



Department for
Business, Energy
& Industrial Strategy

Department for Business,
Energy & Industrial Strategy
3 Whitehall Place,
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www.gov.uk/beis

8 November 2016

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

Dear Colleague,

SMART METERING IMPLEMENTATION PROGRAMME (SMIP) DIRECTION TO DESIGNATE FOR DCC LIVE THE DATE FROM WHICH CERTAIN SEC SECTIONS HAVE LEGAL EFFECT AND TO DESIGNATE OR RE-DESIGNATE A NUMBER OF SEC SUBSIDIARY DOCUMENTS AND SCHEDULES FOR INCORPORATION INTO THE SMART ENERGY CODE (SEC)

Introduction

1. Our letter of 16 August 2016 sought views on the timing and manner of bringing into legal effect SEC Sections, Subsidiary Documents and Schedules necessary to constitute DCC Live. We have set out in **Annex V**¹ our response to the comments received to that consultation and also to some more recent, related consultations.
2. Further to the decision of the SMIP SRO of today's date that the Data and Communications Company (DCC) should provide live services in the Central and South Regions from today, this direction letter activates the relevant SEC Sections and designates or re-designates a number of SEC Subsidiary Documents and Schedules such that they take legal effect from today's date ("DCC Live"). In line with previous consultations and SMIP SRO decisions referenced in **Annex V**, some of the provisions brought into legal effect today are varied by this direction letter such that certain functional requirements are temporarily changed or dis-applied (including the provision of services to the North Region and to Registered Supplier Agents and Other Users).

¹ The Annexes to this letter can be found at:

<https://www.smartenergycodecompany.co.uk/docs/default-source/sec-documents/sec-5.0/dcc-live-direction-annexes-a-v.zip?sfvrsn=2>

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.

Section F

Pursuant to Section X3.1(b) (Effective Dates) of the SEC, the Secretary of State hereby designates **8 November 2016** as the date from which Section F3 (Panel Dispute Resolution Role) and Section F4.9 (Power Outage Alerts) shall have legal effect.

Section H

Pursuant to Section X3.1(b) (Effective Dates) of the SEC, the Secretary of State hereby designates **8 November 2016** as the date from which the following Sections shall have legal effect:

- (a) Section H3 (DCC User Interface) to the extent not already having legal effect, but excluding Section H3.27 (Managing Demand for DCC User Interface Services);
- (b) Section H4 (Processing Service Requests);
- (c) Section H5 (Smart Metering Inventory & Enrolment Services);
- (d) Section H6 (Decommissioning, Withdrawal & Suspension of Devices);
- (e) Section H8 (Service Management, Self-Service Interface and Service Desk) to the extent not already having legal effect;
- (f) Section H9 (Incident Management Policy);
- (g) Section H10.9 to H10.13 (Business Continuity);
- (h) Section H11 (Parse and Correlate Software); and
- (i) Section H14.36 (DCC Internal System Change Testing) and the other provisions of Section H14 which apply in respect of testing under Section H14.36 (to the extent not already having legal effect).

Re-designation of SEC Subsidiary Documents

Pursuant to Condition 22 of the DCC Licence and Section X5 of the SEC, the Secretary of State directs that, with effect from **8 November 2016**:

- (a) the **Communications Hubs Handover Support Materials** previously designated and incorporated into the SEC as Appendix H is hereby re-designated for incorporation in the form set out at **Annex N** in this direction.
- (b) the **Communications Hubs Installation and Maintenance Support Materials** previously designated and incorporated into the SEC as Appendix I is hereby re-designated for incorporation in the form set out at **Annex O** in this direction.
- (c) the **SMKI Recovery Procedure** previously designated and incorporated into the SEC as Appendix L is hereby re-designated for incorporation in the form set out at **Annex P** in this direction.
- (d) the **SMKI Repository Interface Design Specification** previously designated into the SEC as Appendix O is hereby re-designated for incorporation in the form set out at **Annex Q** in this direction.
- (e) the **DCC Gateway Connection Code of Connection** previously designated into the SEC as Appendix G is hereby re-designated for incorporation in the form set out at **Annex R** in this direction.
- (f) the **SMKI and Repository Test Scenarios Document** previously designated into the SEC as Appendix K is hereby re-designated for incorporation in the form set out at **Annex S** in this direction.
- (g) the **SMKI Interface Design Specification** previously designated into the SEC as Appendix M is hereby re-designated for incorporation in the form set out at **Annex T** in this direction.
- (h) the **SMKI Code of Connection** previously designated into the SEC as Appendix N is hereby re-designated for incorporation in the form set out at **Annex U** in this direction.

