

P176 Legal Text

ANNEX S-2 (version 10 23 February 2005)

Amend paragraph 4.3 as follows:

- 4.3.1 Each Supplier shall ensure that each of its Non Half Hourly Data Collectors shall in respect of each of the Supplier's metered Metering Systems "K" for which such Non Half Hourly Data Collector is responsible and which are not subject to half hourly metering:
- (a) collect the Metered Data in accordance with BSCP 504;
 - (b) check the Metered Data and provide reports in accordance with BSCP 504;
 - (c) enter the Metered Data in kWh into the relevant data collection system and calculate Meter Advance values;
 - (d) receive Daily Profile Coefficients from the SVAA;
 - (e) investigate reports on inconsistencies in Estimated Annual Consumption and Annualised Advance data provided by the relevant Non Half Hourly Data Aggregators;
 - (f) update standing data entries, provided by the relevant Supplier or, as the case may be, by the SVAA, and Meter Technical Details, as provided by the relevant Meter Operator, to the relevant data collection system to take account of new information;
 - (g) determine Estimated Annual Consumption (EAC_{KR}) data and Annualised Advance (AA_{KR}) data pursuant to this paragraph 4.3;
 - (h) provide the Annualised Advance data, their Effective From Settlement Date and Effective To Settlement Date, the Estimated Annual Consumption data and their Effective From Settlement Date, and Metering System details to the relevant Non Half Hourly Data Aggregators; and
 - (i) provide the validated Metered Data and Metering System reports to the relevant Supplier and the relevant Distribution System Operator.
- 4.3.2 Each Supplier shall ensure that for each metered Metering System "K" for which it is responsible, the Non Half Hourly Data Collector responsible for such Metering System shall calculate Meter Advance values ($MADV_{KR}$) for each Settlement Register and, for this purpose, the provisions of paragraphs 4.3.3 to 4.3.8 (inclusive) shall apply, except in the cases where:
- (a) such Non Half Hourly Data Collector is supplied with an initial value of Estimated Annual Consumption (EAC_{KR}) together with its Effective From Settlement Date for such Settlement Register (such date being the Settlement Day on which the event giving rise to the actions taken pursuant to this paragraph (a) occurs), which such Supplier undertakes to supply in the event that:
 - (i) the Profile Class "P" of such Metering System "K" changes, in which case the provisions of paragraphs 4.3.9 and 4.3.10 only shall apply;

- (ii) such Metering System "K" is registered as a new metered Metering System (and for which a Meter Advance has not yet been calculated) in which case the provisions of paragraph 4.3.11 shall apply;
 - (iii) the physical meter for such metered Metering System "K" changes or, as the case may be, is reconfigured, in which case the provisions of paragraphs 4.3.12 ~~to 4.3.17 (inclusive)~~ shall apply;
- (b) such Non Half Hourly Data Collector is notified of a change of Supplier for such metered Metering System for which a Meter Advance Period as described in paragraphs 4.3.13 or 4.3.14 is available, in which case:
- (i) if the metered Metering System "K" is not subject to half hourly metering on the Settlement Day of the change of Supplier, then the provisions of paragraphs ~~4.3.18 4.3.13 to 4.3.20 (inclusive)~~ shall apply; or
 - (ii) if the metered Metering System "K" is subject to half hourly metering on the Settlement Day of the change of Supplier, then the provisions of paragraphs ~~4.3.14 4.3.23 to 4.3.24 (inclusive)~~ shall apply;
- (c) BSCP 504 provides that such Non Half Hourly Data Collector shall and, in particular circumstances, may, calculate a Deemed Meter Advance, in which case:
- (i) such Non Half Hourly Data Collector must comply with the provisions of BSCP 504; and
 - (ii) the provisions of paragraphs 4.3.15 to 4.3.17 shall apply
- provided that prior to calculating a Deemed Meter Advance the Non Half Hourly Data Collector shall, in all circumstances, make reasonable endeavours to calculate a Meter Advance including taking any steps specified in BSCP 504.
- ~~(i) such Non Half Hourly Data Collector has submitted to the Non Half Hourly Data Aggregator responsible for such Metering System an Estimated Annual Consumption (EAC_{KR}) in respect of such Metering System for inclusion in a Final Reconciliation Volume Allocation Run in respect of a Settlement Day but has not so submitted an Annualised Advance (AA_{KR}) in respect of such Metering Systems for inclusion in such Final Reconciliation Volume Allocation Run; and~~
 - ~~(ii) the Meter Advance Period associated with the Meter Advance values calculated pursuant to this paragraph 4.3.2 for such Metering System "K" includes one or more of the Settlement Days identified in paragraph (c)(i) above;~~
- ~~in which case the provisions of paragraph 4.3.21 shall apply.~~

4.3.3 Each Supplier shall ensure that, for each Meter Advance (MADV_{KR}), for each such Supplier's metered Metering System "K", the relevant Non Half Hourly Data Collector responsible for such Metering System shall calculate the Fraction Of Yearly Consumption (FYC_{KR}) for the Meter Advance Period for each Settlement Register according to the following formula:

$$FYC_{KR} = \sum_T DPC_{HPRT}$$

where $\sum_T DPC_{HPRT}$ is the sum of the individual Daily Profile Coefficients appropriate to the GSP Group "H", Time Pattern Regime and Standard Settlement Configuration "R" and Profile Class "P" applying to the Metering System on each Settlement Day in the Meter Advance Period as provided by the SVAA and provided pursuant to paragraph 6.8 or paragraph 5.1.7 as applicable.

