

## ENERGY

### SMART METERS

#### **MODIFICATIONS TO THE STANDARD CONDITIONS OF ELECTRICITY AND GAS SUPPLY LICENCES, THE SMART METER COMMUNICATION LICENCES, THE SMART ENERGY CODE, THE UNIFORM NETWORK CODE AND THE BALANCING AND SETTLEMENT CODE (SMART METERS No. 3 of 2020)**

The Secretary of State makes the following licence modifications and modifications to the Smart Energy Code, the Uniform Network Code, and the Balancing and Settlement Code in exercise of the powers conferred by section 88(1) of the Energy Act 2008 ("the Act").

The Secretary of State has consulted the holders of any licence being modified, the Gas and Electricity Markets Authority and such other persons as the Secretary of State considered appropriate in accordance with section 89(1) of the Act.

A draft of these modifications has been laid before Parliament in accordance with section 89(3) of the Act. Neither House of Parliament resolved, within the 40-day period referred to in section 89(4) of the Act, that the Secretary of State should not make the modifications.

#### **Interpretation**

- 1 In these modifications –
  - (a) "Smart Energy Code" means the document of that title required to be maintained and in force in accordance with condition 21 of the smart meter communication licences; and
  - (b) "smart meter communication licences" means –
    - (i) the licence granted to Smart DCC Limited on 20 September 2013 under section 7AB(2) of the Gas Act 1986; and
    - (ii) the licence granted to Smart DCC Limited on 20 September 2013 under section 6(1A) of the Electricity Act 1989;
  - (c) "Uniform Network Code" means the document of that title prepared pursuant to standard condition 9 of gas transporter licences granted, or treated as granted, under section 7 of the Gas Act 1986; and
  - (d) "Balancing and Settlement Code" means the document of that title prepared pursuant to standard condition C3 of electricity transmission licences granted, or treated as granted, under section 6(1)(b) of the Electricity Act 1989.

#### **Modifications to the standard conditions of electricity supply licences**

- 2 The standard conditions of electricity supply licences granted or treated as granted under section 6(1)(d) of the Electricity Act 1989 are modified, in accordance with paragraphs 3 to 13 below, with effect from the date that is 5 days after the date on which this instrument is made.
- 3 In standard condition 1, in paragraph 1.3 –
  - (a) insert, in alphabetical order, the following new definitions –

<b>"Additional Electricity Smart Meter"</b>	means a device which: <ol style="list-style-type: none"><li>(a) is either a SMETS1 ESME, or is a device installed (or to be installed) at premises which:<ol style="list-style-type: none"><li>(i) consists of the components or other apparatus identified in; and</li></ol></li></ol>
---------------------------------------------	-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

(ii) as a minimum, has the functional capability specified by and complies with the other requirements of,

the part(s) of the ESME Technical Specification in a Version of the ESME Technical Specification which was within its Installation Validity Period on the date on which the device was installed; and

(b) is installed at premises in such a manner and/or configuration that it is:

(i) joined to a Communications Hub Function at the premises; but

(ii) incapable of being used for the purposes of determining the quantity of electricity supplied to the premises.

**ARS Specified Date** means 30 June 2021 or such later date as may be specified in a direction issued by the Secretary of State.

**Communications Hub Function** has the meaning given to it in the Smart Energy Code.

**ESME Technical Specification (or ESMETS)** has the meaning given to 'Electricity Smart Metering Equipment Technical Specification (or ESMETS)' in the Smart Energy Code.

**SAPC Technical Specification (or SAPCTS)** has the meaning given to it in the Smart Energy Code.

**SMETS1 ESME** has the meaning given to it in the Smart Energy Code.

**SMETS1 PPMID** has the meaning given to it in the Smart Energy Code.

**Standalone Auxiliary Proportional Controller (or SAPC)** means a device installed (or to be installed) at a premises, which:

(a) consists of the components or other apparatus identified in; and

(b) as a minimum, has the functional capability specified by and complies with the other requirements of,

a Version of the SAPC Technical Specification which was within its Installation Validity Period on the date on which the device was installed.";

(b) in the definition of "**Compatible**" –

(i) after "a Technical Specification, means" delete "compatible" and insert "that the relevant Version of the Technical Specification is not incompatible"; and

(ii) after "with the meaning given to" delete "that expression" and insert "the term 'incompatible'";

(c) delete, in its entirety, the existing definition of "**HAN Connected Auxiliary Load Control Switch (or HCALCS)**" and insert a new definition as follows –

**"HAN Connected Auxiliary Load** means a device installed (or to be installed) at a

**Control Switch (or HCALCS)**

premises, which:

- (a) consists of the components or other apparatus identified in; and
- (b) as a minimum, has the functional capability specified by and complies with the other requirements of,

a Version of the HCALCS Technical Specification which was within its Installation Validity Period on the date on which the device was installed.";

- (d) in the definition of "**HAN Interface**" –
  - (i) in sub-paragraph (a), after "to that term in the" delete "Metering Equipment Section of the Version of the SME" and insert "Version of the ESME"; and
  - (ii) in sub-paragraph (b), after "in that Version of the" delete "SME" and insert "ESME";
- (e) delete, in its entirety, the existing definition of "**HCALCS Technical Specification**" and insert a new definition as follows –

**"HCALCS Technical Specification (or HCALCSTS)** has the meaning given to it in the Smart Energy Code.";
- (f) delete, in its entirety, the existing definition of "**IHD Technical Specification**" and insert a new definition as follows –

**"IHD Technical Specification (or IHDTs)** has the meaning given to it in the Smart Energy Code.";
- (g) delete, in its entirety, the existing definition of "**Metering Equipment Section**";
- (h) delete, in its entirety, the existing definition of "**Prepayment Meter Interface Device (or PPMID)**" and insert a new definition as follows –

**"Prepayment Meter Interface Device (or PPMID)** means either a SMETS1 PPMID, or a device installed (or to be installed) at a premises, which:

  - (a) consists of the components or other apparatus identified in; and
  - (b) as a minimum, has the functional capability specified by and complies with the other requirements of,

a Version of the PPMID Technical Specification which was within its Installation Validity Period on the date on which the device was installed.";
- (i) delete, in its entirety, the existing definition of "**PPMID Technical Specification**" and insert a new definition as follows –

**"PPMID Technical Specification (or PPMIDTS)** has the meaning given to it in the Smart Energy Code.";
- (j) in the definition of "**Smart Metering Designated Date**" after "means" delete "the date on which the SME Technical Specification is designated by the Secretary of State;" and insert "18 December 2012.";

- (k) in the definition of "**Smart Metering System**" –
  - (i) in sub-paragraph (a), after "ancillary devices identified in" delete "the Metering Equipment Section of a Version of the SME" and insert "a Version of the ESME";
  - (ii) in sub-paragraph (b), after "that Version of the" delete "SME" and insert "ESME"; and
  - (iii) in sub-paragraph (c), after "that Version of the" delete "SME" and insert "ESME";
- (l) delete, in its entirety, the existing definition of "**SME Technical Specification**";
- (m) in the definition of "**SMETS1 Smart Metering System**" after "a Version of the" delete "SME" and insert "ESME";
- (n) in the definition of "**SMETS2+ Smart Metering System**" after "a Version of the" delete "SME" and insert "ESME"; and
- (o) in the definition of "**Technical Specification**" –
  - (i) in sub-paragraph (a), after "Smart Metering System, the" delete "Metering Equipment Section of the SME Technical Specification" and insert "ESME Technical Specification";
  - (ii) in sub-paragraph (d), after "HCALCS Technical Specification;" delete "and";
  - (iii) in sub-paragraph (e), after "PPMID Technical Specification" delete the full stop "." and insert "; and"; and
  - (iv) after existing sub-paragraph (e), insert a new sub-paragraph (f) as follows –
    - (f) in respect of a Standalone Auxiliary Proportional Controller, the SAPC Technical Specification."

4 In standard condition 28A, in paragraph 28A.28, in the existing definition of "**Excluded Smart Meter**" after "ancillary devices identified in a" delete "version (other than the first version) of the SME Technical Specification" and insert "Version (other than a Version with a Principal Number of 1) of the ESME Technical Specification".

