



Department for  
Business, Energy  
& Industrial Strategy

Department for Business,  
Energy & Industrial Strategy  
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[www.gov.uk/beis](http://www.gov.uk/beis)

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

18 June 2020

Dear Colleague,

**Smart Metering Implementation Programme: consultation on changes to Smart Energy Code Technical Specifications and Subsidiary Documents**

This document constitutes a consultation on changes to Smart Energy Code (SEC) Technical Specifications and Subsidiary Documents to implement policies already consulted and concluded on, including within the November 2020 SEC Release.

This consultation runs until 17:00 on 16 July 2020. Details of how to respond are provided in the Consultation Document at Annex A.

Yours faithfully,

**Duncan Stone**

Deputy Director and Head of Delivery,  
Smart Metering Implementation Programme

**ANNEXES**

**Annex A** Consultation Document

**Annex B** Regulatory Modification Roadmap 2020

**Annex C** Proposed Legal Drafting (published separately, alongside this document)

(i) **September 2020 designations and re-designations:**

- SEC Schedule 9, SMETS1 1 February 2018, SMETS2 1 February 2018, SMETS2 8 November 2018 and SMETS2 4 July 2019
  - SEC Schedule 11, TSAT and proposed Incompatibility Matrix
  - SEC Appendix L, SMKI Recovery Procedure
  - Draft Direction under SEC Section X3.1 to be made in September 2020
- (ii) November 2020 designations and re-designations<sup>1</sup>:**
- SMETS2 29 November 2020 (APC version)
  - SEC Appendix B, Organisation Certificate Policy
  - SEC Appendix D, SMKI Registration Authority Policies and Procedures
  - SEC Appendix E, User Interface Service Schedules
  - SEC Appendix M, SMKI Interface Design Specification
  - SEC Appendix AB, Service Request Processing Document
  - SEC Appendix AC, Inventory, Enrolment and Decommissioning Procedures

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<sup>1</sup> These documents are intended to be designated or re-designated in November 2020. Following this consultation and prior to November 2020, these documents will be baselined and held on the SECAS 'Developing SEC - November 2020' webpage.

## **Annex A: Consultation Document**

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## 0. General Information

### Why we are consulting

This consultation seeks stakeholders' views on proposed changes to Smart Energy Code (SEC) Technical Specifications and Subsidiary Documents (SSDs) that BEIS is proposing to designate or re-designate for inclusion into the SEC in September 2020 and November 2020.

These SSDs are needed to support relevant changes to licences and the main body of the SEC that BEIS has previously consulted and concluded on.

Chapter 1 provides a summary of conclusions to relevant existing consultations in order to provide context to the proposed further changes to Technical Specifications and SSDs (set out in Chapters 2 and 3) to implement these now concluded policy positions. Chapter 2 outlines proposed changes to the Technical Specification and SSDs for implementation in September 2020 and asks a number of questions on drafting. Chapter 3 presents proposed changes to Technical Specifications and SSDs for implementation in November 2020 and asks a number of questions, including on drafting.

### Timing

Responses to this consultation should be submitted **by 17:00 on 16 July 2020**.

### Responding to the consultation

Your response will be most useful if it is framed in direct response to the questions posed, by reference to our numbering, though further comments and evidence are also welcome.

Responses should be submitted to: [smartmetering@beis.gov.uk](mailto:smartmetering@beis.gov.uk)

When responding, please state whether you are responding as an individual or representing the views of an organisation.

### Confidentiality and data protection

Information you provide in response to this consultation, including personal information, may be disclosed in accordance with UK legislation (the Freedom of Information Act 2000, the Data Protection Act 2018 and the Environmental Information Regulations 2004).

If you want the information that you provide to be treated as confidential please tell us but be aware that we cannot guarantee confidentiality in all circumstances. An automatic confidentiality disclaimer generated by your IT system will not be regarded by us as a confidentiality request.

We will process your personal data in accordance with all applicable UK and EU data protection laws. See our [privacy policy](#).

We will summarise all responses and publish this summary on the SECAS website. The summary will include a list of names or organisations that responded, but not people's personal names, addresses or other contact details.

### Territorial extent

This consultation applies to the gas and electricity markets in Great Britain.