- 4.3.4 Each Supplier shall ensure that a value of Annualised Advance shall be determined from each Meter Advance by the relevant Non Half Hourly Data Collector responsible for each such Supplier's metered Metering System "K" for each Settlement Register within such Metering System according to the following formula:

if $FYC_{KR} \neq 0$ then:

$$AA_{KR} = MADV_{KR} / FYC_{KR}$$

where $MADV_{KR}$ is the Meter Advance obtained by the relevant Non Half Hourly Data Collector for the same Meter Advance Period as employed in the determination of the Fraction of Yearly Consumption pursuant to paragraph 4.3.3;

but if $FYC_{KR} = 0$ then

$$AA_{KR} = 0$$

and the Effective From Settlement Date for each such value of Annualised Advance shall be the date of the first Settlement Day in the Meter Advance Period and the Effective To Settlement Date for each such value of Annualised Advance shall be the date of the last Settlement Day in the Meter Advance Period. Such values so determined shall replace any previous Annualised Advance, Effective From Settlement Date and Effective To Settlement Date determined for such Settlement Days.

- 4.3.5 NOT USED.

- 4.3.6 Each Supplier shall ensure that for each of its metered Metering Systems "K", a value for the Estimated Annual Consumption (EAC_{KR}) shall be determined by the relevant Non Half Hourly Data Collector responsible for such Metering System for each Settlement Register according to the formulae set out in paragraph 4.3.7.

- 4.3.7 For the purposes of this paragraph 4.3.7 the Previous Estimated Annual Consumption ($PEAC_{KR}$) shall be defined as the effective value of EAC_{KR} for each Settlement Day in the Meter Advance Period which applies before a new value is determined in accordance with this paragraph. An Annualised Advance Adjustment Factor ($AAAF_{KR}$) and a new Estimated Annual Consumption shall be determined as follows using the value of Annualised Advance determined pursuant to paragraph 4.3.4:

(a) $AAAF_{KR} = \max(0, \min((FYC_{KR} * SPAR), 1.0))$; and

(b) $EAC_{KR} = AAAF_{KR} * AA_{KR} + (1 - AAAF_{KR}) * PEAC_{KR}$

where SPAR is the value of the Smoothing Parameter set from time to time by the Panel applicable on the last Settlement Day of the Meter Advance Period. The Effective From Settlement Date for each such value of Estimated Annual Consumption shall be the date of the Settlement Day following the last Settlement Day of the Meter Advance Period and shall replace any previous Estimated Annual Consumption effective on such Settlement Days.

- 4.3.8 Each Supplier shall ensure that for each of its metered Metering Systems "K" the Non Half Hourly Data Collector responsible for such Metering System shall provide the Annualised

Advance and Effective From Settlement Date and Effective To Settlement Date, Estimated Annual Consumption and Effective From Settlement Date for each Settlement Register determined pursuant to paragraphs 4.3.4 and 4.3.7 to the relevant Non Half Hourly Data Aggregator responsible for such Metering System.

- 4.3.9 In the case where the Profile Class "P" of a metered Metering System "K" changes and the Settlement Day from which the change of Profile Class is effective does not fall in a Meter Advance Period, the Supplier responsible for such Metering System shall ensure that the Non Half Hourly Data Collector responsible for such Metering System shall for each Settlement Register provide (without adjustment) the initial value of Estimated Annual Consumption provided pursuant to paragraph 4.3.2(a) and its Effective From Settlement Date to the relevant Non Half Hourly Data Aggregator responsible for such Metering System. Such value shall on the Settlement Days it is effective replace the previous Estimated Annual Consumption effective on such Settlement Days. Once a Meter Advance has been calculated such that such change of Profile Class falls within such Meter Advance Period, the provisions of paragraph 4.3.10 shall apply to such Meter Advance.
- 4.3.10 In the case where the Profile Class "P" of a metered Metering System "K" changes and the date of the Settlement Day from which the new Profile Class takes effect falls in a Meter Advance Period, then the Supplier responsible for such Metering System shall ensure that the Non Half Hourly Data Collector responsible for such Metering System shall:
- (a) determine the value of Annualised Advance for each Settlement Register pursuant to the provisions of paragraphs 4.3.3 to 4.3.4 (inclusive);
 - (b) not determine a value of Estimated Annual Consumption for any Settlement Register within such Metering System "K" and shall not set such value of Estimated Annual Consumption to zero;
 - (c) provide the value of Annualised Advance so calculated together with its Effective From Settlement Date and Effective To Settlement Date and send unadjusted the initial value of Estimated Annual Consumption provided pursuant to paragraph 4.3.2(a) and its Effective From Settlement Date to the relevant Non Half Hourly Data Aggregator responsible for such Metering System.
- 4.3.11 In the case where a metered Metering System "K" is a new Metering System for which a Meter Advance has not yet been calculated the Supplier responsible for such Metering System shall ensure that the Non Half Hourly Data Collector responsible for such Metering System shall set the value of Estimated Annual Consumption to be equal to the value of initial Estimated Annual Consumption provided by such Supplier pursuant to paragraph 4.3.2(a) for each Settlement Register and that such Non Half Hourly Data Collector shall pass such value unadjusted to the relevant Non Half Hourly Data Aggregator responsible for such Metering System. The Effective From Settlement Date for such Estimated Annual Consumption shall be the Settlement Day on which such Metering System is first energised, as determined from data provided by the relevant SMRA by reference to its Supplier Meter Registration Service system. The Supplier shall ensure that the relevant Non Half Hourly Data Collector shall not determine a value of Annualised Advance for such Settlement Register and shall not set the value of Annualised Advance to zero until a Meter Advance has been calculated. Once a Meter Advance has been calculated for such new metered Metering System, the provisions of paragraphs 4.3.3 to 4.3.8 (inclusive) shall apply.
- 4.3.12 In the case where for a metered Metering System "K" the physical meter changes or, as the case may be, is reconfigured, concurrently with a change to the associated Standard Settlement Configuration "C" and there is a Meter Advance Period ending on the Settlement Day before the physical meter changes or, as the case may be, is reconfigured, the Supplier

