

Condition 1 – Amendment to definition of Smart Metering System

Smart Metering System	<p>means, in respect of any Domestic Premises or Designated Premises;:</p> <p><u>(a)</u> a system installed at such premises for the purposes of the supply of electricity to those premises which on the Installation Date:</p> <p class="list-item-l1">(i) consists of an Electricity Meter and any associated or ancillary devices identified in a Version of the ESME Technical Specification which is:</p> <p class="list-item-l2"><u>(A)</u> within its Installation Validity Period; and</p> <p class="list-item-l2"><u>(B)</u> the same Version in respect of all such devices;</p> <p class="list-item-l1">(ii) as a minimum, has the functional capability specified by and complies with the other requirements of that Version of the ESME Technical Specification; and</p> <p class="list-item-l1">(iii) where the premises is a Domestic Premises, except where that Version of the ESME Technical Specification has a Principal Version number of 1, includes a Relevant Communications Hub,<u>or</u></p> <p><u>(b) a system installed at such premises on or before 30 June 2021 (or such later date as may be specified in a direction issued by the Secretary of State under this paragraph) for the purposes of the supply of electricity to those premises which on the Installation Date:</u></p>
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	<p>(i) <u>consists of an Electricity Meter and any associated or ancillary devices identified in a Version of the ESME Technical Specification with a Principal Version number of 1 and is the same Version in respect of all such devices; and</u></p> <p>(ii) <u>as a minimum, has the functional capability specified by and complies with the other requirements of that Version of the ESME Technical Specification.</u></p> <p>and where such a system installed at a Domestic Premises or Designated Premises is a Smart Metering System on the Installation Date it shall continue to be a Smart Metering System until such date as it is removed from the premises in its entirety.</p>
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Condition 39: Smart Metering System – Roll-out, Installation and Maintenance

PART A - ROLL-OUT DUTY AND EXCEPTIONS TO THE DUTY

The roll-out duty

39.1 The licensee must take all reasonable steps to ensure that a Smart Metering System is installed on or before the ARS Specified Date at each Domestic Premises or Designated Premises in respect of which it is the Relevant Electricity Supplier.

39.2 The requirement in paragraph 39.1 is subject to paragraphs 39.3, 39.4, 39.5 and 39.6.

Exception for Domestic and Designated Premises – Current Transformer Meters

39.3 The requirement in paragraph 39.1 does not apply in respect of any Domestic Premises or Designated Premises at which either:

- (a) the existing Electricity Meter is a Current Transformer Electricity Meter; or
- (b) any New Electricity Meter or Replacement Electricity Meter installed or arranged to be installed by the licensee is a Current Transformer Electricity Meter,

and where in either case:

- (c) that Current Transformer Electricity Meter meets any requirements which apply to it by virtue of paragraph 12.24 or 12.26 of standard condition 12 (Matters relating to Electricity Meters).

Exception for Designated Premises - Advanced Meter Arrangements

39.4 The requirement in paragraph 39.1 does not apply in respect of any Designated Premises:

- (a) where:
 - (i) the licensee or any other person has, prior to the Relevant Date, made arrangements for an Advanced Meter to be installed at that Designated Premises; and
 - (ii) the obligation under those arrangements to install an Advanced Meter is to be satisfied by a date which is also prior to the Relevant Date; and
- (b) where either:

- (i) the Relevant Date has not yet occurred; or
- (ii) the Relevant Date has occurred and the Electricity Meter installed at the Designated Premises is an Advanced Meter that was installed prior to that date.

Exception for Designated Premises - Advanced Meter Contract

39.5 The requirement in paragraph 39.1 does not apply in respect of any Designated Premises:

- (a) where:
 - (i) the licensee or any other person has, prior to 6 April 2016, entered into a contract with the Customer at the Designated Premises to install or arrange the installation of an Advanced Meter at that Designated Premises; and
 - (ii) the obligation under that contract is for the Advanced Meter to be installed on or before the ARS Specified Date; and
- (b) where either:
 - (i) the date which falls immediately after the ARS Specified Date has not yet occurred; or
 - (ii) the date which falls immediately after the ARS Specified Date has occurred and the Electricity Meter installed at the Designated Premises is the Advanced Meter that was first installed, pursuant to the contract, on or before the ARS Specified Date.