5 In standard condition 39 –

- (a) in paragraph 39.1, after "installed on or before" delete "31 December 2020" and insert "the ARS Specified Date";
- (b) in paragraph 39.5 –
  - (i) in sub-paragraph (a)(ii), after "to be installed" delete "prior to 1 January 2021" and insert "on or before the ARS Specified Date";
  - (ii) in sub-paragraph (b)(i), before "has not yet occurred" delete "1 January 2021" and insert "the date which falls immediately after the ARS Specified Date"; and
  - (iii) in sub-paragraph (b)(ii) –
    - (A) before "has occurred and" delete "1 January 2021" and insert "the date which falls immediately after the ARS Specified Date"; and
    - (B) after "pursuant to the contract," delete "prior to that date" and insert "on or before the ARS Specified Date";
- (c) in paragraph 39.12 –
  - (i) in sub-paragraph (a)(ii), after "to be installed" delete "prior to 1 January 2021" and insert "on or before the ARS Specified Date"; and

- (ii) in sub-paragraph (b)(ii), before "has not yet occurred" delete "1 January 2021" and insert "the date which falls immediately after the ARS Specified Date";
  - (d) in paragraph 39.15 –
    - (i) after "satisfies the requirements" delete "in the Metering Equipment Section of a Version of the SME Technical Specification" and insert "of a Version of the ESME Technical Specification";
    - (ii) in sub-paragraph (e), after "maintained by the licensee;" delete "and";
    - (iii) in sub-paragraph (f), after "required to be maintained" delete the full stop "." and insert a semi-colon ";"; and
    - (iv) after existing sub-paragraph (f), insert new sub-paragraphs (g) and (h) as follows –
      - "(g) where there is provided at the relevant premises a SAPC, Compatible with the Version of the SAPC Technical Specification in accordance with which that SAPC is maintained by the licensee during the period in which it is required to be maintained; and
      - (h) where there is provided at the relevant premises an Additional Electricity Smart Meter, Compatible with the Version of the ESME Technical Specification in accordance with which that Additional Electricity Smart Meter is maintained by the licensee during the period in which it is required to be maintained.";
  - (e) in paragraph 39.17 –
    - (i) after "it satisfies the requirements" delete "in the Metering Equipment Section";
    - (ii) after "a particular Version of the" delete "SME" and insert "ESME"; and
    - (iii) after "Sub-Version number) of the" delete "SME" and insert "ESME";
  - (f) in paragraph 39.19, after "satisfies the requirements" delete "in the Metering Equipment Section of a Version of the SME" and insert "of a Version of the ESME"; and
  - (g) in paragraph 39.20 –
    - (i) before "Technical Specification is compliant with" delete "SME" and insert "ESME"; and
    - (ii) after "an earlier Version of the" delete "SME" and insert "ESME".
- 6 After existing standard condition 39, insert new standard condition 39A as set out in Schedule 1 of this instrument.
- 7 In standard condition 40, in paragraph 40.13(b)(i), after "Version of the" delete "SME Technical Specification which includes the Metering Equipment Section" and insert "ESME Technical Specification".
- 8 In standard condition 41, in paragraph 41.9(a), after "Version of the" delete "SME" and insert "ESME Technical Specification".
- 9 In standard condition 43, in paragraph 43.11, after "from the date which is" delete "12 months after the date specified in paragraph 39.1 of standard condition 39 (Smart Metering System – Roll-out, Installation and Maintenance)" and insert "five years after the ARS Specified Date".
- 10 In standard condition 48 –
- (a) in paragraph 48.9 –
    - (i) in sub-paragraph (b)(i), after "and Maintenance) apply;" delete "or";

- (ii) in sub-paragraph (b)(ii), after "and Maintenance) apply" delete the full stop "." and insert "; or"; and
  - (iii) after existing sub-paragraph (b)(ii) insert a new sub-paragraph (b)(iii) as follows –
    - "(iii) on or after the date which falls immediately after the ARS Specified Date, the Electricity Meter installed or arranged to be installed at the Designated Premises is a Current Transformer Electricity Meter or an Advanced Meter."; and
  - (b) in paragraph 48.11, insert in alphabetical order a new definition as follows –
 

<b>"Advanced Meter</b>	has the meaning given to it in standard condition 39 (Smart Metering System – Roll-out, Installation and Maintenance)."
----------------------------	-------------------------------------------------------------------------------------------------------------------------
- 11 In standard condition 49 –
- (a) in paragraph 49.8, in sub-paragraph (a)(ii), after "Version of the" delete "SME" and insert "ESME"; and
  - (b) in paragraph 49.13, in sub-paragraph (a)(ii), after "Version of the" delete "SME" and insert "ESME".
- 12 In standard condition 52 –
- (a) in paragraph 52.2 –
    - (i) delete, in its entirety, existing sub-paragraph (a) and renumber existing sub-paragraphs (b) to (e) as (a) to (d) respectively; and
    - (ii) in renumbered sub-paragraph (c), after "Version of the" delete "SME Technical Specification which includes the Metering Equipment Section" and insert "ESME Technical Specification";
  - (b) in paragraph 52.4, after "particular Version of the PPMID Technical Specification" delete "with a Principal Version number that is greater than 1";
  - (c) in paragraph 52.5 –
    - (i) delete, in its entirety, existing sub-paragraph (a) and renumber existing sub-paragraphs (b) to (e) as (a) to (d) respectively; and
    - (ii) in renumbered sub-paragraph (c) –
      - (A) after "Version of the" delete "SME Technical Specification which includes the Metering Equipment Section" and insert "ESME Technical Specification"; and
      - (B) after "by the licensee;" insert "and";
  - (d) in paragraph 52.7, after "particular Version of the" delete "SME Technical Specification with a Principal Version number that is greater than 1" and insert "HCALCS Technical Specification"; and
  - (e) after existing paragraph 52.7, insert new heading and paragraphs 52.8 to 52.16 as follows –
 

**SAPC**

52.8 Where the licensee is the Relevant Electricity Supplier at any Domestic Premises or Designated Premises at which there is installed a Standalone Auxiliary Proportional Controller, it must take all reasonable steps to ensure that the Standalone Auxiliary Proportional Controller installed at the premises is maintained so that at all times, where it is connected through the HAN to a

device forming part of the SMETS2+ Smart Metering System at the premises, it satisfies the requirements of a Version of the SAPC Technical Specification which is:

- (a) within its Maintenance Validity Period;
- (b) the same Version in respect of all devices comprised within that Standalone Auxiliary Proportional Controller;
- (c) Compatible with the Version of the ESME Technical Specification in accordance with which that SMETS2+ Smart Metering System is maintained by the licensee; and
- (d) where the SMETS2+ Smart Metering System at the premises includes a Communications Hub, Compatible with the Version of the CH Technical Specification in accordance with which that Communications Hub is maintained by the DCC.

52.9 The requirement in paragraph 52.8 is subject to paragraph 52.10.

52.10 Where on any given date a Standalone Auxiliary Proportional Controller is maintained by the licensee such that it satisfies the requirements of a particular Version of the SAPC Technical Specification, the licensee must take all reasonable steps to ensure that the Standalone Auxiliary Proportional Controller is not subsequently maintained by the licensee so as to satisfy the requirements of an earlier Version (as indicated by a lower Principal Version number and/or a lower Sub-Version number) of the SAPC Technical Specification notwithstanding that any such earlier Version may otherwise meet the requirements of paragraph 52.8.

#### **Additional Electricity Smart Meters**

52.11 Where the licensee is the Relevant Electricity Supplier at any Domestic Premises or Designated Premises at which there is installed an Additional Electricity Smart Meter, it must take all reasonable steps to ensure that the Additional Electricity Smart Meter installed at the premises is maintained so that at all times, where it is connected through the HAN to a device forming part of the SMETS2+ Smart Metering System at the premises, it satisfies the requirements of a Version of the ESME Technical Specification which is:

- (a) within its Maintenance Validity Period;
- (b) the same Version in respect of all devices comprised within that Additional Electricity Smart Meter;
- (c) Compatible with the Version of the ESME Technical Specification in accordance with which that SMETS2+ Smart Metering System is maintained by the licensee; and
- (d) where the SMETS2+ Smart Metering System at the premises includes a Communications Hub, Compatible with the Version of the CH Technical Specification in accordance with which that Communications Hub is maintained by the DCC.

52.12 The requirement in paragraph 52.11 is subject to paragraph 52.13.

52.13 Where on any given date an Additional Electricity Smart Meter is maintained by the licensee such that it satisfies the requirements of a particular Version of the ESME Technical Specification, the licensee must take all reasonable steps to ensure that the Additional Electricity Smart Meter is not subsequently maintained by the licensee so as to satisfy the requirements of an earlier Version (as indicated by a lower Principal Version number and/or a lower

Sub-Version number) of the ESME Technical Specification notwithstanding that any such earlier Version may otherwise meet the requirements of paragraph 52.11.

**SAPC and Additional Electricity Smart Meters – Further Provisions**

52.14 Paragraph 52.15 applies where the licensee is the Relevant Electricity Supplier at any Domestic Premises or Designated Premises at which there is installed:

- (a) an Additional Electricity Smart Meter;
- (b) a Standalone Auxiliary Proportional Controller; or
- (c) both,

which is (or are) connected through the HAN to a device forming part of the SMETS2+ Smart Metering System at the premises.