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). This includes (without limitation) the direction of 14 September 2015 in respect of the Communications Hubs Handover Support Materials, the direction of 8 February 2016 in respect of the SMKI Recovery Procedure, and the direction of 8 March 2016 in respect of the SMKI Code of Connection.

Pursuant to Condition 22 of the DCC Licence and Section X5.6 of the SEC, the definition of SMI Status in Section A1 (Definitions) of the SEC is hereby amended by: (1) deleting the word "or" from the end of paragraph (f); (2) replacing the full stop at the end of paragraph (g) with a semi colon; and (3) adding the following new paragraphs at the end of the definition:

"(h) 'recovery' indicating that the processing of communications destined for the Device has been

disabled (other than for communications originated by DCC) in accordance with the SMKI Recovery Procedure; or

- (i) 'recovered' indicating that the Data comprising the Device Security Credentials have successfully been updated using Data from one or more OCA Certificates and/or Organisation Certificates for which DCC is the Subscriber as further described in the SMKI Recovery Procedure."

Designation of SEC Subsidiary Documents and Schedules

Pursuant to Condition 22 of the DCC Licence and Section X5 of the SEC, the Secretary of State directs that with effect from **8 November 2016**:

- (a) the document set out at **Annex A** in this direction is hereby designated for incorporation as the **GB Companion Specification** and shall be incorporated into the SEC as Schedule 8.
- (b) the document set out at **Annex B** in this direction is hereby designated for incorporation as the **Smart Metering Equipment Technical Specifications** and shall be incorporated into the SEC as Schedule 9.
- (c) The document set out at **Annex C** in this direction is hereby designated for incorporation as the **Communications Hub Technical Specifications** and shall be incorporated into the SEC as Schedule 10.
- (d) the document set out at **Annex D** in this direction is hereby designated for incorporation as the **Threshold Anomaly Detection Procedures** and shall be incorporated into the SEC as Appendix AA.
- (e) the document set out at **Annex E** in this direction is hereby designated for incorporation as the **Service Request Processing Document** and shall be incorporated into the SEC as Appendix AB.
- (f) the document set out at **Annex F** in this direction is hereby designated for incorporation as the **Inventory, Enrolment and Withdrawal Procedures** and shall be incorporated into the SEC as Appendix AC.
- (g) the document set out at **Annex G** in this direction is hereby designated for incorporation as the **DCC User Interface Services Schedule** and shall be incorporated into the SEC as Appendix E.
- (h) the document set out at **Annex H** in this direction is hereby designated for incorporation as the **DCC User Interface Specification** and shall be incorporated into the SEC as Appendix AD.
- (i) the document set out at **Annex I** in this direction is hereby designated for incorporation as the

DCC User Interface Code of Connection and shall be incorporated into the SEC as Appendix AE.

- (j) the document set out at **Annex J** in this direction is hereby designated for incorporation as the **Message Mapping Catalogue** and shall be incorporated into the SEC as Appendix AF.
- (k) the document set out at **Annex K** in this direction is hereby designated for incorporation as the **Incident Management Policy** and shall be incorporated into the SEC as Appendix AG.
- (l) the document set out at **Annex L** in this direction is hereby designated for incorporation as the **Self Service Interface Design Specification** and shall be incorporated into the SEC as Appendix AH.
- (m) the document set out at **Annex M** in this direction is hereby designated for incorporation as the **Self Service Interface Code of Connection** and shall be incorporated into the SEC as Appendix AI.

Pursuant to Section X3.2(b) (Effective Dates) of the SEC, the Secretary of State hereby designates **8 November 2016** as the date from which the documents designated above shall have legal effect.