Exception for Designated Premises – Non-Domestic, Non-Micro Business Consumers

39.6 The requirement in paragraph 39.1 does not apply in respect of any Designated Premises:

- (a) that are Designated Premises of a Non-MB Consumer; and
- (b) where:
 - (i) the licensee or any other person has either made arrangements for an Advanced Meter to be installed at the Designated Premises or entered into a contract with the Non-MB Consumer to install or arrange the installation of an Advanced Meter at the Designated Premises;

- (ii) the licensee has communicated, in plain and intelligible language, the Relevant Information to the Non-MB Consumer; and
- (iii) the Non-MB Consumer has chosen not to have a Smart Metering System installed at the Designated Premises.

PART B - DUTY IN RELATION TO REPLACEMENT METERS AND NEW CONNECTIONS AND EXCEPTIONS FROM THE DUTY

The duty in relation to replacement meters and new connections

39.7 The licensee must take all reasonable steps to ensure that at each Domestic Premises or Designated Premises in respect of which:

- (a) it is the Relevant Electricity Supplier, any Replacement Electricity Meter which is installed or is arranged to be installed forms part of a Smart Metering System;
- (b) it is to be the first Relevant Electricity Supplier, any New Electricity Meter which is installed or is arranged to be installed forms part of a Smart Metering System.

39.8 The requirement in paragraph 39.7 is subject to paragraphs 39.10, 39.11, 39.12 and 39.13.

39.9 The requirement in paragraph 39.7 and paragraphs 39.10, 39.11, 39.12 and 39.13 apply only with effect from any date specified by the Secretary of State in a direction issued to the licensee in accordance with this paragraph.

Exception for Domestic and Designated Premises – Current Transformer Meters

39.10 The requirement in paragraph 39.7 does not apply in respect of any Domestic Premises or Designated Premises at which either:

- (a) the existing Electricity Meter is a Current Transformer Electricity Meter; or
- (b) any New Electricity Meter or Replacement Electricity Meter installed or arranged to be installed by the licensee is a Current Transformer Electricity Meter,

and where in either case:

- (c) that Current Transformer Electricity Meter meets any requirements which apply to it by virtue of paragraph 12.24 or 12.26 of standard condition 12 (Matters relating to Electricity Meters).

Exception for Designated Premises - Advanced Meter Arrangements

39.11 The requirement in paragraph 39.7 does not apply in respect of any Designated Premises where:

- (a) the licensee or any other person has, prior to the Relevant Date, made arrangements for an Advanced Meter to be installed at that Designated Premises;
- (b) the obligation under those arrangements to install an Advanced Meter is to be satisfied by a date which is also prior to the Relevant Date; and
- (c) the Relevant Date has not yet occurred.

Exception for Designated Premises - Advanced Meter Contract

39.12 The requirement in paragraph 39.7 does not apply in respect of any Designated Premises:

- (a) where:
 - (i) the licensee or any other person has, prior to 6 April 2016, entered into a contract with the Customer at the Designated Premises to install or arrange the installation of an Advanced Meter at that Designated Premises; and
 - (ii) the obligation under that contract is for the Advanced Meter to be installed on or before the ARS Specified Date; and
- (b) where both:
 - (i) the Advanced Meter has not yet been installed at the Designated Premises pursuant to the contract; and
 - (ii) the date which falls immediately after the ARS Specified Date has not yet occurred.

Exception for Designated Premises – Non-Domestic, Non-Micro Business Consumers

39.13 The requirement in paragraph 39.7 does not apply in respect of any Designated Premises:

- (a) that are Designated Premises of a Non-MB Consumer; and
- (b) where:

- (i) the licensee or any other person has either made arrangements for an Advanced Meter to be installed at the Designated Premises or entered into a contract with the Non-MB Consumer to install or arrange the installation of an Advanced Meter at the Designated Premises;
- (ii) the licensee has communicated, in plain and intelligible language, the Relevant Information to the Non-MB Consumer;
- (iii) the Non-MB Consumer has chosen not to have, or where there is installed at the Designated Premises a Smart Metering System has chosen not to continue to have, a Smart Metering System installed at the Designated Premises; and
- (iv) the Replacement Electricity Meter or New Electricity Meter installed or arranged to be installed at the Designated Premises is an Advanced Meter.