52.15 Where this paragraph applies, the licensee must take all reasonable steps to ensure that:

- (a) each device at the premises of the type referred to in paragraphs 52.14(a) to (c) is:
  - (i) Commissioned; and
  - (ii) identified in the Smart Metering Inventory as associated with an Import MPAN that relates to that premises; and
- (b) any Device Security Credentials that are stored on that device and that pertain to the role of 'supplier' are those of the licensee.

52.16 For the purposes of paragraph 52.15, each of the terms '**Commissioned**', '**Device Security Credentials**', '**Import MPAN**' and '**Smart Metering Inventory**' shall have the meaning given to it in the Smart Energy Code."

13 In standard condition 55, in paragraph 55.21, delete, in its entirety, the existing definition of "Relevant Supplier" and insert a new definition as follows –

**"Relevant Supplier** means an Energy Supplier which is required in accordance with:

- (a) standard condition 39 of an Electricity Supply Licence or standard condition 33 of a Gas Supply Licence; or
- (b) standard condition 39A of an Electricity Supply Licence or standard condition 33A of a Gas Supply Licence,

to install a Smart Metering System or a Qualifying Metering System at any premises."

**Modifications to the standard conditions of gas supply licences**

14 The standard conditions of gas supply licences granted or treated as granted under section 7A(1) of the Gas Act 1986 are modified, in accordance with paragraphs 15 to 25 below, with effect from the date which is 5 days after the date on which this instrument is made.

15 In standard condition 1, in paragraph 1.2 –

- (a) insert, in alphabetical order, the following new definitions –

**"ARS Specified Date** means 30 June 2021 or such later date as may be specified in a direction issued by the Secretary of State.

**GSME Technical Specification (or GSMETS)** has the meaning given to 'Gas Smart Metering Equipment Technical Specification (or GSMETS)' in the Smart Energy Code.

**SMETS1 PPMID** has the meaning given to it in the Smart Energy Code.";

(b) in the definition of "**Compatible**" –

(i) after "a Technical Specification, means", delete "compatible" and insert "that the relevant Version of the Technical Specification is not incompatible"; and

(ii) after "the meaning given to" delete "that expression" and insert "the term 'incompatible'";

(c) in the definition of "**HAN Interface**" –

(i) in sub-paragraph (a), after "given to that term in" delete "the Metering Equipment Section of the Version of the SME" and insert "the Version of the GSME"; and

(ii) in sub-paragraph (b), after "that Version of the" delete "SME" and insert "GSME";

(d) delete, in its entirety, the existing definition of "**IHD Technical Specification**" and insert a new definition as follows –

**"IHD Technical Specification (or IHDTs)** has the meaning given to it in the Smart Energy Code.";

(e) delete, in its entirety, the existing definition of "**Metering Equipment Section**";

(f) delete, in its entirety the existing definition of "**Prepayment Meter Interface Device (or PPMID)**" and insert a new definition as follows –

**"Prepayment Meter Interface Device (or PPMID)** means either a SMETS1 PPMID or a device installed (or to be installed) at a premises which:

(a) consists of the components of each apparatus identified in; and

(b) as a minimum, has the functional capability specified by and complies with the other requirements of,

a Version of the PPMID Technical Specification which was within its Installation Validity Period on the date on which the device was installed.";

(g) delete, in its entirety, the existing definition of "**PPMID Technical Specification**" and insert a new definition as follows –

**"PPMID Technical Specification (or PPMIDTS)** has the meaning given to it in the Smart Energy Code.";

(h) in the definition of "**Smart Metering Designated Date**" after "means" delete "the date on which the SME Technical Specification is designated by the Secretary of State;" and insert "18 December 2012.";

- (i) in the definition of "**Smart Metering System**" –
    - (i) in sub-paragraph (a), after "devices identified in" delete "the Metering Equipment Section of a Version of the SME" and insert "a Version of the GSME";
    - (ii) in sub-paragraph (b), after "that Version of the" delete "SME" and insert "GSME"; and
    - (iii) in sub-paragraph (c), after "that Version of the" delete "SME" and insert "GSME";
  - (j) delete, in its entirety, the existing definition of "**SME Technical Specification**";
  - (k) in the definition of "**SMETS1 Smart Metering System**", after "requirements of a Version of the" delete "SME" and insert "GSME";
  - (l) in the definition of "**SMETS2+ Smart Metering System**", after "requirements of a Version of the" delete "SME" and insert "GSME"; and
  - (m) in the definition of "**Technical Specification**", in sub-paragraph (a), after "Smart Metering System, the" delete "Metering Equipment Section of the SME Technical Specification" and insert "GSME Technical Specification".
- 16 In standard condition 28A, in paragraph 28A.21, in the existing definition of "**Excluded Smart Meter**" after "ancillary devices identified in a" delete "version (other than the first version) of the SME Technical Specification" and insert "Version (other than a Version with a Principal Number of 1) of the GSME Technical Specification".
- 17 In standard condition 33 –
- (a) in paragraph 33.1, after "installed on or before" delete "31 December 2020" and insert "the ARS Specified Date";
  - (b) in paragraph 33.5 –
    - (i) in sub-paragraph (a)(ii), after "to be installed" delete "prior to 1 January 2021" and insert "on or before the ARS Specified Date";
    - (ii) in sub-paragraph (b)(i), before "has not yet occurred" delete "1 January 2021" and insert "the date which falls immediately after the ARS Specified Date"; and
    - (iii) in sub-paragraph (b)(ii) –
      - (A) before "has occurred and" delete "1 January 2021" and insert "the date which falls immediately after the ARS Specified Date"; and
      - (B) after "pursuant to the contract," delete "prior to that date" and insert "on or before the ARS Specified Date";
  - (c) in paragraph 33.12 –
    - (i) in sub-paragraph (a)(ii), after "to be installed" delete "prior to 1 January 2021" and insert "on or before the ARS Specified Date"; and
    - (ii) in sub-paragraph (b)(ii), before "has not yet occurred" delete "1 January 2021" and insert "the date which falls immediately after the ARS Specified Date";
  - (d) in paragraph 33.15, after "satisfies the requirements" delete "in the Metering Equipment Section of a Version of the SME" and insert "of a Version of the GSME";
  - (e) in paragraph 33.17 –
    - (i) after "it satisfies the requirements" delete "in the Metering Equipment Section";
    - (ii) after "a particular Version of the" delete "SME" and insert "GSME"; and

- (iii) after "Sub-Version number) of the" delete "SME" and insert "GSME";
  - (f) in paragraph 33.19, after "satisfies the requirements" delete "in the Metering Equipment Section of a Version of the SME" and insert "of a Version of the GSME"; and
  - (g) in paragraph 33.20 –
    - (i) before "Technical Specification is compliant with" delete "SME" and insert "GSME"; and
    - (ii) after "an earlier Version of the" delete "SME" and insert "GSME".
- 18 After existing standard condition 33, insert new standard condition 33A as set out in Schedule 2 of this instrument.
- 19 In standard condition 34, in paragraph 34.13(b)(i), after "Version of the" delete "SME Technical Specification which includes the Metering Equipment Section" and insert "GSME Technical Specification".
- 20 In standard condition 35, in paragraph 35.9(a), after "every Version of the" delete "SME" and insert "GSME Technical Specification".
- 21 In standard condition 37, in paragraph 37.11, after "the date which is" delete "12 months after the date specified in paragraph 33.1 of standard condition 33 (Smart Metering System – Roll-out, Installation and Maintenance)" and insert "five years after the ARS Specified Date".
- 22 In standard condition 42 –
- (a) in paragraph 42.9 –
    - (i) in sub-paragraph (b)(i), after "and Maintenance) apply;" delete "or";
    - (ii) in sub-paragraph (b)(ii), after "and Maintenance) apply" delete the full stop "." and insert "; or"; and
    - (iii) after existing sub-paragraph (b)(ii) insert a new sub-paragraph (b)(iii) as follows –
      - "(iii) on or after the date which falls immediately after the ARS Specified Date, the Gas Meter installed or arranged to be installed at the Designated Premises is a Large Gas Meter or an Advanced Meter."; and
  - (b) in paragraph 42.11, insert in alphabetical order a new definition as follows –
 

<b>"Advanced Meter</b>	has the meaning given to it in standard condition 33 (Smart Metering System – Roll-out, Installation and Maintenance)."
------------------------	-------------------------------------------------------------------------------------------------------------------------
- 23 In standard condition 43 –
- (a) in paragraph 43.8, in sub-paragraph (a)(ii), after "a Version of the" delete "SME" and insert "GSME"; and
  - (b) in paragraph 43.13, in sub-paragraph (a)(ii), after "a Version of the" delete "SME" and insert "GSME".
- 24 In standard condition 46 –
- (a) in paragraph 46.2 –
    - (i) delete, in its entirety, existing sub-paragraph (a) and renumber existing sub-paragraphs (b) to (e) as (a) to (d) respectively; and

- (ii) in renumbered sub-paragraph (c), after "the Version of the" delete "SME Technical Specification which includes the Metering Equipment Section" and insert "GSME Technical Specification"; and
  - (b) in paragraph 46.4, after "particular Version of the PPMID Technical Specification" delete "with a Principal Version number that is greater than 1".
- 25 In standard condition 49, in paragraph 49.21, delete, in its entirety, the existing definition of "Relevant Supplier" and insert a new definition as follows –
- "Relevant Supplier** means an Energy Supplier which is required in accordance with:
- (c) standard condition 39 of an Electricity Supply Licence or standard condition 33 of a Gas Supply Licence; or
  - (d) standard condition 39A of an Electricity Supply Licence or standard condition 33A of a Gas Supply Licence,
- to install a Smart Metering System or a Qualifying Metering System at any premises."

