

## Proposed Modification P218

### Draft Legal Text for the Proposed Solution

#### Attachment 1

##### Index Page (version 5)

*Insert new sub section to Section S of the Index Page as follows:*

#### **SECTION S: SUPPLIER VOLUME ALLOCATION**

1. General
2. Responsibilities of Suppliers and Supplier Agents
3. Performance
4. Functions of BSC Agents in relation to Supplier Volume Allocation
5. Functions of Other Agents in relation to Supplier Volume Allocation
6. Supplier BM Units
7. Supplier Volume Allocation Rules
8. Unmetered Supplies
9. Unmetered Exports

##### Section E BSC Agents (version 4)

*Amend paragraph 1.2.5 as follows:*

- 1.2.5 The services which are the subject of each BSC Service Descriptions, and the name by which the BSC Agent for each BSC Service Description is known in the Code, are set out below:

BSC Service Description	BSC Agent	Abbreviation
Settlement Administration	Settlement Administration Agent	SAA
Funds Administration	Funds Administration Agent	FAA
Balancing Mechanism Reporting	Balancing Mechanism Reporting Agent	BMRA
Energy Contract Volume Aggregation	Energy Contract Volume Aggregation Agent	ECVAA
Central Data Collection	Central Data Collection Agent	CDCA
Technical Assurance	Technical Assurance Agent	TAA
Central Registration	Central Registration Agent	CRA
Supplier Volume Allocation	Supplier Volume Allocation Agent	SVAA
Teleswitch Monitoring	Teleswitch Agent	-
BSC Audit	BSC Auditor	-
Profile Administration	Profile Administrator	-

BSC Service Description	BSC Agent	Abbreviation
<u>Unmetered Exports</u>	<u>Unmetered Export Agent</u>	<u>UEA</u>

## **Section J Party Agents and Qualification Under the Code (version 12)**

*Amend paragraphs 1.2.1 (a) and (b) as follows:*

- 1.2.1 Each Party shall secure that the following Party Agents are appointed and used, subject to and in accordance with the provisions of this Section J, to perform the obligations and carry out the activities of such Party described in paragraph 1.2.2:
- (a) in relation to each Metering System for which such Party is or is to be the Registrant (other than a Metering System which relates to an Unmetered Supply or an Unmetered Export), a Meter Operator Agent;
  - (b) in relation to each SVA Metering System for which such Party is or is to be the Registrant:
    - (i) a Data Collector (other than in respect of a Metering System which relates to an Unmetered Export); and
    - (ii) a Data Aggregator; and

## **Section K Classification and Registration of Metering Systems and BM Units (version 25)**

*Amend paragraph 1.2.1(a) as follows:*

- 1.2.1 Subject to the further provisions of this Section K, the Party responsible (in accordance with paragraph 1.2.2 below) for any Exports or Imports of electricity at a Boundary Point shall:
- (a) install, maintain and operate or secure that there is installed, maintained and operated, subject to and in accordance with Section L, Metering Equipment by which (over periods and otherwise in accordance with the further requirements of the Code) the quantities of such Exports and Imports separately can be measured, but subject to the provisions of Sections L1.1.3 and S8 as to Unmetered Supplies and Sections L1.1.3 and S9 as to Unmetered Exports;

*Amend paragraph 1.6.1 as follows:*

- 1.6.1 The composition of Metering Systems shall be determined for the purposes of the Code in accordance with the following provisions:
- (a) subject to paragraphs (b), (c), (d), ~~and~~ (e) and (f), in relation to any Site and any Party, the commissioned Metering Equipment installed for the purposes of measuring the quantities of Exports and Imports at the Boundary Point(s) (collectively) associated with that Site for which that Party is responsible is either:
    - (i) a single Metering System; or

- (ii) such greater number of Metering Systems as that Party applies (in accordance with paragraph 2) to register,

irrespective of whether all or part of the same Metering Equipment is also used to measure the quantities of Imports and/or Exports for which another Party is responsible at that Site, but subject to paragraph 2.5;

- (b) in relation to any Site with associated Interconnector Boundary Point(s), the commissioned Metering Equipment installed for the purposes of measuring the quantities of Exports and Imports at the Interconnector Boundary Point(s) (collectively) associated with that Site is either:

- (i) a single Metering System; or
- (ii) such greater number of Metering Systems as the Party who is to be the Registrant pursuant to paragraph 5.3 applies (in accordance with paragraph 2) to register;

- (c) in relation to any Site with associated Systems Connection Point(s) and any Party, the commissioned Metering Equipment installed for the purposes of measuring flows of electricity at the Systems Connection Point(s) (collectively) associated with that Site for which that Party is responsible is either:

- (i) a single Metering System; or
- (ii) such greater number of Metering Systems as that Party applies (in accordance with paragraph 2) to register,

irrespective of whether all or part of the same Metering Equipment is also used to measure the quantities of Imports and/or Exports for which another Party is responsible at that Site;

- (d) where the Metering System is or is to be registered in SMRS, the commissioned Metering Equipment installed for the purposes of measuring the quantities of Exports and Imports for which a Party is responsible at a Metering Point shall be a single Metering System (but subject to paragraph 2.5);

- (e) in relation to an Unmetered Supply, the Equivalent Meter or Profiled Unmetered Supply for the purposes of calculating the quantities of Imports and Exports for which a Party is responsible at a Metering Point shall be a single Metering System; ~~and-~~

- (f) an Unmetered Export Registration shall be treated as a single Metering System.

## **Section L Metering (version 12)**

*Amend paragraph 1.1.3 as follows:*

- 1.1.3 There is no requirement to install, commission, operate and maintain Metering Equipment or measure and record a flow of Active Energy or Reactive Energy through Metering Equipment in respect of any Import relating to an Unmetered

Supply or in respect of any Unmetered Export; and nothing in this Section L applies in relation to an Unmetered Supply (or any Metering System in respect of an Unmetered Supply) or in relation to an Unmetered Export (or any Metering System in respect of an Unmetered Export).

## **Section S Supplier Volume Allocation (version 15)**

*Amend paragraph 1.1.1 as follows:*

1.1.1 This Section S sets out:

- (a) the rights and obligations of Suppliers, and the activities and functions for which Suppliers (and their Party Agents) are responsible, in relation to Supplier Volume Allocation;
- (b) the application of performance assurance measures with respect to Parties involved in Supplier Volume Allocation and associated liquidated damages;
- (c) the functions of Supplier Meter Registration Agents with respect to Supplier Volume Allocation;
- (d) the functions of the SVAA;
- (e) the functions of the Profile Administrator;
- (f) the basis upon which SVA Metering Systems may be allocated to Additional BM Units; ~~and~~
- (g) the basis upon which quantities of Active Energy associated with SVA Metering Systems are determined and allocated to Supplier BM Units for the purposes of Settlement;
- (h) the rights and obligations of the Parties in relation to Unmetered Supplies and Unmetered Exports; and
- (i) the functions of the Unmetered Export Agent.

*Insert new paragraph S9 after S8 as follows:*

## **9 Unmetered Exports**

### **9.1 Unmetered Exports and this Section**

9.1.1 The rights and obligations of Parties in relation to Unmetered Exports shall be as set out in this [Section S](#) and [BSCP521](#).

9.1.2 If there is any inconsistency or conflict between the provisions of this paragraph 9 and any other provisions of the Code in relation to Unmetered Exports, the provisions of this paragraph 9 shall prevail.

9.1.3 For the purposes of this [Section S](#):

- (a) Annual Export means the estimate of the total amount of energy being Exported by an [Unmetered](#) Small Scale Third Party Generating Plant in a year as determined pursuant to paragraph 9.7.2;

- (b) Unmetered Export Factor means a factor (between 0 and 1), applicable to a particular Technology Type, by which the Annual Export of Unmetered Small Scale Third Party Generating Plant utilising that Technology Type shall be calculated;
- (c) Unmetered Export Register means the register maintained by the Unmetered Export Agent and containing all Unmetered Export Registrations and other data relating to the associated Unmetered Small Scale Third Party Generating Plant;
- (d) Unmetered Export Registration means a unique combination of Supplier, GSP Group and Licensed Distribution System Operator which is established in accordance with BSCP521;
- (e) Unmetered Small Scale Third Party Generating Plant means a Small Scale Third Party Generating Plant whose Exports are not required by the Code to be measured through Metering Equipment;
- (f) Technology Type means a type of generating technology (which may be used in Small Scale Third Party Generating Plant) for the time being included in the list of generating technology types established by the Panel pursuant to paragraph 9.2.1(a); and
- (g) SSTPGP Capacity means the capacity (calculated as if it were measured at the Boundary Point) of the relevant Small Scale Third Party Generating Plant as advised by the Supplier from time to time, and which for the avoidance of doubt shall not exceed the Small Scale Third Party Generating Plant Limit.

## **9.2 Unmetered Export Factors and Technology Types**

### **9.2.1 The Panel shall:**

- (a) establish, and from time to time revise, a list of types of generating technology which constitute Small Scale Third Party Generating Plant (“Technology Type”); and
- (b) in relation to each Technology Type, determine, and from time to time revise, an Unmetered Export Factor; and for the avoidance of doubt the Panel may determine a single Unmetered Export Factor which shall apply to several or all Technology Types.