responsible for such Metering System shall ensure that the Non Half Hourly Data Collector responsible for such Metering System shall determine the values of Annualised Advance and Estimated Annual Consumption for each old Settlement Register pursuant to paragraphs 4.3.3 to 4.3.7 (inclusive) and shall provide the Annualised Advance data together with its Effective From Settlement Date and Effective To Settlement Date for such old Settlement Register and, unadjusted, the initial Estimated Annual Consumption together with its Effective From Settlement Date provided by such Supplier pursuant to paragraph 4.3.2(a) for each new Settlement Register to the relevant Non Half Hourly Data Aggregator responsible for such Metering System. Such Non Half Hourly Data Collector shall not be obliged, however, to provide the Estimated Annual Consumption for the old Settlement Register determined pursuant to paragraph 4.3.7 to the relevant Non Half Hourly Data Aggregator responsible for such Metering System.

~~4.3.18~~ 4.3.13

The provisions of this paragraph ~~4.3.18-13~~ shall apply in the case where there is a Meter Advance Period ending on the Settlement Day before there is a change of Supplier for a metered Metering System "K" and the metered Metering System "K" is not subject to half hourly metering on the Settlement Day of the change of Supplier. For this purpose a Meter Advance Period shall end, or as the case may be, shall be deemed to end on such Settlement Day before the change of Supplier in accordance with BSCP 504. In this case:

- (a) the old Supplier shall ensure that its Non Half Hourly Data Collector responsible for such Metering System shall:
 - (i) in accordance with BSCP 504 provide the Estimated Annual Consumption for each Settlement Register for such Metering System effective on such Settlement Day to the new Supplier's Non Half Hourly Data Collector responsible for such Metering System;
 - (ii) determine the values of Annualised Advance and Estimated Annual Consumption for each Settlement Register for such Metering System pursuant to paragraphs 4.3.3 to 4.3.7 (inclusive) where the Previous Estimated Annual Consumption shall be that value provided pursuant to paragraph (i) above; and
 - (iii) provide the value of Annualised Advance for each Settlement Register together with its Effective From Settlement Date and Effective To Settlement Date determined pursuant to paragraph (ii) above, which values shall be attributable to the old Supplier, to the old Supplier's relevant Non Half Hourly Data Aggregators responsible for such Metering System; and
- (b) the new Supplier shall ensure that its Non Half Hourly Data Collector responsible for such Metering System shall:
 - (i) determine the values of Annualised Advance and Estimated Annual Consumption for each Settlement Register for such Metering System pursuant to paragraphs 4.3.3 to 4.3.7 (inclusive) where the Previous Estimated Annual Consumption shall be that value provided by the old Supplier's Non Half Hourly Data Collector pursuant to paragraph (a) above; and
 - (ii) provide the value of Estimated Annual Consumption for each Settlement Register together with its Effective From Settlement Date determined pursuant to paragraph (i) above, which values shall be attributable to the new Supplier, to such Supplier's relevant Non Half Hourly Data Aggregators responsible for such Metering System.

~~4.3.23~~ 4.3.14 The provisions of this paragraph 4.3.~~23~~14 shall apply in the case where there is a Meter Advance Period ending on the Settlement Day before there is a change of Supplier for a metered Metering System "K", and the metered Metering System "K" is subject to half hourly metering on the Settlement Day of the change of Supplier. For this purpose a Meter Advance Period shall end, or as the case may be, shall be deemed to end on the Settlement Day before the change of Supplier in accordance with BSCP 504. In this case, the old Supplier shall ensure that its Non Half Hourly Data Collector responsible for such Metering System shall:

- (a) determine the values of Annualised Advance and Estimated Annual Consumption for each Settlement Register for such Metering System pursuant to paragraphs 4.3.3 to 4.3.7 (inclusive); and
- (b) provide the value of Annualised Advance for each Settlement Register together with its Effective From Settlement Date and Effective To Settlement Date determined pursuant to paragraph (a) above, which values shall be attributable to the old Supplier, to the old Supplier's relevant Non Half Hourly Data Aggregators responsible for such Metering System.