Pursuant to Condition 22 of the DCC Licence and Section X5.6 of the SEC:

- (a) Section A1 (Definitions) of the SEC is hereby amended:
 - (i) By replacing the words "Schedule [TBC]" in the definition of GB Companion Specification with the words "Schedule 8".
 - (ii) By replacing the defined expression "Smart Metering Equipment Technical Specification" with the defined expression "Smart Metering Equipment Technical Specifications ", and replacing the words "Schedule [TBC]" in that definition with the words "Schedule 9".
 - (iii) By replacing the defined expression "Communications Hub Technical Specification" with the defined expression "Communications Hub Technical Specifications", and replacing the words "Schedule [TBC]" in that definition with the words "Schedule 10".
 - (iv) By replacing existing paragraph (c) in the defined expression "Security Obligations and Assurance Arrangements" with a new paragraph (c) as follows: "(c) in the case of Smart Metering Systems, those requirements set out in the Commercial Product Assurance Security Characteristics (as defined in the GB Companion Specification); and".
 - (v) By replacing the words "Appendix [TBC]" in the definition of Threshold Anomaly Detection Procedures with the words "Appendix AA".
 - (vi) By replacing the words "Appendix [TBC]" in the definition of Service Request

Processing Document with the words “Appendix AB”.

- (vii) By replacing the words “Appendix [TBC]” in the definition of Inventory, Enrolment and Withdrawal Procedures with the words “Appendix AC”.
- (viii) By replacing the words “Appendix [TBC]” in the definition of DCC User Interface Services Schedule with the words “Appendix E”.
- (ix) By replacing the words “Appendix [TBC]” in the definition of DCC User Interface Specification with the words “Appendix AD”.
- (x) By replacing the words “Appendix [TBC]” in the definition of DCC User Interface Code of Connection with the words “Appendix AE”.
- (xi) By replacing the words “Appendix [TBC]” in the definition of Message Mapping Catalogue with the words “Appendix AF”.
- (xii) By replacing the words “Appendix [TBC]” in the definition of Incident Management Policy with the words “Appendix AG”.
- (xiii) By replacing the words “Appendix [TBC]” in the definition of Self-Service Interface Design Specification with the words “Appendix AH”.
- (xiv) By replacing the words “Appendix [TBC]” in the definition of Self Service Interface Code of Connection with the words “Appendix AI”.
- (xv) By adding the words “the GB Companion Specification,” immediately after the words “the Technical Specifications,” in the definition of Technical Code Specifications.
- (xvi) By adding the following new definitions in the appropriate location in accordance with alphabetical order:

Access Control Broker means the DCC, acting in the capacity and exercising the functions of the Known Remote Party role identified as such in the GB Companion Specification.

Message has the meaning given to that expression in the GB Companion Specification.

Wide Area Network (WAN) Provider means the DCC, acting in the capacity and exercising the functions of the Known Remote Party role identified as such in the GB Companion Specification.

- (b) Section A2 (Interpretation) of the SEC is hereby amended by adding, immediately following

Section A2.8, the following:

"A2.9 Where any expression is defined both in Section A1 (Definitions) and in any Technical Specification:

- (a) the definition in the Technical Specification shall take precedence for the purposes of the Technical Specification; and
- (b) the definition in Section A1 shall take precedence for all other purposes.

A2.10 For the purposes of Section A2.9, where the meaning of an expression is explained in any glossary (or equivalent section) contained within a Technical Specification, it shall be treated as an expression that is defined in that Technical Specification.

A2.11 Where any Data is:

- (a) embedded as a file within the electronic copy of any Technical Specification, the DCC User Interface Services Schedule or the Message Mapping Catalogue; and/or

- (b) represented within the tangible copy of that document as being so embedded,

it shall be treated for all the purposes of this Code as an integral part of the content of that document."

(c) The SEC is hereby amended by adding, immediately following Section A2 (Interpretation) a new Section as follows:

A3 The Technical Specifications and the GB Companion Specification

A3.1 In this Section A3, a "Specification" means the SMETS, the CHTS or the GB Companion Specification.

A3.2 This Section A3 has effect for the purposes of identifying, in respect of any provisions of a Specification which make reference to a "relevant version" of another Specification (or any related document), which version of that other Specification or related document is the relevant version.

A3.3 References in any version of a Specification to the "relevant version" of another Specification (or related document) shall for the purposes of this Code be interpreted in accordance with Sections A3.4 to A3.6.