#### **Modifications to the Smart Meter Communication Licences**

- 26 The conditions of the smart meter communication licences are modified, in accordance with paragraphs 27 to 30 below, with effect from the date which is 5 days after the date on which this instrument is made.
- 27 In condition 1, in paragraph 1.4 –
- (a) insert, in alphabetical order, the following new definitions –
    - "Additional Electricity Smart Meter** has the meaning that is given to that term in standard condition 1 (Definitions for standard conditions) of the licences granted, or treated as granted, under section 6(1)(d) of the 1989 Act.
    - ESME Technical Specification** has the meaning that is given to the term 'Electricity Smart Metering Equipment Technical Specification' in the Smart Energy Code.
    - GSME Technical Specification** has the meaning that is given to the term 'Gas Smart Metering Equipment Technical Specification' in the Smart Energy Code.
    - SAPC** has the meaning that is given to that term in standard condition 1 (Definitions for standard conditions) of the licences granted, or treated as granted, under section 6(1)(d) of the 1989 Act.
    - SAPC Technical Specification** has the meaning that is given to that term in the Smart Energy Code.";
  - (b) in the definition of "**Compatible**", after "Version of a Technical Specification, means" delete "compatible in accordance with the meaning given to that expression" and insert "that the relevant Version of the Technical Specification is not incompatible, in accordance with the meaning given to the term 'incompatible'";
  - (c) delete, in its entirety, the existing definition of "**HCALCS Technical Specification**" and insert a new definition as follows –

- "HCALCS Technical Specification** has the meaning that is given to that term in the Smart Energy Code.";
- (d) delete, in its entirety, the existing definition of **"IHD Technical Specification"** and insert a new definition as follows –
- "IHD Technical Specification** has the meaning that is given to that term in the Smart Energy Code.";
- (e) delete, in its entirety, the existing definition of **"PPMID Technical Specification"** and insert a new definition as follows –
- "PPMID Technical Specification** has the meaning that is given to that term in the Smart Energy Code."; and
- (f) delete, in its entirety, the existing definition of **"Smart Metering Equipment Technical Specification (or SME Technical Specification)"**.
- 28 In condition 17, in paragraph 17.21 –
- (a) in sub-paragraph (b), after "CH Technical Specification which is" delete semi-colon ";" and insert colon ":"; and
- (b) after existing sub-paragraph (b)(i), delete, in their entirety, sub-paragraphs (ii) and (iii) and insert new sub-paragraphs (ii) and (iii) as follows –
- "(ii) Compatible with the Version of the ESME Technical Specification and the GSME Technical Specification in accordance with which the Smart Metering System, of which it is a component, is maintained by the Energy Supplier; and
- (iii) where at the premises at which the Smart Metering System is installed there is installed a HCALCS, a PPMID, an Additional Electricity Smart Meter or a SAPC, Compatible with the Version of the HCALCS Technical Specification, the PPMID Technical Specification, the ESME Technical Specification or the SAPC Technical Specification (as the case may be) in accordance with which that HCALCS, PPMID, Additional Electricity Smart Meter or SAPC is maintained by the Energy Supplier; and".
- 29 In condition 18, in paragraph 18.25, in the definition of **"SMETS1 Meter"** –
- (a) after "with the other requirements of the" delete "SME Technical Specification" and insert "document titled "Smart Metering Equipment Technical Specifications""; and
- (b) after "(but not any subsequent version of" delete "the SME Technical Specification" and insert "that document".
- 30 In condition 22 –
- (a) in paragraph 22.20(c), after "with the other requirements of the" delete "SME Technical Specification or" and insert "ESME Technical Specification, the GSME Technical Specification or the"; and
- (b) in paragraph 22.28(b) –
- (i) after "of one or more versions of the" delete "SME Technical Specification" and insert "ESME Technical specification, the GSME Technical Specification,"; and
- (ii) after "the HCALCS Technical Specification" insert ", the SAPC Technical Specification".

## **Modifications to the Smart Energy Code**

31 The Smart Energy Code is modified, in accordance with paragraphs 32 to 41 below, with effect from the date which is 5 days after the date on which this instrument is made.

32 In Section A –

(a) in Section A1, in Section A1.1 –

(i) insert, in alphabetical order, the following new definitions –

**"Additional Electricity Smart Meter** means an Electricity Smart Meter which is installed at premises in such a manner and/or configuration that it:

(a) is joined to a Communications Hub Function at the premises; but

(b) is incapable of being used for the purposes of determining the quantity of electricity supplied to the premises.

**Electricity Smart Metering Equipment Technical Specification (or ESMETS)** means the part(s) of the document(s) set out in Schedule 9 identified as applying either to 'Electricity Smart Metering Equipment' or to 'Electricity Smart Metering System'.

**Gas Smart Metering Equipment Technical Specification (or GSMETS)** means the part(s) of the document(s) set out in Schedule 9 identified as applying either to 'Gas Smart Metering Equipment' or to 'Gas Smart Metering System'.

**SAPC** means a Standalone Auxiliary Proportional Controller.

**SAPC Technical Specification (or SAPCTS)** means the part(s) of the document(s) set out in Schedule 9 identified as applying to 'Standalone Auxiliary Proportional Controllers'.

**SMETS1 CSP System** has the meaning given to that expression at Section G1.11 (The SMETS1 CSP System).

**Standalone Auxiliary Proportional Controller** means a device installed (or to be installed) at a premises, which:

(a) consists of the components or other apparatus identified in; and

(b) as a minimum, has the functional capability specified by and complies with the other requirements of,

a Version of the SAPC Technical Specification which was within its Installation Validity Period on the date on which the device was installed.";

(ii) delete, in its entirety, the existing definition of "**ALCS/HCALCS Labels List**" and insert a new definition as follows –

**"ALCS/HCALCS/APC/SAPC Labels List** has the meaning given to that expression in Section F11.1 (ALCS/HCALCS/APC/SAPC Labels List).";

(iii) in the title of the definition of "**Communications Hub Technical Specifications**" after "**Specifications**" insert "(or **CHTS**)";

- (iv) in the definition of "**Device**", after "Load Control Switch;" delete "and (g)" and insert "(g) a Standalone Auxiliary Proportional Controller; and (h)";
- (v) in the definition of "**Electricity Smart Meter**", in the final paragraph –
  - (A) before "(and, where applicable," delete "the part(s) of the SMETS identified as applying to 'Electricity Smart Metering Equipment'" and insert "the ESMETS";
  - (B) after "(and, where applicable, the part(s)" insert "of the ESMETS"; and
  - (C) after "in a Version of the" delete "SMETS" and insert "ESMETS";
- (vi) in the definition of "**Gas Smart Meter**", in the final paragraph, before "which was within its" delete "the part(s) of the SMETS identified as applying to 'Gas Smart Metering Equipment' in a version of the SMETS" and insert "a Version of the GSMETS";
- (vii) delete, in its entirety, the existing definition of "**HCALCS Technical Specification**" and insert a new definition as follows –
 

**"HCALCS Technical Specification (or HCALCSTS)** means the part(s) of the document(s) set out in Schedule 9 identified as applying to 'HAN Connected Auxiliary Load Control Switches'.";
- (viii) delete, in its entirety, the definition of "**IHD Technical Specification**" and insert a new definition as follows –
 

**"IHD Technical Specification (or IHDTs)** means the part(s) of the document(s) set out in Schedule 9 identified as applying to 'IHDs'.";
- (ix) delete, in its entirety, the existing definition of "**Physical Device Type**" and insert a new definition as follows –
 