9.2.2 The Panel shall arrange for the list of Technology Types and the Unmetered Export Factors, as from time to time determined or revised, to be sent to the Unmetered Export Agent and published on the BSC Website.

### **9.3 Unmetered Export Process**

9.3.1 For the purposes of accounting for Unmetered Exports in Supplier Volume Allocation:

- (a) on request by the Supplier, a Licensed Distribution System Operator shall assign a SVA Metering System Number to each Unmetered Export Registration, and the Supplier shall register the SVA Metering System Number in SMRS and in the Unmetered Export Register;
- (b) a Supplier may apply to the Unmetered Export Agent to register in the Unmetered Export Register, within the relevant Unmetered Export Registration, the Unmetered Small Scale Third Party Generating Plant for whose Exports it is responsible;
- (c) the Unmetered Export Agent shall maintain an accurate and complete Unmetered Export Register of each of the Unmetered Export Registrations and the Unmetered Small Scale Third Party Generating Plant relating to each Unmetered Export Registration;
- (d) the Panel shall determine Unmetered Export Factors and a list of Technology Types; and
- (e) the Unmetered Export Agent shall calculate Estimated Annual Consumption for each SVA Metering System Number relating to each Unmetered Export Registration, and notify such Estimated Annual Consumption to the relevant Non Half Hourly Data Aggregator,

as further provided in this paragraph 9, BSCP521 and the Unmetered Export Agent Service Description.

### **9.4 Unmetered Export Agent Functions**

9.4.1 The principal functions of the Unmetered Export Agent are set out as follows (and as further stated in the Code and relevant Code Subsidiary Documents (including BSCP521):

- (a) to receive and process applications from Suppliers to register in the Unmetered Export Register each Unmetered Export Registration;
- (b) to receive and process applications from Suppliers to register Unmetered Small Scale Third Party Generating Plant for whose Exports such Suppliers are responsible within an Unmetered Export Registration;
- (c) to record all data in the Unmetered Export Register in relation to Unmetered Small Scale Third Party Generating Plant for whose Exports such Suppliers are responsible within an Unmetered Export Registration, such data to include but not necessarily be limited to location, GSP Group, Licenced Distribution System Operator, Supplier, Technology Type and SSTPGP Capacity;
- (d) to operate and maintain the Unmetered Export Register including any procedures to enable and process change(s) in the Unmetered Export Register and/or objections in relation to the Unmetered Export Register or in relation to applications for Unmetered Export Registrations (or changes thereto);
- (e) to revise and update the Unmetered Export Register where, amongst other things:
  - (i) a Supplier ceases to be responsible for, or another Supplier becomes responsible for, the Exports from the relevant Unmetered Small Scale Third Party Generating Plant; and
  - (ii) Small Scale Third Party Generating Plant ceases to be Unmetered Small Scale Third Party Generating Plant as a result of the installation and registration of Metering Equipment;

(f) to record Unmetered Export Factors and determine the Unmetered Export Factor applicable to each Unmetered Small Scale Third Party Generating Plant for which there is an Unmetered Export Registration;

(g) to calculate Estimated Annual Consumptions for Unmetered Exports; and

(h) to provide Estimated Annual Consumption data in respect of Unmetered Exports to the relevant Non Half Hourly Data Aggregator.

9.4.2 The Unmetered Export Agent shall ensure that relevant extracts of the up-to-date Unmetered Export Register are made available to each relevant Supplier and each relevant Licensed Distribution System Operator upon request.

9.4.3 To the extent to which any of the rules in the Code or any processes or systems for Supplier Volume Allocation require, in order to give effect to the treatment of Unmetered Exports in accordance with this Section S, the existence or appointment of a Meter Operator Agent or a Non Half Hourly Data Collector, the Unmetered Export Agent shall be deemed to fulfil the role of (and to have been appointed by each Supplier as) the Meter Operator Agent or Non Half Hourly Data Collector in relation to such Unmetered Exports.

9.4.4 Nothing in this paragraph 9.4 shall make the Unmetered Export Agent (or any Supplier in relation to the Unmetered Export Agent) subject to any of the provisions of Sections J1 to J7 (inclusive).