A3.4 For the purposes of version 1.0 of the CHTS, the relevant version of the GB Companion Specification shall be GBCS version 1.0.

A3.5 For the purposes of version 2.0 of the SMETS, the relevant version of the GB Companion Specification shall be GBCS version 1.0.

A3.6 For the purposes of version 1.0 of the GB Companion Specification, the relevant version of:

- (a) the CPA Security Characteristic Smart Metering – Communications Hub shall be version 1.2 of that document;
- (b) the CPA Security Characteristic Smart Metering – Electricity Smart Metering Equipment shall be version 1.2 of that document;
- (c) the CPA Security Characteristic Smart Metering – Gas Smart Metering Equipment shall be version 1.2 of that document;
- (d) the CPA Security Characteristic Smart Metering – HAN Connected Auxiliary Load Control Switch shall be version 1.2 of that document.

(d) Section N1.1 (Definitions for this Section N) of the SEC is hereby amended by replacing the definition of "SMETS1 Meter" with the following:

SMETS1 Meter means an Energy Meter that has (as a minimum) the functional capability specified by and complies with the other requirements of the document entitled the 'Smart Metering Equipment Technical Specification' that was designated under the Energy Supply Licences on 18 December 2012 and amended and restated on 31 March 2014 (but not the SMETS set out in Schedule 9).

(e) The SEC is hereby amended by replacing:

- (i) each and every reference to "Smart Metering Equipment Technical Specification" or "Smart Metering Technical Specification" with the words "Smart Metering Equipment Technical Specifications"; and
- (ii) each and every reference to "Communications Hub Technical Specification" with the words "Communications Hub Technical Specifications".

Section H1.5 and H1.6 (User IDs)

On 3 June 2016, the Secretary of State directed that Sections H1.5 and H1.6 (User IDs) of the SEC were to have effect subject to certain variations. Pursuant to Section X3.7 (Provisions to be Effective Subject to Variations), the Secretary of State hereby designates **29 June 2017** (or such later date as the Secretary of State may direct) as the date on and from which those variations shall cease to apply.

Section H3.14(g) (Target Response Times)

Pursuant to Section X3.6 of the SEC, the Secretary of State hereby directs that Section H3.14(g) (Target Response Times) shall apply subject to the following variations:

- (a) in relation to Communications Hubs in the South and Central Regions, the Target Response Time for Power Outage Alerts (DUIS Alert Code AD1) and Power Restore Alerts (SMETS 5.5.12 and 5.17.2.6) shall be 180 seconds;
- (b) in relation to Communications Hubs in the North Region, the Target Response Time for Power Outage Alerts (DUIS Alert Code AD1) and Power Restore Alerts (SMETS 5.5.12 and 5.17.2.6) shall be 180 seconds;
- (c) in relation to the North Region, where power is lost to more than 350 Communications Hubs as a consequence of one or more temporally proximate events, the Target Response Time for delivery of the resulting Power Outage Alerts will be deemed not to apply; but the DCC shall still be obliged to deliver them as soon as is reasonably practicable and in any event, shall deliver no fewer than 350 Power Outage Alerts in each 180 second period (to the extent that any such alerts remain undelivered); and
- (d) in relation to the North Region, where power is restored to more than 250 Communications Hubs as a consequence of one or more temporally proximate events, the Target Response Time for delivery of the resulting Power Restore Alerts will be deemed not to apply; but the DCC shall still be obliged to deliver them as soon as is reasonably practicable and in any event shall deliver no fewer than 250 Power Restore Alerts in each 180 second period (to the extent that any such alerts remain undelivered).

These variations shall apply until **30 October 2018** (or such later date as the Secretary of State may direct).

Section H3.24 (Managing Demand for DCC User Interface Services)

Pursuant to Section X3.6 of the SEC, the Secretary of State hereby directs that Section H3.24 (Managing Demand for DCC User Interface Services) shall apply as if the words "10th Working Day" were replaced with the words "20th Working Day".

