2.0 functionality is (or is to be) released into DCC Live Systems (referred to in the LC13 Plan as 'R2.0 Code into Live'), in each case as compared to the dates set out in the LC13 Plan as at the date of a Party's Communications Hub Forecast and/or Communications Hub Order, then the Party may request a change to reduce the number of Dual Band Communications Hubs that are included within such Communications Hub Order and/or Communications Hub Forecast; and the DCC shall take reasonable steps to accommodate the requested reduction and to revise such Communications Hub Order and/or Communications Hub Forecast accordingly; and
  - (d) notwithstanding the re-designation of the CH Handover Support Materials and the CH Installation and Maintenance Support Materials and in light of the transitional variations set out in paragraph (c) above as well as the LC13 Plan milestone 'First batch of production DBCH available', the DCC shall make a limited number of Dual Band Communications Hubs available for Parties to order (and shall deliver Dual Band Communications Hubs pursuant to any such orders) in accordance with such reasonable terms of general application and in

timescales as the DCC may from time to time specify on its website.