### Quality assurance

This consultation has been carried out in accordance with the government's consultation principles.

If you have any complaints about the way this consultation has been conducted, please email: [beis.bru@beis.gov.uk](mailto:beis.bru@beis.gov.uk)

# 1. Chapter 1: Summary of relevant existing BEIS policy positions as context for the current consultation

## Background

- This chapter provides a summary of conclusions to relevant existing consultations in order to provide context to the proposed further changes to Technical Specifications and SSDs (set out in Chapters 2 and 3) to implement these now concluded policy positions. A high-level overview of these amendments in Annex B of this document (Regulatory Modification Roadmap 2020).

## Device Level Technical Specifications

- In January 2020<sup>2</sup>, we consulted upon proposals to amend the SEC, electricity and gas supply licences and the DCC licence to split SMETS into individual Device Specifications so that the specifications for each Smart Metering Device could be varied independently. When the consultation concluded in March 2020, we decided to defer concluding on these proposals until we had further engaged interested parties.
- This engagement exercise has been conducted and industry has responded positively to BEIS' proposals. We have now concluded on this issue as part of our response to the April 2020 consultation – published today alongside this consultation – and confirm that we will progress the changes. The licence and main body SEC changes that facilitate these proposals are being laid before Parliament today, drawing on Section 88 powers of the Energy Act 2008. They would be expected to be implemented around mid-September 2020. To support the implementation of individual Device Specifications, that would be needed to underpin these changes, we are replacing all current live versions of SMETS and propose to re-designate the appropriately modified Technical Specification Applicability Tables (TSAT) in parallel with the SEC and licence changes coming into force on around in mid-September 2020. Chapter 2 of this consultation provides more details around the re-designation of current live version of SMETS with device-level versioning applied.

## XML signing Certificates for SMKI

- Also within the scope of the January 2020 consultation, BEIS proposed the introduction of a new type of SMKI Organisation Certificate – an XML signing Certificate. This was to give the option to realise security benefits through differentiating between Private Keys used to Digitally Sign Great Britain Companion Specification (GBCS) format Payloads and those used to sign XML wrappers. Whilst respondents were broadly supportive of the proposed changes, BEIS decided to defer implementation following an internal decision to consult subsequently on additional XML signing Certificate-related measures on the basis that this would enable a single set of measures related to XML signing Certificates to be introduced together.

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<sup>2</sup> <https://smartenergycodecompany.co.uk/latest-news/consultation-on-changes-to-standard-conditions-of-gas-and-electricity-supply-licenses-conditions-of-the-dcc-licence-the-sec-the-unc-and-the-mra/>

- These additional measures were presented to the SMKI Policy Management Authority on 17 March 2020 and consulted on<sup>3</sup> from 6 April 2020 - 11 May 2020 when BEIS proposed changes to industry codes: SEC, BSC and UNC; and to the following SSDs:
  - The Organisation Certificate Policy (SEC Appendix B);
  - The SMKI Registration Authority Policies and Procedures (SEC Appendix D); and
  - The SMKI Interface Design Specification (SEC Appendix M).
- Due to an administrative oversight, these three affected SSDs were not published on the SECAS website as part of the April 2020 consultation. We therefore now include these documents within the scope of this consultation (in Annex C) and invite responses on them (see the questions in Chapter 3).
- All these changes are to support the inclusion of registration data identifiers<sup>4</sup> in XML signing Certificates in order to allow for the establishment of a cryptographic relationship between a Registration Data identifier and a single Supplier Party. It is planned to rely on this relationship when the DCC carries out checks as part of processing Service Requests associated with Change of Supplier (CoS) events under the Enduring Change of Supplier (ECoS) arrangements, migration to which it is planned by DCC to commence in June 2022. We proposed to introduce these types of Certificate at an early stage to permit energy suppliers to become subscribers for them now and use them to sign XML wrappers of Service Requests and Signed Pre-Commands.
- The main body SEC changes pertaining to XML signing Certificates that we have consulted upon in January 2020 and in April 2020, are being laid in Parliament today with their implementation anticipated around mid-September 2020. However, the DCC will only have the systems to support XML signing Certificate functionality following the planned November 2020 system change release. Therefore, to control the timing of the implementation, BEIS proposes to utilise powers laid out in SEC Section X3.1 (as modified by X1.5(iii)) and to issue a Direction under SEC Section X3.1 to delay the coming into effect of XML signing Certificate functionality until November 2020 to coincide with DCC's system change release. Furthermore, we are proposing to only re-designate SEC Appendices B, D and M at the time that the November 2020 SEC Release goes live. A draft of the X3.1 Direction is included in Annex C of this document and comments are invited upon it (see the questions at the end of this chapter).