Section H8.16(c) (Self Service Interface)

Pursuant to Section X3.6 of the SEC, the Secretary of State hereby directs that Section H8.16(c) (Self Service Interface) shall apply subject to the following variations:

- (a) the DCC shall not be required to record whether the Service Requests referred to in Section H8.16(c) were successfully processed; and
- (b) the DCC shall:
 - (i) not be required to make the record referred to in Section H8.16(c) available via the

Self Service Interface unless all the Service Requests in question were sent by the User requesting the record (which variation shall apply notwithstanding any provision of the Self-Service Interface Design Specification); and

- (ii) the DCC shall instead, from such date as the Secretary of State may direct, make the record available on request via a secure electronic means that need not be the Self-Service Interface (to be provided as soon as reasonably practicable, and in any event within 1 Working Day, after the request).

These variations shall apply until **30 June 2017** (or such later date as the Secretary of State may direct in relation to either or both of them).

Section H8.16(f) (Self Service Interface)

Pursuant to Section X3.7 of the SEC, the Secretary of State hereby directs that the variation applying to Section H8.16(f) (Self Service Interface) pursuant to the direction dated 30 April 2015 shall cease to apply with effect from **8 November 2016**.

Section H8.17 (Self Service Interface)

Pursuant to Section X3.6 of the SEC, the Secretary of State hereby directs that Section H8.17 (Self Service Interface) shall not apply until such date as the Secretary of State may direct.

Variations in relation to Section E (Section X2.4)

Pursuant to Section X2.7 of the SEC, the Secretary of State hereby designates **8 November 2016** as the date on which the variations to the SEC set out in the following Sections cease to apply:

- (a) Section X2.4(c); and
- (b) Section X2.4(d) in relation to Sections E2.3.

Inventory, Enrolment and Withdrawal Procedures

Pursuant to Section X3.6 of the SEC, the Secretary of State hereby directs that the Inventory Enrolment and Withdrawal Procedures shall apply subject to the following variations:

- (a) Clause 2.4 of the Inventory, Enrolment and Withdrawal Procedures shall, in the case of Communications Hubs delivered prior to the date on which that Clause has effect, require the relevant Devices to be added to the Smart Metering Inventory on the day that Clause has effect (rather than prior to delivery); and
- (b) Clauses 5.8, 5.9 and 5.10 (Post-Commissioning Procedures) shall be deemed omitted from the document.

DUIS and SRPD: Processing Non-Critical Demands to suspend Devices

Pursuant to Section X3.6 of the SEC, the Secretary of State hereby directs that, notwithstanding Clauses 3.8.74.3 and 3.8.110.3 of the DCC User Interface Specification or Clause 6.1(c) of the Service Request Processing Document, the DCC shall not be obliged to send Commands associated with 'Update Firmware' or 'CoS Update Security Credentials' Service Requests to Devices that have a SMI Status of 'suspended'.

Self-Service Interface Design Specification

Pursuant to Section X3.6 (Provisions to be Effective Subject to Variations), the Secretary of State hereby directs that the Self-Service Interface Design Specification is to apply on the basis that the DCC shall take reasonable steps to make advisory coverage information that is equivalent to the information referred to as "UC_CSPCoverage_001 (SM WAN network coverage)" available to all other Parties via a readily available and commonly used electronic format (in addition to being available to Users via the Self-Service Interface).

DCC User Interface Services Schedule: Service Release 1.2

Pursuant to Section X3.6 of the SEC, the Secretary of State hereby directs that the DCC User Interface Services Schedule shall apply:

- (a) such that no User is an Eligible User for any Service Request that would result in the DCC sending a Command to a Device in the North Region;
- (b) such that Registered Supplier Agents are not Eligible Users for any Service Requests;
- (c) such that Other Users are not Eligible Users for any Service Requests;
- (d) such that there is no Eligible User for the 'Read Device Configuration (Identity ExcMPxN)' Service Request (Service Reference Variant 6.2.4) in circumstances where the resultant Command would be destined for a Gas Smart Meter or a Gas Proxy Function (which variation shall apply notwithstanding any provision of the DCC User Interface Specification); and
- (e) such that the following Service Requests are deemed to be omitted from the DCC User Interface Services Schedule, so that there are no Eligible Users for them:

Service Reference Variant	Service Request Name
1.1.2	Update Import Tariff (Secondary Element)
1.2.2	Update Price (Secondary Element)
1.5	Update Meter Balance
1.6	Update Payment Mode