## **9.5 Supplier Obligations**

9.5.1 Where a Supplier intends to receive an Export from an Unmetered Small Scale Third Party Generating Plant it shall:

(a) register the SVA Metering System Number provided to it by the relevant Licensed Distribution System Operator in relation to the Unmetered Export Registration in SMRS and in the Unmetered Export Register;

(b) request the Unmetered Export Agent to register the Unmetered Small Scale Third Party Generating Plant for whose Exports such Supplier is responsible within the relevant Unmetered Export Registration; and



(c) provide the Licensed Distribution System Operator and the Unmetered Export Agent with any and all information detailed in this paragraph 9 and any and all other additional information as set out in BSCP521.

9.5.2 Each Supplier shall, in respect of the Unmetered Small Scale Third Party Generating Plant registered in each of its Unmetered Export Registrations, notify the Unmetered Export Agent of any change in any of the details of any such Unmetered Small Scale Third Party Generating Plant (including the installation and registration of Metering Equipment), and further each Supplier shall comply with the procedure for change in the registration of Unmetered Small Scale Third Party Generating Plant and/or any details relating thereto as set out in BSCP521.

9.5.3 For the avoidance of doubt, the requirements (as to accuracy and otherwise) of Section U1.2 apply in relation to the details (including Technology Type, energisation status and SSTPGP Capacity) provided by a Supplier to the Unmetered Export Agent in relation to Unmetered Small Scale Third Party Generating Plant.

9.5.4 Each Supplier shall maintain all such records and evidence as may be necessary to demonstrate that the Supplier has complied with this paragraph 9, Annex S-2 paragraph 4.4, Section U1.2 and BSCP521 in relation to Unmetered Small Scale Third Party Generating Plant, and shall make such records and evidence available to the Performance Assurance Board upon request.

## **9.6 Licensed Distribution System Operator Obligations**

9.6.1 A Licensed Distribution System Operator shall upon request by the relevant Supplier assign a SVA Metering System Number to each relevant Unmetered Export Registration.

9.6.2 A Licensed Distribution System Operator shall assign each relevant Unmetered Export Registration (to which it is included) a Line Loss Factor Class and thereafter shall comply with Section K1.7.

## **9.7 Estimated Annual Consumption**

9.7.1 The Estimated Annual Consumption for an Unmetered Export Registration shall be calculated as:

$$\Sigma AE$$

where

$\Sigma$  is the sum over all Unmetered Small Scale Third Party Generating Plant comprised in the relevant Unmetered Export Registration; and

AE is the Annual Export.

9.7.2 The Annual Export for an Unmetered Small Scale Third Party Generating Plant shall be calculated as:

$$\text{UEF} * \text{SC} * 8766$$

where

for each such Unmetered Small Scale Third Party Generating Plant

UEF is the Unmetered Export Factor; and

SC is SSTPGP Capacity.

9.7.3 The Estimated Annual Consumption for an Unmetered Export shall be recalculated whenever there is a change:

(a) in Unmetered Export Factor; or

(b) in the Unmetered Export Registration to which an Unmetered Small Scale Third Party Generating Plant is registered; or

(c) in any of the details maintained by the Unmetered Export Agent in respect of the relevant Unmetered Small Scale Third Party Generating Plant comprised in the Unmetered Export Registration.

## **Section S, Annex S-1 Performance Levels and Supplier Charges (version 7)**

*Amend paragraph 2.2.2(b) as follows:*

2.2.2 (b) the following summations shall bear the following respective meanings:

$\Sigma_{N(AA)}$  means summed over all Consumption Component Classes (N) that are associated with Annualised Advances. For the avoidance of doubt, values associated with Consumption Component Classes associated with Third Party Generating Plant comprised in SVA Metering Systems shall be added to those values associated with all other Consumption Component Classes; and

$\Sigma_{N(EAC)}$  means summed over all Consumption Component Classes (N) that are associated with Estimated Annual

Consumptions and are not associated with Unmetered Supplies or Unmetered Exports. For the avoidance of doubt, values associated with Consumption Component Classes associated with Third Party Generating Plant comprised in SVA Metering Systems shall be added to those values associated with all other Consumption Component Classes;

*Amend paragraphs 2.3.1 and 2.3.2 as follows:*

- 2.3.1 In relation to each GSP Group and in respect of Non Half Hourly Metering Systems for which the Supplier is responsible, the Supplier shall ensure that the number of such Non Half Hourly Metering Systems (whether metered Metering Systems ~~or~~ Metering Systems for Unmetered Supplies and/or Metering Systems for Unmetered Exports) that are settled on the basis of Default Estimated Annual Consumption For Metered Metering Systems or Default Estimated Annual Consumption For Unmetered Metering Systems, as the case may be, expressed as a percentage of the total number of Non Half Hourly Metered Metering Systems (both metered Metering Systems and Metering Systems for Unmetered Supplies and/or Unmetered Exports) for which the Supplier is responsible, shall be no greater than the values set out in the table below against the applicable Volume Allocation Run, provided that this paragraph 2.3.1 shall not apply where the total number of Non Half Hourly Metering Systems for which the Supplier is responsible is less than 1000.