### **Standalone Auxiliary Proportional Controllers, ESMs with APC functionality and Additional ESMs**

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<sup>3</sup> <https://smartenergycodecompany.co.uk/latest-news/beis-consultation-on-the-dccs-provision-of-an-enrolment-service-for-edmi-smets1-meters-changes-to-dcc-electricity-and-gas-supply-licence-conditions-and-changes-to-the-sec-bscs-and-unc/>

<sup>4</sup> The "registration data identifiers" referred to here are the MRA and UNC identifiers submitted and maintained as part of the Party Details – please see Section B1.21 of the SEC.

- On 2 August 2019, we published a consultation<sup>5</sup> on our proposal to add proportional load control functionality to the Smart Metering System (SMS). This change was to build on existing load control functionality provided by Auxiliary Load Control Switches (ALCS) and HAN Connected Auxiliary Load Control Switches (HCALCS) by enabling more precision and flexibility in the control of load for consumers. This new control functionality is being implemented through the designation of a new Electricity Smart Metering Equipment Technical Specification (ESMETS) that includes an ESME with Auxiliary Proportional Controller (APC) capability and, in a new Standalone APC Technical Specification (SAPCTS), an additional Device with APC capability called an SAPC that connects to the HAN via the Communications Hub (CHs). Unlike HCALCS and ALCS, which provide two levels of load control (e.g. on and off), an APC or SAPC offers multiple levels of control.
- On 28 October 2019, we published a response to our August 2019 consultation, along with a new consultation on changes to GBCS and the Communications Hub Technical Specifications (CHTS) to implement APC functionality.<sup>6</sup> This consultation sought confirmation from industry that the changes proposed in GBCS and CHTS were suitable to facilitate the APC functionality specified in SMETS2. The consultation closed on 25 November 2019 and we published our response on 3 February 2020, confirming our intention to proceed with the implementation of APC functionality and notifying the baselining of the Technical Specifications for ESME APC functionality and SAPCs by the Technical and Business Design Group (TBDG), which are planned to be incorporated into the SEC in November 2020 this year. We subsequently requested DCC to proceed to implement APC functionality (for use initially on single band 2.4GHz CHs only) in the November 2020 Release.
- In April 2020, we published a consultation<sup>7</sup> that proposed changes to the wider regulatory framework to underpin the designation of these Technical Specifications and GBCS. These proposed changes included modifying standard conditions of gas and electricity supply licences as well as the DCC licence and SEC. The consultation proposed that SAPCs and Additional ESMEs<sup>8</sup> that are to be joined to the HAN of a Smart Metering System should be Commissioned within DCC Systems and associated with the Meter Point Administration Number (MPAN) that is itself associated with the premises in which the Devices are installed to ensure that upon a CoS event, the Devices can be switched to the incoming supplier. It also proposed that the supplier security credentials on HAN connected SAPCs and on Additional ESMEs must be those of the Responsible Supplier for the premises. Finally, the consultation sought respondents' views on BEIS' proposal that, on installation, HAN connected SAPCs and

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<sup>5</sup> <https://smartenergycodecompany.co.uk/latest-news/beis-consultation-on-proportional-load-control-and-associated-smets-drafting/>

<sup>6</sup> <https://smartenergycodecompany.co.uk/latest-news/beis-response-to-consultation-on-proportional-load-control-and-associated-smets-drafting-new-consultation-on-gbcs-and-chts-drafting/>

<sup>7</sup> <https://smartenergycodecompany.co.uk/latest-news/beis-consultation-on-the-dccs-provision-of-an-enrolment-service-for-edmi-smets1-meters-changes-to-dcc-electricity-and-gas-supply-licence-conditions-and-changes-to-the-sec-bbcs-and-unc/>

<sup>8</sup> By Additional ESMEs, we mean ESME that complies with the ESMETS and that is HAN connected but which does not measure the electricity flow over a point of connection between a premises and a distribution system, but instead measures the flow of electricity over a circuit within the premises itself. An Additional ESME may or may not have additional functionality as defined in ESMETS.

