

MODIFICATION PROPOSAL**SECTION C** (version 5.0 including all Approved Modifications awaiting implementation)

Add new paragraph 9 as follows:

9. PROVISION OF PROFILE ADMINISTRATION SERVICES BY BSCCO**9.1 Timing and duration of provision of services**

9.1.1 Subject to the further provisions of this paragraph 9, BSCCo may, from time to time, provide (directly and/or via a subcontractor) the services set out in paragraph S4.2 (the “Profile Administration Services”).

9.1.2 Where the Profile Administration Services are provided by BSCCo, they are provided in its capacity as BSCCo and not as a BSC Agent.

9.1.3 For the duration of any period where BSCCo provides the Profile Administration Services, Section E shall not apply in respect of the provision of those services.

9.1.4 For the duration of any period where BSCCo provides the Profile Administration Services, the following provisions of paragraph S4 shall be deemed to have been amended as follows:

(a) paragraph S4.2.1(f) shall not apply;

(b) paragraph S4.2.2 shall read:

BSCCo shall prepare a set of Regression Coefficients, Group Average Annual Consumption values and Profile Coefficients for each BSC Year on or before 30th November before the beginning of the relevant BSC Year, using data collected from the load research programme carried out by it or its appointee, augmented with data provided by Suppliers which is consistent with the overall sample design;

(c) paragraph S4.2.3 shall read:

BSCCo shall prepare:

(a) on a quarterly basis, a breakdown by GSP Group of each Profile Class sample, together with a statement of the daily average number of customers for which monitoring equipment has been successfully installed and commissioned for each Profile Class in respect of the previous quarter (a quarter being a period of 3 months commencing on 1st January, 1st April, 1st July and 1st October in any year); and

(b) an annual report and data analysis plan (in such form as may be specified by the Panel) setting out what load research data it proposes to use, together with a load research plan (in such form as the Panel shall specify) setting out the proposed sample design and sample sizes in respect of the following BSC Year; and

(d) for the purposes of paragraph S4.2.4 “Profile Administrator” shall be read as “BSCCo”.

9.1.5 At any time whilst carrying out or preparing to carry out the Profile Administration Services, BSCCo may elect to appoint subject to and in accordance with Section E another person to carry out those services as the Profile Administrator.

SECTION E (version 2.0 including all Approved Modifications awaiting implementation)

Amend paragraph 1.2 as follows:

1.2 BSC Agents

- 1.2.1 The person for the time being appointed for the purposes of providing the services specified in a BSC Service Description is a BSC Agent. This does not include BSCCo where BSCCo provides the Profile Administration Services.
- 1.2.2 Subject to paragraph 1.2.3, a person may be appointed to act in the capacity of more than one BSC Agent.
- 1.2.3 The same person may be appointed to act as BSC Auditor and as Certification Agent, but subject thereto the person appointed as BSC Auditor and the person appointed as Certification Agent shall not be appointed in the capacity of any other BSC Agent.
- 1.2.4 A Party shall not be appointed as a BSC Agent.
- 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
Certification	Certification Agent	-
TLF Determination	Transmission Loss Factor Agent	TLFA

- 1.2.6 It is acknowledged that at the Code Effective Date separate persons are appointed as TAA in relation respectively to CVA Metering Systems and to SVA Metering Systems, and references to the TAA in the Code shall be construed accordingly.

SECTION X

Annex X-1 (version 14.0 including all Approved Modifications awaiting implementation)

Add the following definitions to Annex X-1:

“Profile Administration Services”: shall have the meaning given in paragraph C9.1;

Annex X-2 (version 13.0 including all Approved Modifications awaiting implementation)

Amend paragraph 5.1.4 as follows:

- 5.1.4 The SVAA shall procure the following data from the Profile Administrator (or from BSCCo where BSCCo provides the Profile Administration Services in accordance with paragraph C9) and the SVAA shall ensure that processes are put in place which ensure that such data are input promptly into the Supplier Volume Allocation System:

- (a) Matrix Of Regression Coefficients - $MRC_{Q(aa)(nn)j}$; and
- (b) Group Average Annual Consumption - $GAAC_{HQ}$.