Volume Allocation Run	Performance Level
Initial Volume Allocation Run	0.5%
First Reconciliation Volume Allocation Run	0.5%
Second Reconciliation Volume Allocation Run	0.2%
Third Reconciliation Volume Allocation Run	0.1%
Final Reconciliation Volume Allocation Run	0%

- 2.3.2 In relation to each GSP Group and in respect of Non Half Hourly Metering Systems for which the Supplier is responsible, the number of such Non Half Hourly Metering Systems (whether metered Metering Systems or Metering Systems for Unmetered Supplies and/or Unmetered Exports) that are settled on the basis of Default Estimated Annual Consumption For Metered Metering Systems or Default Estimated Annual Consumption For Unmetered Metering Systems, as the case may be, shall be no greater than the values set out in the table below against the applicable Volume Allocation Run provided that this paragraph 2.3.2 shall not apply where the total number of Non Half Hourly Metering Systems for which the Supplier is responsible is 1000 or more.

Volume Allocation Run	Performance Level (number of Metering Systems)
Initial Volume Allocation Run	5
First Reconciliation Volume Allocation Run	5
Second Reconciliation Volume Allocation Run	2
Third Reconciliation Volume Allocation	1

Run	
Final Reconciliation Volume Allocation Run	0

### **Section S, Annex S-2 Supplier Volume Allocation Rules (version 13)**

*Amend paragraph 4.1.1 as follows:*

- 4.1.1 Each Supplier shall ensure that a Supplier Purchase Matrix for each Settlement Day is made available to the SVAA in respect of all of such Supplier's metered Metering Systems which are not subject to half hourly metering, ~~and~~ Unmetered Supplies not subject to Equivalent Metering and Unmetered Exports.

*Amend paragraph 4.2.1 as follows:*

- 4.2.1 In this paragraph 4 "Metered Data" shall mean only Metered Data in respect of:

- (a) metered Metering Systems collected by:
  - (i) automatic/remote means;
  - (ii) site meter reading; or
  - (iii) customer reading;
 and which are not subject to half hourly metering;
- (b) Unmetered Supplies not subject to Equivalent Metering; ~~and~~
- (c)
  - (i) a Meter reading, in relation to a metered Metering System which is not subject to half hourly metering, which is agreed between the old Supplier and the new Supplier in accordance with BSCP504 and is used for the Settlement Day of a change of Supplier; and
  - (ii) this paragraph 4.2.1(c) shall only apply to Settlement Days occurring on or after the Implementation Date of the Approved Modification that first introduced this paragraph 4.2.1(c); ~~and-~~
- (d) Unmetered Exports.

*Insert new paragraph 4.3.18A after paragraph 4.3.18 as follows:*

4.3.18A Each Supplier shall, in respect of each Supplier's Unmetered Small Scale Third Party Generating Plant for whose Exports it is responsible, ensure that the Unmetered Export Agent determines the values of Estimated Annual Consumptions and, in accordance with BSCP521 and the Unmetered Export Agent Service Description, passes such value unadjusted to relevant Non Half Hourly Data Aggregator responsible for such Supplier's Unmetered Exports together with the Effective From Settlement Dates of such Estimated Annual Consumption.

*Amend paragraph 4.4.1 as follows:*

- 4.4.1 Each Supplier shall ensure that in respect of each Settlement Day for which an Initial Volume Allocation Run or a Reconciliation Volume Allocation Run is being undertaken, each of its Non Half Hourly Data Aggregators shall in respect

of each of the Settlement Registers within such Supplier's Metering Systems, including those Settlement Registers within Unmetered Supplies and/or Unmetered Exports, for which such Non Half Hourly Data Aggregator is responsible and which are not subject to Equivalent Metering:

- (a) receive Estimated Annual Consumption data together with their Effective From Settlement Dates and Annualised Advance data, together with their Effective From Settlement Dates and Effective To Settlement Dates and Metering System details provided by the relevant Non Half Hourly Data Collectors responsible for such Metering System and for each Settlement Register pursuant to paragraph 4.3;
- (b) check the Estimated Annual Consumption and Annualised Advance data provided by the relevant Non Half Hourly Data Collector in accordance with BSCP505;
- (c) enter the Estimated Annual Consumption and Annualised Advance data as provided pursuant to paragraph (a) into the relevant data aggregation system;
- (d) update standing data entries, including data provided by the SVAA and the relevant SMRA, to the relevant data aggregation system to take account of new information;
- (e) aggregate annualised Consumption Data in MWh; and
- (f) provide the aggregated annualised Consumption Data to the SVAA in the form of Supplier Purchase Matrices.