**"Physical Device Type** means, in respect of a device, its type which may be only one of: a Communications Hub; a SMETS1 ESME; a Single Element Electricity Metering Equipment (as defined in the ESMETS); a Twin Element Electricity Metering Equipment (as defined in the ESMETS); a Polyphase Electricity Metering Equipment (as defined in the ESMETS), a Gas Smart Meter; a Pre-Payment Meter Interface Device; a HAN Connected Auxiliary Load Control Switch; an IHD; a Standalone Auxiliary Proportional Controller; or a Type 2 Device (Other).";
- (i) delete, in its entirety, the definition of "**PPMID Technical Specification**" and insert a new definition as follows –
 

**"PPMID Technical Specification (or PPMIDTS)** means the part(s) of the document(s) set out in Schedule 9 identified as applying to 'Pre-Payment Meter Interface Devices'.";
- (ii) in the definition of "**Security Obligations and Assurance Arrangements**", in sub-paragraph (d)(i), after "those security requirements set out in" delete "the relevant Version of the SMETS" and insert "(as applicable) the ESMETS, the GSMETS and the IHDTs with a Principal Version number of 1";

- (iii) delete, in its entirety, the existing definition of "**Smart Metering Equipment Technical Specifications**" and insert a new definition as follows –
 

**"Smart Metering Equipment Technical Specifications (SMETS)** shall be interpreted in accordance with the provisions of Section A2.12.";
  - (iv) delete, in its entirety, the existing definition of "**Smart Metering Equipment Technical Specifications 1**";
  - (v) in the definition of "**Smart Metering System**", in sub-paragraph (a) –
    - (A) after "an Electricity Smart Meter" insert comma ","; and
    - (B) after "with which it is Associated," insert "together with any SAPC or Additional Electricity Smart Meter joined to that Communications Hub Function,";
  - (vi) delete, in its entirety, the existing definition of "**SMETS**";
  - (vii) delete, in its entirety, the existing definition of "**SMETS1**" and insert a new definition as follows –
 

**"SMETS1** means each composite document set out in Schedule 9 which includes within it an ESMETS, a GSMETS and an IHDTs with a Principal Version number of 1.";
  - (viii) in the definition of "**Technical Specification**" after "each of the CHTS" delete "and the SMETS" and insert ", the ESMETS, the GSMETS, the HCALCSTS, the IHDTs, the PPMIDTS and the SAPCTS"; and
  - (ix) in the definition of "**Type 2 Device**" –
    - (A) after "that expression in the" delete "SMETS" and insert "Technical Specification in which the expression is used"; and
    - (B) after "'Consumer Device' in" delete "the";
- (b) in Section A2 –
- (i) delete, in its entirety, existing Section A2.9 and insert a new Section A2.9 as follows –
 

"A2.9 Where any expression is defined both in Section A1 (Definitions) and in any Schedule or Appendix:

    - (a) the definition in the Schedule or Appendix shall take precedence for the purposes of that Schedule or Appendix (including for the purposes of any Technical Specification included within any such Schedule); and
    - (b) the definition in Section A1 shall take precedence for all other purposes.";
  - (ii) in Section A2.10 –
    - (A) after "any glossary (or equivalent section)" delete "contained within" and insert "of a Schedule which includes"; and
    - (B) after "that is defined in" delete "that Technical Specification" and insert "each Technical Specification that is included within that Schedule";
  - (iii) in Section A2.11(a), after "any Technical Specification" insert "the GBCS,"; and

- (iv) after Section A2.11, insert a new Section A2.12 as follows –
  - "A2.12 In this Code, each reference to the term or expression:
    - (a) 'Smart Metering Equipment Technical Specifications';
    - (b) 'SMETS',
 shall be read, as the context requires, as a reference to the ESMETS, the GSMETS, the IHDTS, the HCALCSTS, the PPMIDTS, or the SAPCTS (or to any two or more (or all) of them).";
- (c) in Section A3 –
  - (i) in Section A3.4, after "in a form equivalent to" delete "'SMETS v1.2'" and insert "'ESMETS v 1.2'";
  - (ii) delete, in its entirety, existing Section A3.7 and insert a new Section A3.7 as follows –
    - "A3.7 The first Principal Version of:
      - (a) each of the ESMETS, the GSMETS, the IHDTS and the CHTS shall be allocated the number 1, and subsequent Principal Versions of each such Technical Specification shall be allocated sequential numbers;
      - (b) each of the PPMIDTS, the HCALCSTS and the SAPCTS shall be allocated the number 2, and subsequent Principal Versions of each such Technical Specification shall be allocated sequential numbers.";
  - (iii) in Section A3.13 –
    - (A) after "each Version of the" delete "SMETS" and insert "ESMETS, the GSMETS and the IHDTS"; and
    - (B) after "in relation to that Version" delete "of the SMETS";
  - (iv) in Section A3.14 –
    - (A) after "in respect of any Version of the" delete "SMETS" and insert "ESMETS, the GSMETS and the IHDTS"; and
    - (B) after "in relation to that Version" delete "of the SMETS";
  - (v) in Section A3.15, after "(Derogation from" delete "SMETS1";
  - (vi) in Section A3.16, after "case of each Version of" delete "the SMETS with a Principal Version number greater than 1" and insert "a Technical Specification, other than the ESMETS, the GSMETS and the IHDTS with a Principal Version number of 1";
  - (vii) delete, in its entirety, existing Section A3.22 and renumber existing Sections A3.23 to A3.43 as Sections A3.22 to A3.42 respectively;
  - (viii) in renumbered Section A3.23, after "and the part of the Schedule" insert "or the part of the composite document in the Schedule (as the case may be)";
  - (ix) in renumbered Section A3.24, after "accordance with Section" delete "A3.24" and insert "A3.23";
  - (x) in renumbered Section A3.26(b)(ii), after "Section" delete "A3.39" and insert "A3.38";
  - (xi) in renumbered Section A3.27, after "provisions of Sections A3.22 to" delete "A3.25" and insert "A3.24";

- (xii) in renumbered Section A3.32(b)(ii), after "Version of the" delete "SMETS" and insert "ESMETS, the GSMETS and the IHDTS";
- (xiii) in renumbered Section A3.32(b)(iii), after "case of each" delete "other Version of the SMETS" and insert "Version of a Technical Specification other than one identified in paragraph (ii)";
- (xiv) in renumbered Section A3.32(b)(vii), after "Version of the GBCS;" delete "and";
- (xv) in renumbered Section A3.32(c), after "CPA Security Characteristics" "delete the full stop "." and insert "; and";
- (xvi) after renumbered Section A3.32(c), insert a new Section A3.32(d) as follows –
  - "(d) set out which version of each Technical Specification is contained within each of the documents contained within Schedule 9 of the Code.";
- (xvii) in renumbered Section A3.34, after "described in Section" delete "A3.34" and insert "A3.33";
- (xviii) in renumbered Section A3.35(a)(i), after "Version of the" delete "SMETS" and insert "ESMETS, the GSMETS or the IHDTS";
- (xix) in renumbered Section A3.35(a)(ii) –
  - (A) after "(Derogation from" delete "SMETS1"; and
  - (B) after "in respect of that Version of the" delete "SMETS" and insert "ESMETS, the GSMETS or the IHDTS";
- (xx) in renumbered Section A3.40, after "complying with Section" delete "A3.40" and insert "A3.39"; and
- (xxi) delete, in its entirety, existing Section A3.44 and after renumbered Section A3.42 insert a new Section A3.43 as follows –
  - "A3.43 The references in this Code to 'Technical Specifications' shall be deemed not to include reference to Versions of the ESMETS, the GSMETS, and the IHDTS with a Principal Version number of 1, except in the following provisions:
    - (a) the definitions of 'Principal Version', 'Sub-Version' and 'Version' in Section A1 (Definitions);
    - (b) Sections A2 (Interpretation), A3 (Technical Specifications, the GB Companion Specification and the CPA Security Characteristics), and A4 (Derogation from Generation Installation End Date); and
    - (c) Section N (SMETS1 Meters)."; and
- (d) in Section A4 –
  - (i) in the heading of Section A4, after "DEROGATION FROM" delete "SMETS1";
  - (ii) in Section A4.1, after "End Date applicable to" delete "Versions of the SMETS" and insert "any Version of the ESMETS, the GSMETS or the IHDTS";
  - (iii) in Section A4.2(b), after "in respect of a Version of the" delete "SMETS" and insert "ESMETS, the GSMETS or the IHDTS";

- (iv) in Section A4.2(c), after "in respect of that Version of the" delete "SMETS" and insert "ESMETS, the GSMETS or the IHDTs"; and
- (v) in Section A4.5, after "End Date of the Version of the" delete "SMETS" and insert "ESMETS, the GSMETS or the IHDTs".