Amend paragraph 6.5.3 as follows:

- 6.5.3 In respect of each Profile "Q" of each Profile Class "P" within a GSP Group "H", the SVAA shall determine a set of Basic Period Profile Coefficients (PHQj) as set out in paragraphs (a) to (f) (inclusive):

- (a) for the purposes of this paragraph the values of $MRCQ(aa)(nn)j$ are the values of the Matrix of Regression Coefficients supplied for the time being and from time to time by the Profile Administrator (or by BSCCo where BSCCo provides the Profile Administration Services in accordance with paragraph C9) where the subscript "(nn)" represents individual values of $MRCQ(aa)(nn)j$ and such subscript takes values between 0 and 7 inclusive;
- (b) for the avoidance of doubt and for the purpose of this paragraph 6.5 the subscript "j" represents Settlement Periods of the Settlement Day. In both of the cases (i) and (ii), the number of Settlement Periods in respect of which values of $MRCQ(aa)(nn)j$ are supplied by the Profile Administrator (or BSCCo where BSCCo provides the Profile Administration Services in accordance with paragraph C9) may not correspond to the number of Settlement Periods in the Settlement Day under consideration. In such cases the values of $MRCQ(aa)(nn)j$ supplied shall be employed in the determination of values of Basic Period Profile

Coefficient (PHQ_j) pursuant to this paragraph 6.5. Such values of Basic Period Profile Coefficient shall subsequently be allocated to specific Settlement Periods of the Settlement Day under consideration:

- (i) in the case of a Baseload Profile and when there is Clock Change on the Settlement Day under consideration only, such allocation shall be made pursuant to paragraph 6.5.4; or
 - (ii) in the case of a Profile associated with switched load such allocation shall be made pursuant to paragraph 6.6. For the avoidance of doubt, in this case (ii) such allocation may not result in a value of Basic Period Profile Coefficient for every Settlement Period in the Settlement Day;
- (c) the Regression Coefficients (RCQ_{(nn)j}) shall be determined as equal to the value of those coefficients MRCQ_{(aa)(nn)j} which apply in respect of the Analysis Class "(aa)" relevant to the given Settlement Day and in respect of the relevant Profile "Q";
- (d) for the avoidance of doubt, a value of RCQ_{(nn)j} shall not be determined pursuant to paragraph (c) and shall not be set to zero in respect of any Settlement Period "j" for which a value of MRCQ_{(aa)(nn)j} is not defined. This paragraph (d) shall also apply *mutatis mutandis* in respect of the determinations of values of Estimated Regional Average Demand Per Customer (\bar{y}_{HQj}) and Basic Period Profile Coefficient pursuant to paragraphs (e) and (f);
- (e) the Estimated Regional Average Demand Per Customer (\bar{y}_{HQj}) shall be determined as:

$$\bar{y}_{HQj} = RC_{Q0j} + (RC_{Q1j} * Mon_T) + (RC_{Q2j} * Wed_T) + (RC_{Q3j} * Thu_T) + (RC_{Q4j} * Fri_T) + (RC_{Q5j} * NET_H) + (RC_{Q6j} * S_H) + (RC_{Q7j} * (S_H)^2);$$

where $Mon_T = 1$ if Settlement Day "D" is a Monday or in any other case $Mon_T = 0$; and

Wed_T , Thu_T and Fri_T are determined *mutatis mutandis* to Mon_T but as if references to Settlement Day "D" were to a Wednesday, a Thursday or, as the case may be, a Friday; and

- (f) in respect of each value of Estimated Regional Demand Per Customer determined pursuant to paragraph (e) a value of Basic Period Profile Coefficient (PHQ_j) shall be determined as:

$$P_{HQj} = \max(\bar{y}_{HQj} / (GAAC_{HQ} * 2000), 0)$$

where $GAAC_{HQ}$ is the Group Average Annual Consumption procured, for the time being and from time to time, from the Profile Administrator (or from BSCCo where BSCCo provides the Profile Administration Services in accordance with paragraph C9) pursuant to paragraph 5.1.4.