*Amend paragraphs 4.4.4(e), (f), (i) and (k) as follows:*

- (e) if such Metering System "K" is classified as an Unmetered Supply and has a valid Unmetered Supply Certificate effective on the Settlement Day and/or is classified as relating to an Unmetered Export and has an Estimated Annual Consumption effective on the Settlement Day and the Metering System energisation status is determined to be 'energised' by reference to data provided by the relevant SMRA, count the number of Settlement Registers within such Unmetered Supply and/or Unmetered Export as contributing towards the value of Number of Non Half Hourly Unmetered Metering Systems Contributing To The Total Estimated Annual Consumption (NMUE<sub>HZLPR</sub>) and the provisions of paragraphs 4.4.12 and 4.4.13 shall apply and the provisions of paragraphs 4.4.7 to 4.4.11 (inclusive) and 4.4.14 to 4.4.16 (inclusive) shall not apply to such Unmetered Supply and/or Unmetered Export;
- (f) if such Metering System "K" is classified as an Unmetered Supply and does not have a valid Unmetered Supply Certificate effective on the Settlement Day and/or is classified as relating to an Unmetered Export and does not have an Estimated Annual Consumption effective on the Settlement Day and the Metering System energisation status is determined to be 'energised' by reference to data provided by the relevant SMRA, or if such Metering System "K" is classified as an Unmetered Supply and/or relating to an Unmetered Export and has an Annualised Advance effective for such Settlement Day, count the number of Settlement Registers within such Unmetered Supply and/or Unmetered Export as contributing towards the value of Number Of

Non Half Hourly Unmetered Metering Systems Requiring A Default Estimated Annual Consumption (N<sub>MUDE<sub>HZLPR</sub></sub>) and the provisions of paragraph 4.4.14 and 4.4.16 shall apply and the provisions of paragraphs 4.4.7 to 4.4.13 (inclusive) and 4.4.15 shall not apply to such Unmetered Supply and/or Unmetered Export;

- (g) if such metered Metering System "K" has a value of Annualised Advance with an Effective From Settlement Date and an Effective To Settlement Date between or, as the case may be, on which such Settlement Day falls, and that value is equal to zero for all Settlement Registers within the Metering System, and the Metering System energisation status is determined to be 'de-energised' by reference to data provided by the relevant SMRA, not count the number of Settlement Registers within such Metering System as contributing towards any of the values set out in this paragraph 4.4.4 and the provisions of paragraphs 4.4.7 to 4.4.16 (inclusive) shall not apply to such Metering System;
- (h) if such metered Metering System "K" does not have a value of Annualised Advance which is effective for such Settlement Day but does have an Estimated Annual Consumption which is effective for such Settlement Day and the Metering System energisation status is determined to be 'de-energised' by reference to data provided by the relevant SMRA, not count the number of Settlement Registers within such Metering System as contributing towards any of the values set out in this paragraph 4.4.4 and the provisions of paragraphs 4.4.7 to 4.4.16 (inclusive) shall not apply to such Metering System;
- (i) if such Metering System "K" is classified as an Unmetered Supply and has a valid Unmetered Supply Certificate which is effective for such Settlement Day and/or is classified as relating to an Unmetered Export and has an Estimated Annual Consumption effective on the Settlement Day and the Metering System energisation status is determined to be 'de-energised' by reference to data provided by the relevant SMRA, not count the number of Settlement Registers within such Metering System as contributing towards any of the values set out in this paragraph 4.4.4 and the provisions of paragraphs 4.4.7 to 4.4.16 (inclusive) shall not apply to such Metering System;
- (j) if such metered Metering System "K" does not have a value of Annualised Advance or a value of Estimated Annual Consumption which is effective for such Settlement Day and the Metering System energisation status is determined to be 'de-energised' by reference to data provided by the relevant SMRA, not count the number of Settlement Registers within such Metering System as contributing towards any of the values set out in this paragraph 4.4.4 and the provisions of paragraphs 4.4.7 to 4.4.16 (inclusive) shall not apply to such Metering System; or
- (k) if such Metering System "K" is classified as an Unmetered Supply and does not have a valid Unmetered Supply Certificate or an Annualised Advance effective for such Settlement Day and/or is classified as relating to an Unmetered Export that does not have an Effective Annual Consumption or an Annualised Advance effective for such Settlement Day and the Metering System energisation status is



determined to be 'de-energised' by reference to data provided by the relevant SMRA, not count the number of Settlement Registers within such Metering System as contributing towards any of the values set out in this paragraph 4.4.4 and the provisions of paragraphs 4.4.7 to 4.4.16 (inclusive) shall not apply to such Metering System.