33 In Section F –

- (a) in Section F2 –
  - (i) in the heading after Section F2.10B, after "Technical Specification" delete "Compatibility" and insert "Incompatibility";
  - (ii) in Section F2.11(a) –
    - (A) after "each Technical Specification are" delete "compatible" and insert "incompatible"; and
    - (B) after "with which Versions of" delete "the" and insert "each";
  - (iii) delete, in its entirety, existing Section F2.11(b) and insert a new Section F2.11(b) as follows –
    - "(b) where applicable, those areas in respect of which the Version of the Technical Specification is not incompatible with the Version of the other Technical Specification but may be subject to the application of particular constraints as identified.";
  - (iv) delete, in its entirety, existing Section F2.12(a) and insert a new Section F2.12(a) as follows –
    - "(a) 'incompatible' means in respect of a Version of any Technical Specification, that Devices or apparatus which comply with that Version are known to have been designed in a manner that does not enable them to inter-operate fully with Devices or apparatus that comply with the specified Version of each other Technical Specification;";
  - (v) in Section F2.12(b), after "each of them;" insert "and"; and
  - (vi) delete, in their entirety, existing Sections F2.12(c) and F2.12(d) and insert a new Section F2.12(c) as follows –
    - "(c) the matrix need not specify:
      - (i) which Versions of the ESMETS are incompatible with Versions of the GSMETS;
      - (ii) which Versions of the GSMETS are incompatible with which Versions of:
        - (A) the ESMETS;
        - (B) the HCALCSTS; or
        - (C) the SAPCTS."; and

- (b) delete, in its entirety, existing Section F11 and insert a new Section F11 as follows –

**"F11 ALCS/HCALCS/APC/SAPC LABELS LIST**

**ALCS/HCALCS/APC/SAPC Labels List**

- F11.1 The Panel will establish and maintain a list of ALCS/HCALCS/APC/SAPC labels which provide a standardised naming convention for all possible ALCS, HCALCS, APCs and SAPCs (the "**ALCS/HCALCS/APC/SAPC Labels List**").

F11.2 The Panel will agree updates to the ALCS/HCALCS/APC/SAPC Labels List as proposed by Parties.

F11.3 Within one working day after the ALCS/HCALCS/APC/SAPC Labels List is updated, the Panel will:

- (a) publish a copy of the updated list on the website; and
- (b) notify the Parties that the list has been updated."

34 In Section G –

(a) in Section G2 –

(i) delete, in its entirety, existing Section G2.11, and insert a new Section G2.11 as follows –

"G2.11 The DCC shall, on the occurrence of a Major Security Incident in relation to the DCC Total System:

- (a) promptly notify the Panel and the Security Sub-Committee (unless paragraph (b) applies); or
- (b) where the Major Security Incident relates to that part of the DCC Total System which consists of any parts of the SMETS1 CSP System in respect of which Telefonica UK Limited is the DCC Service Provider, notify the Panel and the Security Sub-Committee as soon as is reasonably practicable."; and

(ii) in Section G2.44A(a), after "specified in a Version of the" delete "SMETS" and insert "ESMETS, the GSMETS or the IHDTS";

(b) in Section G6, after existing Section G6.4 insert new Section G6.4A as follows –

"G6.4A Where, in accordance with the Common Test Scenarios Document, a User becomes an Eligible User for a User Role without successfully completing testing for a Critical Service Request which can potentially be sent by a User in that User Role, then the User must set an Anomaly Detection Threshold of zero in respect of that Critical Service Request."; and

(c) in Section G7, in Section G7.19(f), after "Communications Hubs" insert ", SAPCs".

35 In Section H –

(a) in Section H3 –

(i) in Section H3.8, after "Subject to Sections H3.9 to" delete "H3.10A" and insert "H3.10B"; and

(ii) after existing Section H3.10A, insert new Section H3.10B as follows –

"H3.10B A Party can, to the extent permitted under the Common Test Scenarios Document, complete User Entry Process Testing for a User Role (and consequently become an Eligible User for that User Role) without successfully completing testing for all the Service Requests potentially available to a User in that User Role. However, such a User will only be an Eligible User for those Service Requests in respect of which it has successfully completed testing (and not those which it has not)." ; and

(b) in Section H6, in Section H6.2, after "Gas Proxy Function" insert ", Standalone Auxiliary Proportional Controller".

36 In Section K –

(a) in Section K7 –

- (i) delete, in its entirety, existing Section K7.5(t) and insert a new Section K7.5(t) as follows –

"(t) ('shared solution Alt HAN Equipment') the number (as measured at the end of that Charging Period) of MPANs associated with premises supplied with electricity by that Party and of MPRNs associated with premises supplied with gas by that Party, in respect of each of which premises (except where the Alt HAN Inventory records that Party as having elected to use Opted-out Alt HAN Equipment at that time) Central Shared Solution Alt HAN Equipment is installed;"; and

- (ii) delete, in its entirety, existing Section K7.5(u) and insert a new Section K7.5(u) as follows –

"(u) ('point-to-point Alt HAN Equipment') the number (as measured at the end of that Charging Period) of MPANs associated with premises supplied with electricity by that Party and of MPRNs associated with premises supplied with gas by that Party, in respect of each of which premises (except where the Alt HAN Inventory records that Party as having elected to use Opted-out Alt HAN Equipment at that time) Central Point-to-Point Alt HAN Equipment is installed; and"; and

- (b) in Section K10, in Section K10.2, after "in accordance with Section" delete the comma ",".

37 In Section L, in Section L3 –

- (a) in the table following existing Section L3.18(b)(ii) –

- (i) in the fourth column of row "s1SPxmlSigning" delete "(g)" and insert "(h)";
- (ii) after existing row "s1SPxmlSigning" insert a new row as follows –

"xmlSign	An RDP or any Party other than the DCC	Either: Import Supplier; Gas Supplier; Electricity Distributor; Gas Transporter. Other User; Registered Supplier Agent; Registration Data Provider; or Export Supplier.	[Not applicable]"; and
----------	----------------------------------------	-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	---------------------------

- (iii) after existing row "commissioningPartyXmlSigning" insert a new row as follows –

"loadController	None	None	[Not applicable]";
-----------------	------	------	--------------------

- (b) after existing Section L3.24, insert a new heading and new Sections L3.25 to L3.33 as follows –

**"Unique Identifiers**

### Certificate Signing Requests

- L3.25 Where the DCC (acting in its capacity as Registration Authority under the Organisation Certificate Policy) receives a Certificate Signing Request of the type described in Section L3.26(a), and the circumstances described in Section L3.26(b) apply, the DCC shall reject the Certificate Signing Request.
- L3.26 For the purposes of Section L3.25:
- (a) a Certificate Signing Request is of the type described in this sub-paragraph (a) if it is:
    - (i) made by a Supplier Party;
    - (ii) in respect of an Organisation Certificate having a keyUsage value of digitalSignature; and
    - (iii) of a type that, if approved, would result in the Issue of an Organisation Certificate containing one or more Unique Identifiers;
  - (b) the circumstances described in this sub-paragraph (b) are that, at the time at which the Certificate Signing Request referred to in Section L3.25 is made:
    - (i) an Organisation Certificate has already been Issued by the DCC (acting in its capacity as Issuing OCA) to a Supplier Party other than the Party making the Certificate Signing Request;
    - (ii) that Organisation Certificate contains at least one Unique Identifier that is also contained in the Certificate Signing Request; and
    - (iii) that Organisation Certificate has neither expired nor been revoked.

### Eligible Subscribers

- L3.27 Where a Party has been an Eligible Subscriber in respect of any type of Organisation Certificate, but then ceases to be an Eligible Subscriber in respect of Organisation Certificates of that type, the DCC (acting in its capacity as Issuing OCA) shall as soon as reasonably practicable revoke every Organisation Certificate previously Issued to that Party for which it is no longer an Eligible Subscriber.

### Determinations by the Panel

- L3.28 A Supplier Party (A) may apply to the Panel for the revocation of any Organisation Certificate Issued to another Supplier Party (B) which:
- (a) has a keyUsage value of digitalSignature;
  - (b) includes one or more Unique Identifiers with which, in the opinion of Supplier Party A, Supplier Party B should not be associated; and
  - (c) at the time of the application has neither expired nor been revoked.
- L3.29 Following an application made to the Panel by Supplier Party A under Section L3.28:

- (a) Supplier Parties A and B shall provide the Panel with such information and assistance as it may reasonably request;
- (b) the Panel shall, applying such criteria as it considers suitable for the purpose, determine whether it is appropriate for Supplier Party B to be associated with each Unique Identifier which is the subject of the application by Supplier Party A; and
- (c) the Panel shall notify both Supplier Parties A and B of its determination.