Add the following paragraphs as follows:

4.3.15 Each Supplier shall ensure that for any metered Metering System "K" for which it is responsible and for which BSCP 504 provides that a Deemed Meter Advance must or could be calculated for a Deemed Meter Advance Period such Deemed Meter Advance may (where BSCP 504 provides that it may) and shall (where BSCP 504 provides it must) be calculated for each Settlement Register in accordance with the following formulae:

- (a) Where BSCP 504 provides that the Deemed Meter Advance shall be calculated using an Estimated Annual Consumption:

$$DMA_{KR} = \sum_T (DPC_{HPRT} * EAC_{KR})$$

where:

$\sum_T DPC_{HPRT}$ is the sum of the individual Daily Profile Coefficients appropriate to the GSP Group, Time Pattern Regime, Standard Settlement Configuration and Profile Class applying to the Metering System on each Settlement Day in the applicable Deemed Meter Advance Period as set out in BSCP 504.

- (b) Where BSCP 504 provides that the Deemed Meter Advance shall be calculated using an Annualised Advance:

$$DMA_{KR} = \sum_T (DPC_{HPRT} * AA_{KR})$$

where:

$\sum_T DPC_{HPRT}$ is the sum of the individual Daily Profile Coefficients appropriate to the GSP Group, Time Pattern Regime, Standard Settlement Configuration and Profile Class applying to the Metering System on each Settlement Day in the applicable Deemed Meter Advance Period as set out in BSCP 504.

4.3.16 Where a Deemed Meter Advance has been calculated, each Supplier responsible for a metered Metering System "K" shall ensure that the relevant Non Half Hourly Data Collector responsible for such Metering System shall:

- ~~(a) determine values of Annualised Advance and Estimated Annual Consumption for each Settlement Register pursuant to paragraphs 4.3.3 to 4.3.7 (inclusive) using the value of Deemed Meter Advance determined pursuant to paragraph 4.3.15 in place of the value of Meter Advance and substituting the Meter Advance Period with the applicable Deemed Meter Advance Period as described in BSCP 504; and~~
- ~~(b) provide the values of Annualised Advance and/or Estimated Annual Consumption and any further data required to be provided in accordance with BSCP 504 to the relevant Non Half Hourly Data Aggregator responsible for such Metering System.~~

~~4.3.17 Where a Meter Advance has been calculated in accordance with BSCP 504 and this has resulted in a new value of Estimated Annual Consumption which is not consistent with the last valid Estimated Annual Consumption or Annualised Advance, as the case may be, then in the circumstances set out in BSCP 504, paragraph 4.3.7(b) shall not apply and the Non Half Hourly Data Collector shall apply a value of Estimated Annual Consumption which is representative of the most likely rate of generation or demand for that Metering System or, where this is not available, a value of initial Estimated Annual Consumption (EAC_{KR}). The Effective From Settlement Date of the value of Estimated Annual Consumption or initial Estimated Annual Consumption described above shall be the day following the end of the Meter Advance Period or Deemed Meter Advance Period, as the case may be.~~

Delete the following paragraphs as follows:

~~4.3.13 In the case where for a metered Metering System "K" the physical meter changes or, as the case may be, is reconfigured concurrently with a change to the associated Standard Settlement Configuration "C" and there is no Meter Advance Period ending on the Settlement Day before the physical meter changes or, as the case may be, is reconfigured, the Supplier responsible for such Metering System shall ensure that the Non Half Hourly Data Collector responsible for such Metering System shall determine a Deemed Meter Advance (DMA_{KR}) for each Settlement Register using the value of Estimated Annual Consumption effective on the Settlement Day prior to the change or, as the case may be, reconfiguration of the physical meter according to the following formula:~~

$$\del{DMA_{KR} = \sum_T (DPC_{HPRT} * EAC_{KR})}$$

~~where $\sum_T DPC_{HPRT}$ is the sum of the individual Daily Profile Coefficients appropriate to the GSP Group, Time Pattern Regime, Standard Settlement Configuration and Profile Class applying to the Metering System on each Settlement Day in the period (the "Deemed Meter Advance Period") from the Settlement Day following the end of the most recent Meter Advance Period to the Settlement Day prior to the Settlement Day on which there is a change or, as the case may be, reconfiguration of the physical meter.~~

~~4.3.14 In the case where paragraph 4.3.13 applies, the Supplier responsible for such Metering System shall ensure that the relevant Non Half Hourly Data Collector responsible for such Metering System shall:~~

- ~~(a) determine values of Annualised Advance and Estimated Annual Consumption for each old Settlement Register pursuant to paragraphs 4.3.3 to 4.3.7 (inclusive) substituting the value of Meter Advance with the value of Deemed Meter~~

~~Advance determined pursuant to paragraph 4.3.13 and substituting the Meter Advance Period with the associated Deemed Meter Advance Period; and~~

- ~~(b) provide such Annualised Advance data together with their Effective From Settlement Date and Effective To Settlement Date for such old Settlement Register and the initial Estimated Annual Consumption provided by such Supplier for each new Settlement Register pursuant to paragraph 4.3.2(a) together with its Effective From Settlement Date, determined as the date of the Settlement Day on which the physical meter changes or, as the case may be, is reconfigured to the relevant Non Half Hourly Data Aggregator responsible for such Metering System. Such Non Half Hourly Data Collector shall not be obliged, however, to provide the Estimated Annual Consumption for such old Settlement Register determined pursuant to paragraph 4.3.7 to the relevant Non Half Hourly Data Aggregator responsible for such Metering System.~~