2.1	Update Prepay Configuration
2.2	Top Up Device
2.3	Update Debt
2.5	Activate Emergency Credit
3.1	Display Message
3.3	Clear Event Log
4.1.4	Read Instantaneous Import Block Counters
4.2	Read Instantaneous Export Registers
4.3	Read Instantaneous Prepay Values
4.4.4	Retrieve Billing Data Log (Payment Based Debt Payments)
4.4.5	Retrieve Billing Data Log (Prepayment Credits)
4.6.2	Retrieve Export Daily Read Log
4.8.1	Read Active Import Profile Data
4.8.2	Read Reactive Import Profile Data
4.8.3	Read Export Profile Data
4.10	Read Network Data
4.11.2	Read Tariff (Secondary Element)
4.12.1	Read Maximum Demand Import Registers
4.12.2	Read Maximum Demand Export Registers
4.13	Read Prepayment Configuration
4.14	Read Prepayment Daily Read Log
4.15	Read Load Limit Data
4.18	Read Meter Balance
6.2.1	Read Device Configuration (Voltage)
6.2.5	Read Device Configuration (Instantaneous Power Thresholds)
6.2.8	Read Device Configuration (Gas)
6.2.9	Read Device Configuration (Payment Mode)
6.4.1	Update Device Configuration (Load Limiting General Settings)

6.4.2	Update Device Configuration (Load Limiting Counter Reset)
6.5	Update Device Configuration (Voltage)
6.12	Update Device Configuration (Instantaneous Power Threshold)
6.14.1	Update Device Configuration (Auxiliary Load Control Description)
6.14.2	Update Device Configuration (Auxiliary Load Control Scheduler)
6.18.1	Set Maximum Demand Configurable Time Period
6.18.2	Reset Maximum Demand Registers
6.20.2	Set Device Configuration (Export MPAN)
6.22	Configure Alert Behaviour
7.5	Activate Auxiliary Load
7.6	Deactivate Auxiliary Load
7.7	Read Auxiliary Load Switch Data
7.8	Reset Auxiliary Load
7.9	Add Auxiliary Load To Boost Button
7.10	Remove Auxiliary Load From Boost Button
7.11	Read Boost Button Details
7.12	Set Randomised Offset Limit
8.5	Service Opt Out
9.1	Request Customer Identification Number
14.1	Record Network Data (GAS)

The variation set out in paragraph (e) above, whereby Certain Service Requests are deemed omitted from the DCC User Interface Services Schedule, constitutes a series of separate variations, such that the omission of each such Service Request can be cancelled separately from the variations to the other such Service Requests (as provided for in Section X3.8 of the SEC). The variations to the DCC User Interface Services Schedule shall apply notwithstanding any provision of the DCC User Interface Specification.

This direction is also being notified to the SEC Administrator and an updated version of the SEC to reflect these changes will be available on the SEC website in due course.



Duncan Stone

Head of Delivery

Smart Metering Implementation Programme

(an official of the Department for Business, Energy & Industrial Strategy authorised to act on behalf of the Secretary of State)

Annexes:²

- Annex A: Great Britain Companion Specification
- Annex B: Smart Metering Equipment Technical Specifications
- Annex C: Communications Hubs Technical Specifications
- Annex D: Threshold Anomaly Detection Procedures
- Annex E: Service Request Processing Document
- Annex F: Inventory, Enrolment and Withdrawal Procedures
- Annex G: DCC User Interface Services Schedule
- Annex H: DCC User Interface Specification
- Annex I: DCC User Interface Code of Connection
- Annex J: Message Mapping Catalogue
- Annex K: Incident Management Policy
- Annex L: Self Service Interface Design Specification
- Annex M: Self Service Interface Code of Connection
- Annex N: CH Handover Support Materials
- Annex O: CH Installation and Maintenance Support Materials
- Annex P: SMKI Recovery Procedure
- Annex Q: SMKI Repository Interface Design Specification
- Annex R: DCC Gateway Connection Code of Connection
- Annex S: SMKI and Repository Test Scenarios Document
- Annex T: SMKI Interface Design Specification
- Annex U: SMKI Code of Connection
- Annex V: Consultation Response

² The Annexes to this letter can be found at:

<https://www.smartenergycodecompany.co.uk/docs/default-source/sec-documents/sec-5.0/dcc-live-direction-annexes-a-v.zip?sfvrsn=2>