L3.30 Where the Panel has determined that it is not appropriate for Supplier Party B to be associated with any Unique Identifier, it shall at the same time determine to require the revocation of each Organisation Certificate Issued to Supplier Party B which:

- (a) has a keyUsage value of digitalSignature;
- (b) includes that Unique Identifier; and
- (c) at the time of the determination has not already expired or been revoked.

L3.31 The Panel shall notify the SMKI PMA of any determination made by it under Section L3.30.

L3.32 Where it is notified of any determination made by the Panel under Section L3.30, the SMKI PMA shall direct the DCC (acting in its capacity as Issuing OCA) to revoke each Organisation Certificate Issued to Supplier Party B which falls within the scope of that determination.

L3.33 Any determination made by the Panel in accordance with Section L3.29 or L3.30 may be appealed to the Authority by either Supplier Party A or B, and the decision of the Authority shall be final and binding for the purposes of this Code.";

- (c) renumber existing Section L3.25 as Section L3.34;
- (d) in renumbered Section L3.34(b), after "Organisation Certificate Policy;" delete "and";
- (e) in renumbered Section L3.34(c), after "GB Companion Specification" delete the full stop "." and insert "; and";
- (f) after renumbered Section L3.34(c), insert a new Section L3.34(d) as follows –
  - "(d) **"Unique Identifier"** means a unique identifier by which a Supplier Party may be identified in the Party Details."; and
- (e) in Annex A to Section L, in Table 1, after existing row "commissioningPartyXmlSigning" , insert a new row as follows –
 

"xmlSign	"135".
----------	--------

38 In Section N, in Section N1.1, delete, in its entirety, the existing definition of "**SMETS1 Meter**" and insert a new definition as follows –

- "SMETS1 Meter** means:
- (a) an Electricity Meter that has (as a minimum) the functional capability specified by and complies with the other requirements of a Version of the ESMETS with a Principal Version number of 1 (but

not a Version of the ESMETS with a Principal Version number of greater than 1); or

- (b) a Gas Meter that has (as a minimum) the functional capability specified by and complies with the other requirements of a Version of the GSMETS with a Principal Version number of 1 (but not a Version of the GSMETS with a Principal Version number of greater than 1).".

39 In Section T, in Section T1.4(a), after "the Device Models selected are" delete "SMETS compliant," and insert "compliant with the Technical Specification that applies in respect of each such Device Model,".

40 In Section X, in Section X5, delete, in its entirety, existing Section X5.1 and insert a new Section X5.1 as follows –

"X5.1 The document designated by the Secretary of State, titled "Smart Metering Equipment Technical Specifications" and containing any one or more of the following:

- (a) the ESME Technical Specification;
- (b) the GSME Technical Specification;
- (c) the IHD Technical Specification;
- (d) the PPMID Technical Specification;
- (e) the HCALCS Technical Specification; or
- (f) the SAPC Technical Specification,

in accordance with Part G of Condition 22 of the DCC Licence shall, from the relevant date designated by the Secretary of State for the purpose of such document and of this Section X5.1, be incorporated into this Code as the Schedule specified in such designation."

41 In Section Z, in Section Z4 –

- (a) in Section Z4.16(b)(ii)(A), before "installed Shared Solution" delete "Smart Metering Systems that will use (or be capable of using)";
- (b) in Section Z4.16(b)(ii)(B), before "installed Point-to-Point" delete "Smart Metering Systems that will use (or be capable of using)";
- (c) in Section Z4.24(a), after "Regulatory Year in respect of" delete "Smart Metering Systems that will use (or be capable of using)" and insert "MPANs and MPRNs associated with premises in respect of which there is (or will be)";
- (d) in Section Z4.24(b) –
  - (i) after "the average number of" delete "Smart Metering Systems" and insert "MPANs and MPRNs"; and
  - (ii) after "Regulatory Year that will" delete "use (or be capable of using)" and insert "be associated with premises in respect of which there is (or will be)";
- (e) in Section Z4.24(c), after "relevant Regulatory Year in" delete "respect of each Smart Metering System that will use (or be capable of using)" and insert "relation to each MPAN and MPRN associated with premises in respect of which there is (or will be)";
- (f) in Section Z4.25(d) –
  - (i) after "(expressed in £ per" delete "Smart Metering System" and insert "MPAN and MPRN"; and

- (ii) after "relevant Regulatory Year in" delete "respect of each Smart Metering System that will use (or be capable of using)" and insert "relation to each MPAN and MPRN associated with premises in respect of which there is (or will be)";
- (g) in Section Z4.30(a), after "has been installed" delete "at premises, and the MPANs and MPRNs associated with Smart Metering Systems (whether already installed or to be installed) which are capable of using such equipment" and insert "in respect of premises, and the MPANs and MPRNs that are associated with those premises";
- (h) in Section Z4.30(b), after "MPRNs associated with" delete "Smart Metering Systems (whether already installed or to be installed) which are capable of using such equipment" and insert "those premises";
- (i) in Section Z4.30(c), after "has been installed" delete "at" and insert "in respect of";
- (j) in Section Z4.31(a), after "the installation" delete "at" and insert "in respect of";
- (k) in Section Z4.36(a) –
  - (i) after "list of MPANs and MPRNs" delete "at premises associated with a Smart Metering System which is using (or is capable of using)" and insert "associated with premises in respect of which there is";
  - (ii) after "Shared Solution Alt HAN Equipment (" delete "including where such equipment has been installed but not commissioned, but"; and
  - (iii) after "any MPAN or MPRN associated with" delete "a Smart Metering System" and insert "premises"; and
- (l) in Section Z4.36(b) –
  - (i) after "list of MPANs and MPRNs" delete "at premises associated with a Smart Metering System which is using (or is capable of using)" and insert "associated with premises in respect of which there is";
  - (ii) after "the Alt HAN Services relate (" delete "including where such equipment has been installed but not commissioned, but"; and
  - (iii) after "MPAN or MPRN associated with" delete "a Smart Metering System" and insert "premises".

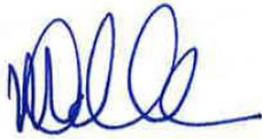
#### **Modifications to the Uniform Network Code**

- 42 The Uniform Network Code is modified, in accordance with paragraph 43 below, with effect from the date which is 5 days after the date on which this instrument is made.
- 43 In the Uniform Network Code, in General Terms Section D, after existing paragraph 6.2.2 insert a new paragraph 6.2.3 as follows –
  - "6.2.3 The CDSP shall provide to the Smart Energy Code Panel such information, support and assistance as it may reasonably request for the purposes of exercising its function of making a determination under either Section L3.29 or Section L.3.30 of the Smart Energy Code, and shall provide to the Authority such information, support and assistance as it may reasonably request for the purposes of exercising its function of deciding any appeal brought under Section L3.33 of the Smart Energy Code."

#### **Modifications to the Balancing and Settlement Code**

- 44 The Balancing and Settlement Code is modified, in accordance with paragraph 45 below, with effect from the date which is 5 days after the date on which this instrument is made.
- 45 In the Balancing and Settlement Code, in Section B: The Panel, in paragraph 3.1.2 –
  - (a) in existing sub-paragraph (m), after "Section A;" delete "and";

- (b) in existing sub-paragraph (n), after "Section H10" delete the full stop "." and insert "; and"; and
- (c) after existing sub-paragraph (n), insert a new sub-paragraph (o) as follows –
  - "(o) providing to the Smart Energy Code Panel such information, support and assistance as it may reasonably request for the purposes of exercising its function of making a determination under either Section L3.29 or Section L3.30 of the Smart Energy Code, and providing to the Authority such information, support and assistance as it may reasonably request for the purposes of exercising its function of deciding any appeal brought under Section L3.33 of the Smart Energy Code."



*Lord Callanan*

Parliamentary Under Secretary of State

Department of Business Energy and Industrial Strategy

Date 14/09/2020

## SCHEDULE 1

### NEW STANDARD CONDITION 39A TO BE INCLUDED IN ELECTRICITY SUPPLY LICENCES (AFTER EXISTING STANDARD CONDITION 39)

#### "Condition 39A: Qualifying Metering Systems – Post-2020 Roll-out and Installation

##### **The Post-2020 Roll-out Duty**

- 39A.1 Paragraph 39A.2 applies in respect of a Rollout Year where the Secretary of State has, in accordance with paragraph 39A.7, specified the value, or the methodology for calculating the value, of  $T_y$  for that Rollout Year.
- 39A.2 Where this paragraph applies, the licensee must ensure that, the number of Qualifying Metering Systems that are installed in Qualifying Relevant Premises in the Rollout Year is greater than or equal to the target number determined for that Rollout Year in accordance with paragraph 39A.5.