~~4.3.15 In the case where for a metered Metering System "K" the physical meter changes or, as the case may be, is reconfigured and there is a Meter Advance Period ending on the Settlement Day before the physical meter changes or, as the case may be, is reconfigured but the associated Standard Settlement Configuration "C" does not change, the provisions of paragraphs 4.3.3 to 4.3.8 (inclusive) shall apply.~~

~~4.3.16 In the case where for a metered Metering System "K" the physical meter changes or, as the case may be, is reconfigured and there is not a Meter Advance Period ending on the Settlement Day before the physical meter changes or, as the case may be, is reconfigured and the associated Standard Settlement Configuration "C" does not change, the Supplier responsible for such Metering System shall ensure that the Non Half Hourly Data Collector responsible for such Metering System shall determine a Deemed Meter Advance (DMA_{KR}) for each Settlement Register using the value of Estimated Annual Consumption effective on the Settlement Day prior to the change or, as the case may be, reconfiguration of the physical meter according to the following formula:~~

$$DMA_{KR} = \sum_T (DPC_{HPRT} * EAC_{KR});$$

~~where $\sum_T DPC_{HPRT}$ is the sum of the individual Daily Profile Coefficients appropriate to the GSP Group, Time Pattern Regime, Standard Settlement Configuration and Profile Class applying to the Metering System on each Settlement Day in the period from the Settlement Day following the end of the most recent Meter Advance Period to the Settlement Day prior to the Settlement Day on which there is a change or, as the case may be, reconfiguration of the physical meter which period shall be the Deemed Meter Advance Period.~~

~~4.3.17 In the case where paragraph 4.3.16 applies, the Supplier responsible for such Metering System shall ensure that the relevant Non Half Hourly Data Collector shall determine values of Annualised Advance and Estimated Annual Consumption pursuant to paragraphs 4.3.3 to 4.3.7 (inclusive) substituting the value of Meter Advance ($MADV_{KR}$) with the value of Deemed Meter Advance (DMA_{KR}) determined pursuant to paragraph 4.3.16 and substituting the Meter Advance Period with the Deemed Meter Advance Period and shall provide the Annualised Advance, its Effective From Settlement Date, its Effective To Settlement Date and the Estimated Annual Consumption and its Effective From Settlement Date so determined to the relevant Non Half Hourly Data Aggregator responsible for such Metering System.~~

- ~~(iii) provide the value of Annualised Advance for each Settlement Register together with its Effective From Settlement Date and Effective To Settlement Date determined pursuant to paragraph (ii) above, which values shall be attributable to the old Supplier, to the old Supplier's~~

~~relevant Non Half Hourly Data Aggregators responsible for such Metering System; and~~

- ~~(b) the new Supplier shall ensure that its Non Half Hourly Data Collector responsible for such Metering System shall:~~
- ~~(i) determine the values of Annualised Advance and Estimated Annual Consumption for each Settlement Register for such Metering System pursuant to paragraphs 4.3.3 to 4.3.7 (inclusive) where the Previous Estimated Annual Consumption shall be that value provided by the old Supplier's Non Half Hourly Data Collector pursuant to paragraph (a) above; and~~
 - ~~(ii) provide the value of Estimated Annual Consumption for each Settlement Register together with its Effective From Settlement Date determined pursuant to paragraph (i) above, which values shall be attributable to the new Supplier, to such Supplier's relevant Non Half Hourly Data Aggregators responsible for such Metering System.~~

~~4.3.19 The provisions of this paragraph 4.3.19 shall apply in the case where for a metered Metering System "K" there is a change of Supplier and there is no Meter Advance Period ending, or as the case may be, deemed to end on the Settlement Day before such change of Supplier in accordance with BSCP 504, and the metered Metering System "K" is not subject to half hourly metering on the Settlement Day of the change of Supplier. In this case, in accordance with BSCP 504, a Deemed Meter Advance with an associated Deemed Meter Advance Period ending on the Settlement Day before the change of Supplier based on an Estimated Annual Consumption is required to be determined. In this case:~~

- ~~(a) the old Supplier shall ensure that its Non Half Hourly Data Collector responsible for such Metering System shall, in accordance with BSCP 504, provide the Estimated Annual Consumption for each Settlement Register for such Metering System effective on such Settlement Day together with its Effective From Settlement Date to the new Supplier's Non Half Hourly Data Collector responsible for such Metering System;~~
- ~~(b) the new Supplier shall ensure that its Non Half Hourly Data Collector responsible for such Metering System shall:~~
 - ~~(i) determine a Deemed Meter Advance (DMA_{KR}) for that period from the Effective From Settlement Date provided pursuant to paragraph (a) above to the Settlement Day prior to the Settlement Day on which there is a change of Supplier (in this paragraph 4.3.19 and paragraph 4.3.20, such period being known as the "old Deemed Meter Advance Period") for each Settlement Register for such Metering System according to the following formula:~~

$$DMA_{KR} = \sum_T (DPC_{HPRT} * EAC_{KR});$$

~~where:~~

~~$\sum_T DPC_{HPRT}$ is the sum of the individual Daily Profile Coefficients appropriate to the GSP Group, Time Pattern Regime, Standard Settlement Configuration and Profile Class applying to the Metering System on each Settlement Day in the old Deemed Meter Advance Period as provided by the SVAA pursuant to paragraph 6.8 or paragraph 5.1.7 as applicable; and~~