*Amend paragraphs 4.4.12, 4.4.13 and 4.4.14 as follows;*

- 4.4.12 Each Supplier shall ensure that each of its Non Half Hourly Data Aggregators shall determine the Value of Estimated Annual Consumption for Non Half Hourly Unmetered Metering Systems ( $UE_{H\bar{Z}LPR}$ ) for such Supplier's Unmetered Supplies and/or Unmetered Exports for which such Non Half Hourly Data Aggregator is responsible for each Settlement Class "HLPR" within such Supplier "Z" according to the following formula:

$$UE_{H\bar{Z}LPR} = \sum_{K}^{H\bar{Z}LPR} EAC_{KR}$$

- 4.4.13 Each Supplier shall ensure that each of its Non Half Hourly Data Aggregators shall determine the value of  $NMUE_{H\bar{Z}LPR}$  for each Settlement Class "HLPR" within such Supplier "Z" as equal to the number of such Supplier's Unmetered Supplies and/or Unmetered Exports for which such Non Half Hourly Data Aggregator is responsible for such Settlement Class for which there is a value of Estimated Annual Consumption.

- 4.4.14 Each Supplier shall ensure that each of its Non Half Hourly Data Aggregators shall determine the value of  $NMUDE_{H\bar{Z}LPR}$  for each Settlement Class "HLPR" within such Supplier "Z" as equal to the number of such Supplier's Unmetered Supplies and/or Unmetered Export for which such Non Half Hourly Data Aggregator is responsible for such Settlement Class for which there is no value of Estimated Annual Consumption, and which therefore require a value of Default Estimated Annual Consumption For Unmetered Metering Systems ( $DEU_{H\bar{Z}LPR}$ ) to be determined pursuant to paragraph 4.4.16.

*Amend paragraph 4.4.16 as follows:*

- 4.4.16 Each Supplier shall ensure that each of its Non Half Hourly Data Aggregators shall determine the value of Default Estimated Annual Consumption For Unmetered Metering Systems ( $DEU_{H\bar{Z}LPR}$ ) for such Supplier's Unmetered Supplies and/or Unmetered Export for which such Non Half Hourly Data Aggregator is responsible and for which there is no Certificate of Supply for each Settlement Class "HLPR" within such Supplier "Z" according to the following formulae:

if  $NMUE_{H\bar{Z}LPR} > TP$  then:

$$DEU_{H\bar{Z}LPR} = (UE_{H\bar{Z}LPR}) / (NMUE_{H\bar{Z}LPR});$$

but in all other cases:

$$DEU_{H\bar{Z}LPR} = GGPCDEAC_{HP} * AFYC_{HPR}$$

## **Section X, Annex X-1 General Glossary (version 37)**

*Amend the definition of Metering Point as follows:*

**"Metering Point":**

means the point, determined according to the principles and guidance given at schedule 9 of the Master Registration Agreement, at which a supply to (export) or from (import) a Distribution System:

- (i) is or is intended to be measured; or
- (ii) where metering equipment has been removed, was or was intended to be measured; or
- (iii) in the case of an Unmetered Supply, is deemed to be measured; or-
- (iv) in the case of an Unmetered Export, is deemed to be measured.

where in each case such measurement is for the purposes of ascertaining the Supplier's Settlement liabilities under the Code;

*Insert new defined term for Small Scale Third Party Generating Plant Limit after the definition for the term Small Scale Third Party Generating Plant as follows*

**"Small Scale Third Party Generating Plant Limit":**

means the quantity established in accordance with Section L1.5;

*Insert new defined terms for Unmetered Export, Unmetered Export Agent and Unmetered Export Registration after the definition for term TU BM Unit(s) as follows:*

**"Unmetered Export":**

means the Export of electricity from the relevant Unmetered Small Scale Third Party Generating Plant (as that term is defined in Section S9) for the time being registered in an Unmetered Export Registration;

**"Unmetered Export Agent":**

means the BSC Agent for Unmetered Exports in accordance with Section E;

**"Unmetered Export Registration":**

has the meaning given to that term in Section S9;

**Section X, Annex X-2 Technical Glossary Table X-6 Definitions applying to Section S (version 25)**

*Insert new expression Annual Export in Table X-6 after expression Analysis Class as follows:*

<u>Annual Export</u>	<u>AE</u>		<u>Has the meaning given to that term in Section S9.</u>	
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*Amend the expression Default Estimated Annual Consumption for Unmetered Metering System as follows:*