PART C – DUTIES AFTER INSTALLATION AND DEFINITIONS

The duties after installation – maintenance and replacement of Smart Metering Systems

39.14 Paragraphs 39.15 to 39.20 apply to the licensee in respect of each Domestic Premises and Designated Premises at which:

- (a) it is the Relevant Electricity Supplier; and
 - (b) there is installed a Smart Metering System,
- (the **relevant premises**).

Maintenance of Smart Metering Systems

39.15 Where this paragraph applies, the licensee must take all reasonable steps to ensure that the Smart Metering System at the relevant premises is maintained so that at all times it satisfies the requirements a Version of the ESME Technical Specification which is:

- (a) within its Maintenance Validity Period;
- (b) the same Version in respect of all devices (but excluding for this purpose a Communications Hub) comprised within that Smart Metering System;

- (c) where the 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;
- (d) where there is installed at the relevant premises a PPMID, Compatible with the Version of the PPMID Technical Specification in accordance with which that PPMID is maintained by the licensee;
- (e) where there is installed at the relevant premises a HCALCS, Compatible with the Version of the HCALCS Technical Specification in accordance with which that HCALCS is maintained by the licensee;
- (f) where there is provided at the relevant premises an IHD, Compatible with the Version of the IHD Technical Specification in accordance with which that IHD is maintained by the licensee during the period which it is required to be maintained;
- (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.

39.16 The requirement in paragraph 39.15 is subject to paragraphs 39.17, 39.19 and 39.20.

39.17 Where on any given date a Smart Metering System 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 Smart Metering System 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 39.15.

Replacement of Smart Metering Systems

39.18 Paragraph 39.19 applies where:

- (a) paragraph 39.15 applies to the licensee in respect of a Smart Metering System at relevant premises;
- (b) the licensee removes or arranges to remove that Smart Metering System from the relevant premises in its entirety; and
- (c) the licensee installs or arranges to be installed at the relevant premises, by way of replacement (whether in accordance with the requirement of paragraph 39.7(a) or otherwise), a new Smart Metering System.

39.19 Where this paragraph applies the licensee must ensure that any Smart Metering System that is installed or arranged to be installed by it at the relevant premises, by way of replacement, satisfies the requirements of a Version of the ESME Technical Specification which is:

- (a) the same Version in respect of all devices (but excluding for this purpose a Communications Hub) comprised in the Smart Metering System; and
- (b) compliant with paragraph 39.20.

39.20 A Version of the ESME Technical Specification is compliant with this paragraph where it is not earlier than the latest Version in accordance with which the licensee was required to maintain the Smart Metering System previously installed at the relevant premises by virtue of paragraph 39.17 (and, for these purposes, an earlier Version of the ESME Technical Specification is indicated by a lower Principal Version and/or Sub-Version number, and a later Version by a higher Principal Version and/or Sub-Version number).

Exception

39.21 The requirement in paragraph 39.15 does not apply in respect of any part of a Smart Metering System which consists of a Communications Hub.

Definitions

39.22 For the purposes of Part A and Part B of this condition:

<p><u>Smart Metering System</u></p>	<p><u>means, in respect of any Domestic Premises or Designated Premises a system installed at such premises for the purposes of the supply of electricity to those premises which on the Installation Date:</u></p>
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- (a) consists of an Electricity Meter and any associated or ancillary devices identified in a Version of the ESME Technical Specification which is:
- (i) within its Installation Validity Period; and
- (ii) the same Version in respect of all such devices;
- (b) as a minimum, has the functional capability specified by and complies with the other requirements of that Version of the ESME Technical Specification; and
- (c) where the premises is a Domestic Premises, except where that Version of the ESME Technical Specification has a Principal Version number of 1, includes a Relevant Communications Hub.

~~39.22~~39.23 For the purposes of this condition:

Advanced Meter	means an Electricity Meter which satisfies the definition of 'advanced meter' in paragraph 12.19 of standard condition 12 (Matters relating to Electricity Meters) but which does not form part of a Smart Metering System.
Domestic Energy Premises	means premises which (with respect to the supply of electricity) are Domestic Premises, or (with respect to the supply of gas) satisfy the definition of 'Domestic Premises' at standard condition 6 of the Gas Supply Licence.
Energy Supplier	means the holder of an Electricity Supply Licence and/or a Gas Supply Licence.
Large Energy Supplier	means an Energy Supplier which is not a Small Energy Supplier.
Micro Business Energy Consumer	means a consumer of electricity or gas (or both) that is a Micro Business Consumer in accordance with:

	<ul style="list-style-type: none">(a) the meaning given to the term Micro Business Consumer in standard condition 7A (Supply to Micro Business Consumers); or(b) the meaning given to the term Micro Business Consumer in standard condition 7A of the Gas Supply Licence.
New Electricity Meter	means the Electricity Meter that is the first Electricity Meter to be installed or arranged to be installed at the relevant premises.
Non-MB Consumer	means a Non-Domestic Customer that is not a Micro Business Energy Consumer.
Relevant Date	<p>means:</p> <ul style="list-style-type: none">(a) where the licensee is a Large Energy Supplier, 28 April 2017; and(b) where the licensee is a Small Energy Supplier, 17 August 2017, <p>or (in either case) such later date as the Secretary of State may direct.</p>
Relevant Information	means information, which shall be accurate, comprehensive and not misleading, on the factors the Non-MB Consumer should reasonably take into account in deciding whether to have an Advanced Meter or a Smart Metering System installed at the Designated Premises.
Replacement Electricity Meter	means an Electricity Meter that replaces an Electricity Meter previously installed at the relevant premises.
Small Energy Supplier	means an Energy Supplier which supplied (whether with electricity, or gas, or both) fewer than 250,000 (two hundred and fifty thousand) Domestic Energy Premises on 15 February 2015.

Condition 52: Smart Metering Systems – Requirements for Specified Optional Equipment

PPMID

- 52.1 This Condition applies only in respect of Prepayment Meter Interface Devices which form part of a SMETS2+ Smart Metering System.
- 52.2 Where the licensee is the Relevant Electricity Supplier at any Domestic Premises or Designated Premises at which there is installed a Prepayment Meter Interface Device, it must take all reasonable steps to ensure that the Prepayment Meter Interface Device 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 PPMID Technical Specification which is:
- (a) within its Maintenance Validity Period;
 - (b) the same Version in respect of all devices comprised within that Prepayment Meter Interface Device;
 - (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.
- 52.3 The requirement in paragraph 52.2 is subject to paragraph 52.4.
- 52.4 Where on any given date a Prepayment Meter Interface Device is maintained by the licensee such that it satisfies the requirements of a particular Version of the PPMID Technical Specification, the licensee must take all reasonable steps to ensure that the Prepayment Meter Interface Device 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 PPMID Technical Specification notwithstanding that any such earlier Version may otherwise meet the requirements of paragraph 52.2.

HCALCS

- 52.5 Where the licensee is the Relevant Electricity Supplier at any Domestic Premises or Designated Premises at which there is installed a HAN Connected Auxiliary Load Control Switch, it must

take all reasonable steps to ensure that the HAN Connected Auxiliary Load Control Switch 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 HCALCS Technical Specification which is:

- (a) within its Maintenance Validity Period;
- (b) the same Version in respect of all devices comprised within that HAN Connected Auxiliary Load Control Switch;
- (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.

52.6 The requirement in paragraph 52.5 is subject to paragraph 52.7.

52.7 Where on any given date a HAN Connected Auxiliary Load Control Switch is maintained by the licensee such that it satisfies the requirements of a particular Version of the HCALCS Technical Specification, the licensee must take all reasonable steps to ensure that the HAN Connected Auxiliary Load Control Switch 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 HCALCS Technical Specification notwithstanding that any such earlier Version may otherwise meet the requirements of paragraph 52.5.

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~~the Import MPAN and/or the Export MPAN that relates to ~~that premises~~the Metering Point of the Relevant Electricity Meter; 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**', '**Export MPAN**', '**Import MPAN**', '**Metering Point**' and '**Smart Metering Inventory**' shall have the meaning given to it in the Smart Energy Code.

52.17 In this condition:

Relevant Electricity Meter means, in respect of a premises at which there is installed an Additional Electricity Smart Meter and/or a Standalone Auxiliary Proportional Controller, the Electricity Meter that:

(a) is used for the purposes of determining (whether in whole or in part) the quantity of electricity supplied to the premises and/or exported from the premises; and

(b) also measures (as a minimum) the quantity of electricity that is consumed by and/or exported through the installed Additional Electricity Smart Meter and/or the Standalone Auxiliary Proportional Controller.