~~the Estimated Annual Consumption shall be the value effective on the Settlement Day on which the change of Supplier occurs, and as provided to the new Supplier's Non Half Hourly Data Collector pursuant to paragraph (a) above;~~

~~(ii) provide the value of Deemed Meter Advance for each Settlement Register for such Metering System determined pursuant to paragraph (i) above together with the old Deemed Meter Advance Period to the old Supplier's Non Half Hourly Data Collector responsible for such Metering System;~~

~~(iii) determine values of Annualised Advance and Estimated Annual Consumption for each Settlement Register pursuant to paragraphs 4.3.3 to 4.3.7 (inclusive) substituting the value of Meter Advance ($MADV_{KR}$) with the value of Deemed Meter Advance determined pursuant to paragraph (i) above and substituting the Meter Advance Period with the old Deemed Meter Advance Period and where the Previous Estimated Annual Consumption shall be that value provided to the new Supplier's Non Half Hourly Data Collector pursuant to paragraph (a) above; and~~

~~(iv) provide the value of Estimated Annual Consumption for each Settlement Register for such Metering System determined pursuant to paragraph (iii) above together with its Effective From Settlement Date, which values shall be attributable to the new Supplier, to such Supplier's relevant Non Half Hourly Data Aggregators responsible for such Metering System; and~~

~~(e) the old Supplier shall ensure that its Non Half Hourly Data Collector responsible for such Metering System shall:~~

~~(i) determine values of Annualised Advance and Estimated Annual Consumption for each Settlement Register pursuant to paragraphs 4.3.3 to 4.3.7 (inclusive) substituting the value of Meter Advance ($MADV_{KR}$) with the value of Deemed Meter Advance provided by the new Supplier's Non Half Hourly Data Collector pursuant to paragraph (b) above and substituting the Meter Advance Period with the old Deemed Meter Advance Period and where the Previous Estimated Annual Consumption shall be that value provided to the new Supplier's Non Half Hourly Data Collector pursuant to paragraph (a) above; and~~

~~(ii) provide the value of Annualised Advance for each Settlement Register for such Metering System determined pursuant to paragraph (i) above together with its Effective From Settlement Date and Effective To Settlement Date, and which values shall be attributable to the old Supplier, to such old Supplier's relevant Non Half Hourly Data Aggregators responsible for such Metering System.~~

~~4.3.20 The provisions of this paragraph 4.3.20 apply in the case where for a metered Metering System "K" there is a change of Supplier, and the metered Metering System "K" is not subject to half hourly metering on the Settlement Day of the change of Supplier and a Deemed Meter Advance associated with such change of Supplier has been determined pursuant to paragraph 4.3.19; and which, in accordance with BSCP 504, is disputed and therefore requires a new Deemed Meter Advance based on an Annualised Advance to be determined. In this case:~~

~~(a) in accordance with BSCP 504 the new Supplier shall provide to its Non Half Hourly Data Collector responsible for such Metering System, or as the case may be, ensure that such Non Half Hourly Data Collector shall collect, Metered Data for each Settlement Register for such Metering System. Such new Supplier shall ensure that such Non Half Hourly Data Collector shall then:~~

~~(i) calculate a Meter Advance for each Settlement Register for such Metering System employing such Metered Data where the Settlement Day on which the change of Supplier occurs falls in each associated Meter Advance Period;~~

~~(ii) determine values of Annualised Advance and Estimated Annual Consumption for each Settlement Register for such Metering System pursuant to paragraphs 4.3.3 to 4.3.7 (inclusive) employing the appropriate Meter Advance value calculated pursuant to paragraph (i) above where the Meter Advance Period shall be the period associated with such Meter Advance and the Previous Estimated Annual Consumption shall be the value provided pursuant to paragraph 4.3.19(a) for such Settlement Register. Such new values of Annualised Advance and Estimated Annual Consumption shall, on the Settlement Days they are effective, replace any previous values of Annualised Advance and Estimated Annual Consumption effective on such Settlement Days;~~

~~(iii) determine a Deemed Meter Advance (DMA_{KR}) for the old Deemed Meter Advance Period (as such period is defined in paragraph 4.3.19) for each Settlement Register according to the following formula:~~

$$\text{DMA}_{KR} = \sum_T (\text{DPC}_{\text{HPRT}} * \text{AA}_{KR})$$

~~where:~~

~~$\sum_T \text{DPC}_{\text{HPRT}}$ is the sum of the individual Daily Profile Coefficients appropriate to the GSP Group, Time Pattern Regime, Standard Settlement Configuration and Profile Class applying to the Metering System on each Settlement Day in such old Deemed Meter Advance Period as provided by the SVAA and determined pursuant to paragraph 6.8 or paragraph 5.1.7 as applicable; and~~

~~the Annualised Advance is the value for such Settlement Register effective on the Settlement Day on which the change of Supplier occurs determined pursuant to paragraph (ii) above;~~

~~(iv) provide the value of Deemed Meter Advance for each Settlement Register for such Metering System to the old Supplier's Non Half Hourly Data Collector responsible for such Metering System pursuant to BSCP 504;~~