HICALCS should be compliant with a Technical Specification that has a current Installation Validity Period (IVP) and should be subsequently maintained to be compliant with a Technical Specification with a current Maintenance Validity Period (MVP). These changes were proposed and are intended to ensure new installations that control energy make use of Devices complying with the latest specifications, while allowing existing installations to be maintained to older specifications. A response to our April consultation which confirms we will be taking forward these proposals has been published today alongside this consultation document.

- Like other changes referred to in this chapter, SAPC and ESMEs with APC functionality are dependent on the DCC's November 2020 system change release. Although the main body changes have been laid in Parliament today, with their implementation anticipated around mid-September 2020, BEIS proposes to hold back on the designation of the supporting Technical Specifications and SSDs indicated below until November 2020 to align with the DCC's November 2020 SEC Release:
  - SMETS2 29 November 2020;
  - CHTS v1.4;
  - GBCS v4.0;
  - Inventory Enrolment and Decommissioning Procedures (IEDP) v2.1;
  - DCC User Interface Specification (DUIS) v4.0;
  - Message Mapping Catalogue (MMC) v4.0;
  - User Interface Service Schedules (UISS) v4.0;
  - Service Request Processing Document (SRPD) v4.0.
- Separately we also understand that DCC will be consulting on changes to (and the timing for the re-designation of) the following SSDs that are also affected by the above package of changes:
  - Common Test Scenarios Document (CTSD); and
  - Enduring Testing Approach Document (ETAD).
- SMETS and associated CHTS and GBCS changes were consulted on in October 2019; the DCC published a consultation on changes to DUIS and MMC in April 2020<sup>9</sup>; proposals to modify IEDP, UISS, SRDP and a Device Specific Technical Specification version of SMETS are included within the scope of this publication. The DCC is planning to consult on the changes to CTSD and ETAD in June 2020. BEIS expects to re-designate CTSD and ETAD following the conclusion of DCC's consultation in October 2020 to support User testing in advance of the go-live date in November 2020.
- On 13 May 2020, we issued a direction to DCC to produce a SEC Variation Testing Approach Document (SVTAD) for the BEIS-related elements of the November 2020 SEC Release. The direction required DCC to include the detailed testing in an

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<sup>9</sup> <https://www.smartdcc.co.uk/customer-hub/consultations/changes-required-to-deliver-against-beis-q4-package-to-be-included-in-the-november-2020-sec-release/>

associated Testing Approach Document (TAD) and recognised that the TAD could also include details of tests that were required to support the changes that are being progressed via the SEC Panel's SEC modifications process that also feed into the November 2020 SEC Release. BEIS plans to designate the SVTAD towards end June/early July 2020. Insofar as it relates to testing of the BEIS-related changes to the SEC, the TAD document is required to be approved by the SEC Panel's Testing Advisory Group (TAG).

### **Incompatibility Matrix**

- In our January 2020 regulatory consultation<sup>2</sup>, we proposed modifications to the SEC to require the SEC Panel to produce an incompatibility matrix instead of the current compatibility matrix. BEIS considered this approach would be clearer as compatibility is the design norm between all Devices, whilst any incompatibility is relatively rare. Most respondents supported the concept but sought further clarification from BEIS. We therefore engaged interested parties further through TBDG, taking the opportunity of explaining and refining proposals and shared details with the aid of specific examples (not included in the original consultation) of how the Incompatibility Matrix would function. Where minor operational constraints exist between two Technical Specifications the matrix would set out the general nature of the constraints. In our consultation response of today's date, we confirm this approach. A draft of the Incompatibility Matrix that we propose the SEC Panel should make available in September 2020 is included for review and comment in Annex C of this consultation (please see Chapter 3 for details). The SEC Panel is ultimately responsible for the matrix and BEIS proposes to feed any comments received back to them.