Default Estimated Annual Consumption For Unmetered Metering Systems	DEU <sub>HZLPR</sub>	kWh	The value of Estimated Annual Consumption determined for an Unmetered Supply <u>or an Unmetered Export</u> pursuant to paragraph 4.4 of Annex S-2.
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*Amend the expression Measurement Class as follows:*

Measurement Class			<p>A classification of Metering Systems which indicates how Consumption is measured</p> <p>i.e. Non Half Hourly Metering Equipment (equivalent to Measurement Class “A”)</p> <p>Non Half Hourly Unmetered Supplies <u>or Unmetered Exports</u> (equivalent to Measurement Class “B”)</p> <p>Half Hourly Metering Equipment at above 100kW Premises (equivalent to Measurement Class “C”)</p> <p>Half Hourly Unmetered Supplies (equivalent to Measurement Class “D”)</p> <p>Half Hourly Metering Equipment at below 100kW Premises (equivalent to Measurement Class “E”).</p>
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*Amend the expression Number of Non Half Hourly Unmetered Metering Systems Contributing to the Total Estimated Annual Consumption as follows:*

Number Of Non Half Hourly Unmetered Metering Systems Contributing To The Total Estimated Annual Consumption	NMUE <sub>HZLPR</sub>	Number	The number of non half hourly Settlement Registers within Unmetered Supplies <u>and Unmetered Exports</u> contributing to Total Estimated Annual Consumption, the value of which is <u>determined</u> pursuant to paragraph 4.4 of Annex S-2.
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*Amend the expression Number of Non Half Hourly Unmetered Metering Systems Requiring a Default Estimated Annual Consumption as follows:*

Number Of Non Half Hourly Unmetered Metering Systems Requiring A Default Estimated Annual Consumption	NMUDE <sub>HZLPR</sub>	Number	The number of non half hourly Settlement Registers within Unmetered Metering System <u>or Unmetered Export Registration</u> without an Estimated Annual Consumption and which therefore require a Default Estimated Annual Consumption to be determined, the value of which is maintained pursuant to paragraph 4.4 of Annex S-2.
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*Insert new expression Small Scale Third Party Generating Plant Capacity in Table X-6 after expression Shared Suppliers Metering System Metered Consumption as follows:*

<u>Small Scale Third Party Generating Plant Capacity or “SSTPGP Capacity”</u>	<u>SC</u>		<u>Has the meaning given to that term in Section S9.</u>
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Insert new expression Unmetered Export Factor in Table X-6 after the expression Unadjusted Interval as follows:

<u>Unmetered Export Factor</u>	<u>UEF</u>		<u>Has the meaning given to that term in Section S9.</u>
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Amend expression Value of Estimated Annual Consumption for Non Half Hourly Unmetered Metering Systems as follows:

Value Of Estimated Annual Consumption For Non Half Hourly Unmetered Metering Systems	UE <sub>HZLPR</sub>	KWh	The value of Estimated Annual Consumption for non half hourly Settlement Registers within Unmetered Supplies <u>and Unmetered Exports</u> , the value of which is maintained pursuant to paragraph 4.4 of Annex S-2.
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#### **Section X, Annex X-2 Technical Glossary Table X-7 Acronyms applying to Section S (version 25)**

Insert new acronym AE in Table X-7 after acronym ABMMMC<sub>iaNLKj</sub> as follows:

<u>AE</u>	<u>Annual Export</u>
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Insert new acronym SC in Table X-7 after acronym S as follows:

<u>SC</u>	<u>Small Scale Third Party Generating Plant Capacity or SSTPGP Capacity</u>
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Insert new acronym UEF in Table X-7 after acronym UAFYC<sub>HPR</sub> as follows:

<u>UEF</u>	<u>Unmetered Export Factor</u>
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#### **Section X, Annex X-2 Technical Glossary Table X-8 List of Valid Consumption Component Classes (version 25)**

Insert new valid Consumption Component Classes at Consumption Component Class Id 36 and 37 as follows:

Consumption Component Class Id	Measurement Quantity Id	Data Aggregation Type	Metered/Unmetered Indicator	Consumption Component Indicator	Actual/Estimated Indicator	AA/EAC Indicator	Consumption Level Indicator
<u>36</u>	<u>AE</u>	<u>N</u>	<u>U</u>	<u>C</u>	<u>E</u>	<u>E</u>	<u>E</u>
<u>37</u>	<u>AE</u>	<u>N</u>	<u>U</u>	<u>L</u>	<u>E</u>	<u>E</u>	<u>E</u>

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