~~(v) determine values of Annualised Advance and Estimated Annual Consumption for each Settlement Register pursuant to paragraphs 4.3.3 to 4.3.7 (inclusive) substituting the value of Meter Advance ($MADV_{KR}$) with the value of Deemed Meter Advance determined pursuant to paragraph (iv) above and substituting the Meter Advance Period with the associated old Deemed Meter Advance Period and where the Previous Estimated Annual Consumption shall be that value provided to the new Supplier's Non Half Hourly Data Collector~~

- ~~pursuant to paragraph 4.3.19(a). Such new values of Annualised Advance and Estimated Annual Consumption shall, on the Settlement Days they are effective, replace any previous values of Annualised Advance and Estimated Annual Consumption effective on such Settlement Days;~~
- ~~(vi) determine a Meter Advance ($MADV_{KR}$) value for each Settlement Register for the period, (in this paragraph 4.3.20 such period being known as the "new Meter Advance Period") from the Settlement Day on which there is a change of Supplier to the end of the Meter Advance Period within which falls the Settlement Day on which the change of such Supplier occurs, specified in paragraph (i) above, by subtracting the Deemed Meter Advance value determined pursuant to paragraph (iii) above from the Meter Advance value determined pursuant to paragraph (i) above;~~
- ~~(vii) determine values of Annualised Advance and Estimated Annual Consumption for each Settlement Register for such Metering System pursuant to paragraphs 4.3.3 to 4.3.7 (inclusive) using the value of Meter Advance for such Settlement Register determined pursuant to paragraph (vi) above, where the Meter Advance Period shall be the new Meter Advance Period and where the Previous Estimated Annual Consumption shall be the value determined pursuant to paragraph (v) above for such Settlement Register; and~~
- ~~(viii) provide the value of Estimated Annual Consumption determined pursuant to paragraphs (v) and (vii) above together with its Effective From Settlement Date and the value of Annualised Advance determined pursuant to paragraph (vii) above together with its Effective From Settlement Date and Effective To Settlement Date for each Settlement Register to the new Supplier's relevant Non Half Hourly Data Aggregators responsible for such Metering System and the value of Annualised Advance and the value of Estimated Annual Consumption so determined shall be attributable to such new Supplier. The new Supplier shall ensure that such Non Half Hourly Data Aggregators shall replace any value of Estimated Annual Consumption effective for the same Settlement Days for such Metering System which they have previously received with the values received pursuant to this paragraph 4.3.20; and~~
- ~~(b) the old Supplier shall ensure that its Non Half Hourly Data Collector responsible for such Metering System shall:~~
- ~~(i) determine values of Annualised Advance and Estimated Annual Consumption pursuant to paragraphs 4.3.3 to 4.3.7 (inclusive) substituting the value of Meter Advance with the value of Deemed Meter Advance provided to it by the new Supplier's Non Half Hourly Data Collector pursuant to paragraph (a) (iv) above and substituting the Meter Advance Period with the associated old Deemed Meter Advance Period and where the Previous Estimated Annual Consumption which shall be employed shall be that value provided by such Non Half Hourly Data Collector pursuant to paragraph 4.3.19(a); and~~

- ~~(ii) provide the Annualised Advance for each Settlement Register for such Metering System together with its Effective From Settlement Date and Effective To Settlement Date to the old Supplier's relevant Non Half Hourly Data Aggregators responsible for such Metering System and the value of Annualised Advance so determined shall be attributable to such old Supplier. The old Supplier shall ensure that such Non Half Hourly Data Aggregators shall replace any value of Annualised Advance effective for the same Settlement Days for such Metering System which they have previously received with the values received pursuant to this paragraph 4.3.20.~~

~~4.3.21 The provisions of this paragraph 4.3.21 apply in respect of a metered Metering System "K" in the case where the conditions referred to in paragraph 4.3.2(c) apply in respect of such Metering System. In this case, the Supplier responsible for such Metering System shall ensure that the relevant Non Half Hourly Data Collector responsible for such Metering System shall:~~

- ~~(a) determine a Deemed Meter Advance (DMA_{KR}) for each Settlement Register according to the following formula:~~

$$~~DMA_{KR} = \sum_T (DPC_{HPRT} * EAC_{KR});~~$$

~~where:~~

~~$\sum_T DPC_{HPRT}$ is the sum of the individual Daily Profile Coefficients appropriate to the GSP Group, Time Pattern Regime, Standard Settlement Configuration and Profile Class applying to such Metering System on each of the Settlement Days in the period (the "Deemed Meter Advance Period") which is specified in this paragraph 4.3.21(a). For the purposes of this paragraph 4.3.21 such Deemed Meter Advance Period is the period from the earliest Settlement Day of the Meter Advance Period identified pursuant to paragraph 4.3.2(c)(ii) to either:~~

- ~~(i) the latest Settlement Day in respect of which such Non Half Hourly Data Collector has submitted to the Non Half Hourly Data Aggregator responsible for such Metering System an Estimated Annual Consumption for inclusion in a Final Reconciliation Volume Allocation Run in respect of such Settlement Register but has not so submitted an Annualised Advance for inclusion in a Final Reconciliation Volume Allocation Run in respect of such Settlement Register and Settlement Day; or~~
- ~~(ii) such other Settlement Day shortly thereafter as shall be permitted for such purpose pursuant to BSCP-504; and~~

~~the Estimated Annual Consumption is the value for such Settlement Register then effective on the Settlement Day immediately following the Deemed Meter Advance Period; and~~