### **Consultation Questions**

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| Q1. | Do you agree with our proposed use of SEC Section X3.1 to delay the coming into effect of the changes relating to XML signing Certificates?   |
| Q2. | Do you agree with the proposed drafting of SEC Section X3.1 Direction for the purpose set out in this consultation (please refer to Annex C)? |

## 2. Chapter 2: Proposed changes to SEC Technical Specifications and Subsidiary Documents for implementation in September 2020

### Proposal

- Subject to passage through Parliament of the changes laid today and published separately, we are proposing that the main body SEC and licence changes be designated on around mid-September 2020 and (other than the changes that are the subject of the X3.1 Direction) should come into legal force a few days later. In addition to these amendments, we propose that the following Technical Specifications and SSDs should be designated (or, where relevant re-designated) at the same time (a draft of each document is included in Annex C of this consultation and comments are invited upon them):
  - Already designated SMETS documents are replaced with versions with DLV applied (SMETS1 v1.2, SMETS2 v2.0, SMETS2 v3.1 and SMETS2 v4.2 respectively replaced with designated versions of SMETS1 1 February 2018, SMETS2 1 February 2018, SMETS2 8 November 2018 and SMETS2 4 July 2019<sup>10</sup>);
  - The TSAT is re-designated with DLV applied<sup>11</sup> and with the addition of a DLV specification version lookup table; and
  - Changes to SEC Appendix L: SMKI Recovery Procedure (see below for rationale).
- Alongside the TSAT in Annex C of this document, we have also provided an example of the Incompatibility Matrix for information. The SEC Panel is ultimately responsible for the Incompatibility Matrix and BEIS proposes to recommend a version of the matrix and to feed any comments received back to SECAS.
- As explained in Chapter 1, we are proposing to issue a SEC Section X3.1 Direction for changes associated with XML signing Certificates between the date the instrument is signed following its laying in Parliament for 40 days (around mid-September) and the date it comes into force (a few days later).

### Rationale

- Although the above legal changes will be designated around mid-September 2020, other DCC systems changes to support functionality relating to SAPC and XML signing Certificates (covered in Chapters 1 and 3) will not come into effect until the November 2020 Release. Holding back on designating the SAPC and XML signing Certification Tech Spec and SSD changes until November 2020 will prevent access to the relevant functionality for SAPC-related licence and SEC changes and keep the DCC in line with SEC obligations.

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<sup>10</sup> There are no substantive changes to the Technical Specifications included within these re-designated documents.

<sup>11</sup> Re-designating the TSAT does not change any IVP, MVP or applicability periods.

- The proposed changes to the SMKI Recovery Procedure for implementation in mid-September are not linked to any SEC changes that were proposed in our January 2020 or April 2020 consultations. We are proposing to make the changes because we agreed that we would do so with the SMKI Policy Management Authority (SMKI PMA). The proposed changes are intended to:
  - Extend the scope of the Recovery Procedure to also apply to recovery of Organisation Certificates used in communications with SMETS1 Devices; and
  - Modify the processes that apply where the Contingency Private Key and Contingency Symmetric Key are used to reflect the way in which it is now proposed these keys would be used in the relevant recovery process.

The changes to the Recovery Procedure have been reviewed and approved by the SMKI PMA.

### Consultation Questions

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|-----|--|
| Q3. | Do you agree with the proposed drafting of SEC Schedule 9 – SMETS1 1 February 2018, SMETS2 1 February 2018, SMETS2 8 November 2018 and SMETS2 4 July 2019 to support DLV (please refer to Annex C)?                                    |
| Q4. | Do you agree with the proposed changes to SEC Schedule 11 – TSAT to support DLV (please refer to Annex C)?   |
| Q5. | Do you have any comments on the proposed Incompatibility Matrix (please refer to Annex C)?   |
| Q6. | Do you agree with the proposed changes to SEC Appendix L – SMKI Recovery Procedure for the purpose set out in this consultation (please refer to Annex C)?   |
| Q7. | Do you agree with our proposal to designate <sup>12</sup> /re-designate the documents referred to in the above questions 3 – 6 on 19 September 2020 (or, if necessary, as soon as reasonably practicable within one month thereafter)? |

<sup>12</sup> Please note that in the case of the SEC Schedule 9, the new SMETS documents will replace the existing versions of SMETS, so in this case we are not simply introducing new documents into Schedule 9, but also removing the existing ones.