##### **Qualifying Metering Systems**

- 39A.3 For the purposes of this condition, a **Qualifying Metering System** means any of the following:
- (a) a Smart Metering System;
  - (b) an Advanced Meter installed in the Designated Premises of a Non-MB Consumer in accordance with the requirements of paragraph 39.13(b) of standard condition 39 (Smart Metering System – Roll-out, Installation and Maintenance);
  - (c) a Current Transformer Electricity Meter, installed in either Designated Premises or Domestic Premises, that is an Advanced Meter.

##### **Qualifying Relevant Premises**

- 39A.4 For the purposes of this condition, **Qualifying Relevant Premises** means a Domestic Premises or Designated Premises in respect of which the licensee is the Relevant Electricity Supplier and at which there is installed neither:
- (a) a Smart Metering System; nor
  - (b) an Advanced Meter installed in accordance with the requirements of standard condition 39 (Smart Metering System – Roll-out, Installation and Maintenance).

##### **The Target**

- 39A.5 For the purposes of this condition, the target number referred to in paragraph 39A.2 shall in relation to the Rollout Year be calculated in accordance with the following formula:

$$N_y = \left( \frac{1}{a_y} RSMS_y \right) - T_y$$

where:

- $N_y$  means the target number for Rollout Year  $y$ ;
- $a_y$  means a number which is used to calculate a proportion, and shall be equal for Rollout Year  $y$  to the number specified for that Rollout Year in the table at paragraph 39A.6;
- $RSMS_y$  means, in relation to Rollout Year  $y$ , the number of Qualifying Relevant Premises at which a Qualifying Metering System had not been installed by the date which immediately precedes the start date of Rollout Year  $y$ ;
- $T_y$  means a number representing a tolerance level, which shall have the value that is determined in accordance with paragraph 39A.7;

y means the Rollout Year specified in the table at paragraph 39A.6.

39A.6 For the purposes of paragraph 39A.5, in each Rollout Year y, the value of  $a_y$  shall be that which is set out in respect of that Rollout Year in the table immediately below:

Rollout Year (y)	Value of $a_y$
First Rollout Year	4
Second Rollout Year	3
Third Rollout Year	2
Fourth Rollout Year	1

39A.7 For the purposes of paragraph 39A.5, for each Rollout Year y, the value of  $T_y$  shall be equal to the value which is specified in, or calculated in accordance with a methodology specified in, a document published and issued by the Secretary of State for the purposes of this Condition 39A, following consultation with all holders of Gas Supply Licences and Electricity Supply Licences and such other persons as the Secretary of State considers appropriate.

39A.8 The provisions of paragraph 39A.7 may be relied upon by the Secretary of State on more than one occasion by means of any document which, from time to time, expressly replaces the previous value that is specified for, or previous methodology for calculating,  $T_y$  in accordance with that paragraph.

#### Definitions

39A.9 For the purposes of this condition:

**Advanced Meter** has the meaning given to it in standard condition 39 (Smart Metering System – Roll-out, Installation and Maintenance).

**First Rollout Year** means the twelve month period beginning on the date immediately following the ARS Specified Date.

**Fourth Rollout Year** means the twelve month period beginning on the date immediately following the last date of the Third Rollout Year.

**Non-MB Consumer** has the meaning given to that expression in standard condition 39 (Smart Metering System – Roll-out, Installation and Maintenance).

**Qualifying Metering System** has the meaning given to that expression in paragraph 39A.3.

**Qualifying Relevant Premises** has the meaning given to that expression in paragraph 39A.4.

**Rollout Year** means each of the following:

- (a) First Rollout Year;
- (b) Second Rollout Year;
- (c) Third Rollout Year; and
- (d) Fourth Rollout Year.

**Second Rollout Year** means the twelve month period beginning on the date immediately following the last date of the First Rollout Year.

**Third Rollout Year**

means the twelve month period beginning on the date immediately following the last date of the Second Rollout Year."

## SCHEDULE 2

### NEW STANDARD CONDITION 33A TO BE INCLUDED IN GAS SUPPLY LICENCES (AFTER EXISTING STANDARD CONDITION 33)

#### **"Condition 33A: Qualifying Metering Systems – Post-2020 Roll-out and Installation"**

##### **The Post-2020 Roll-out Duty**

- 33A.1 Paragraph 33A.2 applies in respect of a Rollout Year where the Secretary of State has, in accordance with paragraph 33A.7, specified the value, or the methodology for calculating the value, of  $T_y$  for that Rollout Year.
- 33A.2 Where this paragraph applies, the licensee must ensure that, the number of Qualifying Metering Systems that are installed in Qualifying Relevant Premises in the Rollout Year is greater than or equal to the target number determined for that Rollout Year in accordance with paragraph 33A.5.

##### **Qualifying Metering Systems**

- 33A.3 For the purposes of this condition, a **Qualifying Metering System** means any of the following:
- (a) a Smart Metering System;
  - (b) an Advanced Meter installed in the Designated Premises of a Non-MB Consumer in accordance with the requirements of paragraph 33.13(b) of standard condition 33 (Smart Metering System – Roll-out, Installation and Maintenance);
  - (c) a Large Gas Meter, installed in either Designated Premises or Domestic Premises, that is an Advanced Meter.

##### **Qualifying Relevant Premises**

- 33A.4 For the purposes of this condition, **Qualifying Relevant Premises** means a Domestic Premises or Designated Premises in respect of which the licensee is the Relevant Gas Supplier and at which there is installed neither:
- (a) a Smart Metering System; nor
  - (b) an Advanced Meter installed in accordance with the requirements of standard condition 33 (Smart Metering System – Roll-out, Installation and Maintenance).

##### **The Target**

- 33A.5 For the purposes of this condition, the target number referred to in paragraph 33A.2 shall in relation to the Rollout Year be calculated in accordance with the following formula:

$$N_y = \left( \frac{1}{a_y} RSMS_y \right) - T_y$$

where:

- $N_y$  means the target number for Rollout Year  $y$ ;
- $a_y$  means a number which is used to calculate a proportion, and shall be equal for Rollout Year  $y$  to the number specified for that Rollout Year in the table at paragraph 33A.6;
- $RSMS_y$  means, in relation to Rollout Year  $y$ , the number of Qualifying Relevant Premises at which a Qualifying Metering System had not been installed by the date which immediately precedes the start date of Rollout Year  $y$ ;
- $T_y$  means a number representing a tolerance level, which shall have the value that is determined in accordance with paragraph 33A.7;

y means the Rollout Year specified in the table at paragraph 33A.6.

33A.6 For the purposes of paragraph 33A.5, in each Rollout Year y, the value of  $a_y$  shall be that which is set out in respect of that Rollout Year in the table immediately below:

Rollout Year (y)	Value of $a_y$
First Rollout Year	4
Second Rollout Year	3
Third Rollout Year	2
Fourth Rollout Year	1

33A.7 For the purposes of paragraph 33A.5, for each Rollout Year y, the value of  $T_y$  shall be equal to the value which is specified in, or calculated in accordance with a methodology specified in, a document published and issued by the Secretary of State for the purposes of this Condition 33A, following consultation with all holders of Gas Supply Licences and Electricity Supply Licences and such other persons as the Secretary of State considers appropriate.

33A.8 The provisions of paragraph 33A.7 may be relied upon by the Secretary of State on more than one occasion by means of any document which, from time to time, expressly replaces the previous value that is specified for, or previous methodology for calculating,  $T_y$  in accordance with that paragraph.

#### Definitions

33A.9 For the purposes of this condition:

**Advanced Meter** has the meaning given to it in standard condition 33 (Smart Metering System – Roll-out, Installation and Maintenance).

**First Rollout Year** means the twelve month period beginning on the date immediately following the ARS Specified Date.

**Fourth Rollout Year** means the twelve month period beginning on the date immediately following the last date of the Third Rollout Year.

**Non-MB Consumer** has the meaning given to that expression in standard condition 33 (Smart Metering System – Roll-out, Installation and Maintenance).

**Qualifying Metering System** has the meaning given to that expression in paragraph 33A.3.

**Qualifying Relevant Premises** has the meaning given to that expression in paragraph 33A.4.

**Rollout Year** means each of the following:

- (e) First Rollout Year;
- (f) Second Rollout Year;
- (g) Third Rollout Year; and
- (h) Fourth Rollout Year.

**Second Rollout Year** means the twelve month period beginning on the date immediately following the last date of the First Rollout Year.

**Third Rollout Year**

means the twelve month period beginning on the date immediately following the last date of the Second Rollout Year."