- ~~(b) determine a value of Annualised Advance and Estimated Annual Consumption for each Settlement Register pursuant to paragraphs 4.3.3 to 4.3.7 (inclusive) substituting the value of Meter Advance ($MADV_{KR}$) with the value of Deemed Meter Advance determined pursuant to paragraph 4.3.21(a) above; substituting the Meter Advance Period with the Deemed Meter Advance Period determined~~

~~pursuant to paragraph 4.3.21(a) above; and setting the value of Previous Estimated Annual Consumption to be equal to that value of Estimated Annual Consumption employed in paragraph 4.3.21(a) above in respect of such Settlement Register. Such new values of Annualised Advance and Estimated Annual Consumption shall, on the Settlement Days they are effective, replace any previous values of Annualised Advance and Estimated Annual Consumption effective on such Settlement Days for such Settlement Register;~~

- ~~(c) — determine a Meter Advance ($MADV_{KR}$) for each Settlement Register for the period, (in this paragraph 4.3.21 such period being known as the "new Meter Advance Period") from the Settlement Day immediately following the end of the Deemed Meter Advance Period determined pursuant to paragraph 4.3.21(a) above to the end of the Meter Advance Period identified pursuant to sub-paragraph 4.3.2(c)(ii), by subtracting the Deemed Meter Advance value determined pursuant to paragraph 4.3.21(a) above from the Meter Advance associated with such Meter Advance Period and determined pursuant to paragraph 4.3.2; and~~
- ~~(d) — determine a value of Annualised Advance and Estimated Annual Consumption for each Settlement Register pursuant to paragraphs 4.3.3 to 4.3.8 (inclusive) using the value of Meter Advance ($MADV_{KR}$) for such Settlement Register determined pursuant to paragraph 4.3.21(c) above; substituting the Meter Advance Period with the new Meter Advance Period; and setting the value of Previous Estimated Annual Consumption to be equal to that value of Estimated Annual Consumption determined pursuant to paragraph 4.3.21(b) above in respect of such Settlement Register. Such new values of Annualised Advance and Estimated Annual Consumption shall, on the Settlement Days they are effective, replace any previous values of Annualised Advance and Estimated Annual Consumption effective on such Settlement Days for such Settlement Register.~~

~~4.3.22~~ 4.3.18 Each Supplier shall ensure that each of its Non Half Hourly Data Collectors shall in respect of such Supplier's Unmetered Supplies for which such Non Half Hourly Data Collector is responsible and which are not subject to Equivalent Metering set the values of Estimated Annual Consumption to be those defined in the relevant Unmetered Supply Certificate and shall, in accordance with BSCP 520, pass such value unadjusted to the relevant Non Half Hourly Data Aggregator responsible for such Unmetered Supply together with the Effective From Settlement Dates of such Estimated Annual Consumption.

Delete following paragraph:

~~4.3.24 — The provisions of this paragraph 4.3.24 shall apply in the case where for a metered Metering System "K" there is a change of Supplier and there is no Meter Advance Period ending, or as the case may be, deemed to end on the Settlement Day before such change of Supplier in accordance with BSCP 504, and the metered Metering System "K" is subject to half hourly metering on the Settlement Day of the change of Supplier. In this case, in accordance with BSCP 504, a Deemed Meter Advance with an associated Deemed Meter Advance Period ending on the Settlement Day before the change of Supplier based on an Estimated Annual Consumption is required to be determined. In this case, the old Supplier shall ensure that its Non Half Hourly Data Collector responsible for such Metering System shall:~~

- ~~(a) determine a Deemed Meter Advance (DMA_{KR}) for each Settlement Register using the value of Estimated Annual Consumption effective on the Settlement Day before the change of Supplier according to the following formula:~~

$$DMA_{KR} = \sum_T (DPC_{HPRT} * EAC_{KR});$$

where:

$\sum_T DPC_{HPRT}$ is the sum of the individual Daily Profile Coefficients appropriate to the GSP Group, Time Pattern Regime, Standard Settlement Configuration and Profile Class applying to such Metering System on each of the Settlement Days in the period (the "Deemed Meter Advance Period") from the Settlement Day following the end of the most recent Meter Advance Period to the Settlement Day prior to the change of Supplier; and

- (b) determine values of Annualised Advance and Estimated Annual Consumption for each Settlement Register pursuant to paragraphs 4.3.3 to 4.3.7 (inclusive) substituting the value of Meter Advance ($MADV_{KR}$) with the value of Deemed Meter Advance determined pursuant to paragraph (a) above and substituting the Meter Advance Period with the Deemed Meter Advance Period;
- (c) provide the value of Annualised Advance for each Settlement Register together with its Effective From Settlement Date and Effective To Settlement Date determined pursuant to paragraph (b) above, which values shall be attributable to the old Supplier, to the old Supplier's relevant Non Half Hourly Data Aggregators responsible for such Metering System.

Amend Annex X-2 (23 February 2005 v20) Table 6 as follows:

Deemed Meter Advance	DMA_{KR}	kWh	An estimated Meter Advance calculated by the relevant Non-Half Hourly Data Collector pursuant to paragraph 4.3 of Annex S-2 and BSCP 504, at the time of a change of SVA Supplier or in the other circumstances described in paragraph 4.3 of Annex S-2, calculated by the relevant Non Half Hourly Data Collector pursuant to paragraph 4.3 of Annex S-2.
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