### 3. Chapter 3: Proposed changes to SEC Technical Specifications and Subsidiary Documents for implementation in November 2020

#### Background

- As stated in Chapter 1 and in Chapter 2, although changes to the electricity and gas supply licences, the DCC licence and the SEC to support SAPCs within the smart metering arrangements will be designated in around mid-September 2020, access to the associated SAPC functionality will only be provided at the November 2020 Release when DCC makes necessary changes to its systems. Similarly changes to support the use of XML signing Certificates are planned to become effective as part of the November 2020 Release.
- Further Technical Specification and SSD changes will need to be designated in November, at the same time as DCC system changes for SAPC functionality to be operational for DCC Users and to underpin the issuing and use of XML signing Certificates.

#### Proposal

- We propose that the following Technical Specification and SSDs are designated/re-designated to coincide with the November 2020 SEC Release to provide access to SAPC functionality (a draft of each document is included in Annex C of this consultation and comments are invited upon them):
  - SEC Schedule 8 to designate GBCS v4.0 which includes changes related to APC functionality (this was consulted on in October 2019 and is therefore not included in Annex C);
  - SEC Schedule 9 to designate SMETS2 v5.0 Draft 4 with DLV applied as SMETS2 29 November 2020;
  - SEC Schedule 10 to designate CHTS v1.4 which includes changes related to APC functionality (this was consulted on in October 2019 and is therefore not included in Annex C);
  - SEC Appendix E to introduce a revised version of UISS which will include additional Service Requests that are required to operate SAPCs. The current version of UISS is UISS v2.0, to which SECAS will be applying a SEC Mod in June 2020 and change this to UISS v3.0. Therefore, we are consulting on changes that will apply to UISS v3.0 with the aim of re-designating it as UISS v4.0;
  - SEC Appendix AB to include SAPCs in the Service Request Processing Document (SRPD) v4.0; and
  - SEC Appendix AC to include SAPCs in the Inventory, Enrolment and Decommissioning Procedures (IEDP) v2.1.
- We also propose to re-designate SEC Schedule 11 – TSAT during the November 2020 SEC Release to include SMETS2 29 November 2020. However, we are not consulting on a draft version of this November 2020 TSAT as further amendments to it may take

place between now and November 2020 and therefore this will be subject to consultation in due course but in advance of the November 2020 Release.

- In addition, we propose to re-designate SEC Appendices B (Organisation Certificate Policy), D (SMKI Registration Authority Policies and Procedures) and M (SMKI Interface Design Specification). Again, a draft of each document is included in Annex C of this consultation and comments are invited upon them.

## Rationale

The proposed changes to the Technical Specifications and SSDs mentioned above are to facilitate the implementation of concluded BEIS policy in the November 2020 Release (Chapter 1 summarises the policy development background).

## Consultation Questions

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| Q8.  | Do you agree with BEIS' proposal to designate additional documents for inclusion in SEC Schedules 8, 9 and 10 and to re-designate the document in Schedule 11 as well as SEC Appendices E, AB and AC as part of the November 2020 SEC Release in order to provide access to SAPC functionality? |
| Q9.  | Do you agree with BEIS' proposal to re-designate SEC Appendices B, D and M as part of the November 2020 SEC Release in order to introduce XML signing Certificates?   |
| Q10. | Do you agree with the proposed drafting of SEC Schedule 9 – SMETS2 29 November 2020 for the purpose set out in this consultation (please refer to Annex C)?   |
| Q11. | Do you agree with the proposed changes to SEC Appendix B – Organisation Certificate Policy v1.2 for the purpose set out in this consultation (please refer to Annex C)?   |
| Q12. | Do you agree with the proposed changes to SEC Appendix D – SMKI Registration Authority Policies and Procedures v2.1 for the purpose set out in this consultation (please refer to Annex C)?   |
| Q13. | Do you agree with the proposed changes to SEC Appendix E – UISS v4.0 for the purpose set out in this consultation (please refer to Annex C)?  |
| Q14. | Do you agree with the proposed changes to SEC Appendix M – SMKI Interface Design Specification v1.4 for the purpose set out in this consultation (please refer to Annex C)?   |
| Q15. | Do you agree with the proposed changes to SEC Appendix AB – SRPD v4.0 for the purpose set out in this consultation (please refer to Annex C)?   |
| Q16. | Do you agree with the proposed changes to SEC Appendix AC – IEDP v2.1 for the purpose set out in this consultation (please refer to Annex C)?   |

