



The Authority (Ofgem), the SEC Panel, SEC Parties and other interested parties 22 May 2019

Dear Colleague,

SMART METERING IMPLEMENTATION PROGRAMME: CONSULTATION ON INSTALLATION VALIDITY PERIOD END DATES AND ASSIGNMENT OF MAINTENANCE VALIDITY PERIOD END DATES FOR SMETS2 v2.0 AND v3.1

1. This letter constitutes a consultation on proposed changes to the Installation Validity Period (IVP) end date for SMETS2 v2.0 equipment, the setting of an IVP end date for SMETS2 v3.1 equipment and the setting of Maintenance Validity Period (MVP) end dates for SMETS2 v2.0 and SMETS2 v3.1 equipment. This consultation does not propose to change any IVP or MVP values for CHTS.

IVP end dates for SMETS2 v2.0 and SMETS2 v3.1

2. The IVP end date for SMETS2 v2.0 equipment is currently set at 27 October 2019. SMETS2 v3.1 has an IVP start date of 8 November 2018. However, equipment complying with that standard is yet to be available in large volumes and some energy suppliers and meter manufacturers have indicated that they will have difficulty meeting it.
3. A new version of the SMETS2 specification, version 4.2, is currently being consulted upon separately. Some energy suppliers and meter manufacturers have indicated an interest in transitioning straight from SMETS2 v2.0 to the new SMETS2 v4.2. They have indicated that to develop equipment sequentially will take longer overall to deliver SMETS2 v4.2 equipment than if they proceeded directly. It is however recognised that some other meter manufacturers have already developed SMETS2 v3.1 equipment.
4. We consider it appropriate to extend the SMETS2 v2.0 IVP end date. With regards to length of extension, we have taken into consideration through dialogue with energy suppliers and meter manufacturers the time it will take suppliers to clear their supply chain of old equipment, as well as the benefits the new versions of SMETS2 will deliver. On this basis, we propose to move the IVP end date for SMETS2 v2.0 from the 27 October 2019 to 27 October

2020, and also setting the IVP end date for SMETS2 v3.1 to 27 October 2020. These dates are considered to be sufficient for those wishing to move directly to SMETS2 v4.2 or via SMETS2 v3.1.

5. We do not intend to move these dates further and it is the responsibility of energy suppliers to plan and invest now to ensure they are met. We propose that progress is tracked via the Implementation Managers' Forum (IMF).

MVP end dates for SMETS2 v2.0 & SMETS2 v3.1

6. In order to standardise behaviour on equipment for consumers and suppliers, in particular with regard to Emergency Credit, we propose to apply a MVP end date to both SMETS2 v2.0 & SMETS2 v3.1 equipment of 31 December 2020. This means that energy suppliers should upgrade existing devices to be compatible with SMETS2 v4.2 by this date.
7. The changes outlined above are included in the attached updated TS Applicability Tables (Schedule 11 of the SEC) in **Annex**¹ of this letter.

Consultation Responses

8. We would welcome views on:

- i. **The proposal to change the SMETS2 v2.0 IVP end date and to set the SMETS2 v3.1 IVP end date to 27 October 2020.**
 - ii. **The proposal to set the SMETS2 v2.0 & SMETS v3.1 MVP end date to 31 December 2020.**
 - iii. **The proposed updated TSAT included in the Annex.**
9. Comments on this proposal should be submitted by **17:00 on 5 June 2019** by email to: smartmetering@beis.gov.uk ;

or addressed to:

Smart Metering Implementation Programme – Regulation, Department for Business, Energy & Industrial Strategy, 1 Victoria Street, London SW1H 0ET.

10. 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, Regulation (EU) 2016/679 (the General Data Protection Regulation), and the Environmental Information Regulations 2004).
11. The individual responses to this consultation may be published 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

¹ This version of TSAT assumes that the proposed changes made by SMIP CR-085 are accepted

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 want it 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,

A handwritten signature in blue ink that reads "D Stone". The signature is written in a cursive style with a long horizontal stroke extending from the end of the name.

Duncan Stone
Head of Delivery
Smart Metering Implementation Programme

TS Applicability Tables

Rows that are depicted by a cross in each cell indicate that either the Maintenance End Date or GBCS Applicability Period End Date has been applied and energy suppliers should have taken all reasonable steps to ensure that there are no Devices operating with that combination of Technical Specification and GBCS once the end date has passed.

Table 1 SMETS1

SMETS Version	Installation Start Date	General Installation End Date	PPM Installation End Date	Maintenance Start Date	Maintenance End Date	Relevant GBCS Version	Applicability Period Start Date	Applicability Period End Date
1.2	18/12/12	05/12/18	15/03/19	18/12/12	Not determined	Not applicable	Not applicable	Not applicable

Table 2 SMETS2+ and Relevant Versions of GBCS

SMETS Version	Installation Start Date	Installation End Date	Maintenance Start Date	Maintenance End Date	Relevant GBCS Version	Applicability Period Start Date	Applicability Period End Date
2.0	30/09/16	Not determined	30/09/16	Not determined	1.0	30/09/16	07/05/18
2.0	30/09/16	27/10/19 27/10/20	30/09/16	Not determined 31/12/20	1.1	06/11/17	Not determined
3.0	28/10/18	07/11/18	28/10/18	07/11/18	2.0	28/10/18	Not determined
3.1	08/11/18	Not determined 27/10/20	08/11/18	Not determined 31/12/20	2.0	28/10/18	Not determined
3.0	28/10/18	07/11/18	28/10/18	07/11/18	2.1	28/10/18	Not determined
3.1	08/11/18	Not determined 27/10/20	08/11/18	Not determined 31/12/20	2.1	28/10/18	Not determined

SMETS Version	Installation Start Date	Installation End Date	Maintenance Start Date	Maintenance End Date	Relevant GBCS Version	Applicability Period Start Date	Applicability Period End Date
4.0	Not determined	Not determined	Not determined	Not determined	3.0	Not determined	05/06/18
4.0	Not determined	07/11/18	Not determined	07/11/18	3.1	Not determined	Not determined
4.1	Not determined	Not determined	Not determined	04/07/19	3.1	Not determined	04/07/19
4.2	07/11/19	Not determined	07/11/19	Not determined	3.2	07/11/19	Not determined

Table 3 CHTS and Relevant Versions of GBCS

CHTS Version	Installation Start Date	Installation End Date	Maintenance Start Date	Maintenance End Date	Relevant GBCS Version	Applicability Period Start Date	Applicability Period End Date
1.0	30/09/16	Not determined	30/09/16	Not determined	1.0	30/09/16	07/05/18
1.0	30/09/16	27/10/19	30/09/16	27/10/19	1.1	06/11/17	Not determined
1.1	28/10/18	Not determined	28/10/18	Not determined	2.0	28/10/18	Not determined
1.1	28/10/18	Not determined	28/10/18	Not determined	2.1	28/10/18	Not determined
1.2	Not determined	Not determined	Not determined	Not determined	3.0	Not determined	05/06/18
1.2	Not determined	Not determined	Not determined	Not determined	3.1	Not determined	04/07/19
1.2	07/11/19	Not determined	07/11/19	Not determined	3.2	Not determined	Not determined

Table 4 GBCS and Relevant Versions of CPA Security Characteristics

GBCS Version(s)	Relevant Versions of CPA Security Characteristics
<ul style="list-style-type: none"> • 1.0 • 1.1 • 2.0 • 2.1 • 3.0 • 3.1 • 3.2 	<p>The most recent Sub-Version of Principal Version 1 of the document entitled ‘CPA Security Characteristic: Smart Metering – Communications Hub’ published on the NCSC_website at the time the relevant Device Model commences the CPA Certification or re-Certification process (as applicable).</p> <p>The most recent Sub-Version of Principal Version 1 of the document entitled ‘CPA Security Characteristic: Electricity Smart Metering Equipment’ published on the NCSC website at the time the relevant Device Model commences the CPA Certification or re-Certification process (as applicable).</p> <p>The most recent Sub-Version of Principal Version 1 of the document entitled ‘CPA Security Characteristic: Gas Smart Metering Equipment’ published on the NCSC website at the time the relevant Device Model commences the CPA Certification or re-Certification process (as applicable).</p> <p>The most recent Sub-Version of Principal Version 1 of the document entitled ‘CPA Security Characteristic: Smart Metering – HAN Connected Auxiliary Load Control Switch’ published on the NCSC_website at the time the relevant Device Model commences the CPA Certification or re-Certification process (as applicable).</p>