## Annex B: Regulatory Modification Roadmap 2020

There are a number of required regulatory changes to the SEC, DCC licence, electricity and gas supply licences, the BSC and the UNC between now and the November 2020 SEC Release. The table below summarises policy developments and when these changes are proposed to come into legal effect, focusing on the changes we consulted on in January 2020, April 2020 and in this consultation document. Please note that the scope of this roadmap is limited to the policy areas described in this consultation document; other policy areas have been progressed in parallel (for example those relating to the post-2020 smart meter policy framework).

Date	Event
January 2020	Consultation seeking views on, among other things, proposals that require amendments to the standard conditions of gas and supply licences, the DCC licence and the SEC <sup>2</sup> : <ul style="list-style-type: none"> <li>• Changes to split the SMETS into individual Device specifications so that version numbering and validity dates can be applied to each Device type.</li> <li>• Associated changes to provide for an “incompatibility matrix” rather than the existing “compatibility matrix”.</li> <li>• Changes to introduce a new type of SMKI Organisation Certificate: “XML signing Certificates”.</li> </ul>
April 2020	Consultation seeking views on changes that relate to the electricity and gas supply licences, the DCC licence, the SEC, the BSC and the UNC <sup>3</sup> and included, among other things: <ul style="list-style-type: none"> <li>• Changes to the electricity and gas supply licences, DCC licence and the SEC to support SAPCs (and associated changes relating to sub-meters) within the smart metering arrangements.</li> <li>• Changes to the SEC, the BSC and the UNC to support the inclusion of registration data identifiers with XML signing Certificates.</li> </ul>
May 2020	<ul style="list-style-type: none"> <li>• DCC consultation on DUIS v4.0 and MMC v4.0.</li> </ul>
June 2020	<ul style="list-style-type: none"> <li>• SVTAD for November 2020 SEC Release Designated.</li> <li>• Government response to outstanding January 2020 consultation issues and April consultation is published.</li> <li>• BEIS lays in Parliament the changes to licences and codes from the April 2020 consultation and those outstanding changes from the January 2020 consultation before Parliament.</li> </ul>
August 2020	<ul style="list-style-type: none"> <li>• Notify SMETS2 29 November 2020 (baselined as SMETS2 v5.0 Draft 4), CHTS v1.4 Draft 1, GBCS v4.0 Draft 4 and the CPA SC for SAPC under EU Technical Standards Directive 2015/1535/EU.</li> </ul>

September 2020	<ul style="list-style-type: none"> <li>• TSAT and SMKI Recovery Procedure are re-designated.</li> <li>• New DLV versions replace all existing live versions of SMETS.</li> <li>• Direction under Section X3.1 (as modified by X1.5(iii)) made to postpone coming into force of XML signing Certificates prior to DCC's November systems update.</li> </ul>
October 2020	<ul style="list-style-type: none"> <li>• Designation of the CTSD and ETAD (version numbers to be confirmed in the DCC consultation on these documents).</li> </ul>
November 2020	<ul style="list-style-type: none"> <li>• Designation of SMETS2 29 November 2020, GBCS v4.0, DUIS v4.0, MMC v4.0, IEDP v2.1, UISS v4.0, SRPD v4.0, CHTS v1.4 and TSAT (in support of APCs).</li> <li>• Re-designation of SMKI Organisation Certificate Policy, SMKI Interface Design Specification and SMKI Registration Authority Policies and Procedures (in support of XML Signing).</li> <li>• Direction under X3.1 repealed as XML signing becomes functional.</li> </ul>