

## APPENDIX B - PROCESS FOR SETTLEMENT ADJUSTMENTS FOR METERING ERRORS

### B.1 PURPOSE

B.1.1 This Appendix describes the procedure for settlement adjustments to be carried out for *metering errors*.

B.1.2 In relation to *dispatch periods* commencing before 28 June 2011 (and their corresponding *settlement intervals*), the following sections in force immediately before 28 June 2011 shall apply, notwithstanding the *modifications* relating to the following sections taking effect on or from 28 June 2011:

B.1.2.1 section B.3.1;

B.1.2.2 section B.4.2; and

B.1.2.3 section B.4.2A.

## B.2 DEFINITIONS

B.2.1 In this Appendix:

B.2.1.1 “affected *settlement account*” refers to the *settlement account* affected by a *metering error* and in respect of which corrected *metering data* has been provided by the *market support services licensee* to the *EMC* in accordance with Chapter 7 and this Appendix.

B.2.1.2 “settlement adjustment” means the computation by the *EMC* of adjustments necessitated by and relating to *metering errors* in accordance with this Appendix.

B.2.1.3 “T” refers to a given *trading day*.

B.2.1.4 “first nominated day” refers to the 45<sup>th</sup> *business day* after a given *trading day*, i.e. T+45.

B.2.1.5 “second nominated day” refers to the 250<sup>st</sup> *business day* after a given *trading day*, i.e. T+250.

B.2.1.6 “T+5 submission” means the submission of *metering data* by the *market support services licensee* to the *EMC* on or before 5pm on T+5.

B.2.1.7 “T+9 submission” means the submission of *metering data* and/or corrected *metering data* by the *market support services licensee* to the *EMC* in respect of *settlement accounts* affected by *metering errors* discovered on or before T+9.

B.2.1.8 “first nominated day submission” means the submission of *metering data* and/or corrected *metering data* by the *market support services licensee* to the *EMC* within the relevant submission time stated in section B.3.1 in respect of *settlement accounts* affected by *metering errors* discovered on or before the first nominated day.

B.2.1.9 “second nominated day submission” means the submission of *metering data* and/or corrected *metering data* by the *market support services licensee* to the *EMC* within the relevant submission time stated in section B.3.1 in respect of *settlement accounts* affected by *metering errors* discovered on or before the second nominated day.

B.2.2 For the avoidance of doubt, unless otherwise expressly indicated, a reference in this Appendix to “T+X” is a reference to the X<sup>th</sup> *business day* after a given *trading day* T.

**B.3** **SCHEDULE OF METERING DATA TO BE SUBMITTED BY THE  
MARKET SUPPORT SERVICES LICENSEE TO THE EMC FOR  
SETTLEMENT PURPOSES**

- B.3.1 Subject to section B.1.2, the *market support services licensee* shall, in accordance with the schedule below, submit the relevant *metering data* or corrected *metering data* to the *EMC*:

Submission Time	Content of <i>Metering Data</i>	Purpose	The change in IEQ ( $\Delta$ IEQ), WEQ ( $\Delta$ WEQ), WDQ ( $\Delta$ WDQ), WFQ ( $\Delta$ WFQ) or WMQ ( $\Delta$ WMQ) for affected <i>settlement accounts</i> to be used for settlement adjustment in B.4.
On T+5, no later than 5.00pm	<i>Metering data</i> for all <i>settlement accounts</i> for trading day T.	<i>Preliminary settlement statement</i> for trading day T as set out in section 5.4 of this Chapter.	NA
On T+9, no later than 5.00pm	<p><i>Metering data</i> for all <i>settlement accounts</i> for trading day T corrected for all <i>metering errors</i> discovered up to T+9.</p> <p>The <i>market support services licensee</i> shall not submit any <i>metering data</i> on T+9 unless one or more correction is/are to be made to the <i>metering data</i> of the T+5 submission due to <i>metering errors</i> discovered up to T+9.</p>	<i>Final settlement statement</i> for trading day T as set out in section 5.6 of this Chapter.	NA

<p>First nominated day submission</p> <p>After 5.00pm on T+9 to no later than 5.00pm on T+47</p>	<p><i>Metering data</i> for all <i>settlement accounts</i> for <i>trading day T</i> corrected for all <i>metering errors</i> (if any) discovered on or before the first nominated day.</p>	<p>Settlement adjustment for <i>trading day T</i> in respect of <i>metering errors</i> discovered on or before the first nominated day but not previously reported to the <i>EMC</i> on or before 5:00pm on T+9 pursuant to this Appendix.</p>	<p>Difference between the value in the latest first nominated day submission and the value used for the <i>final settlement statement</i> for <i>trading day T</i>.</p>
<p>Second nominated day submission</p> <p>After 5.00pm on T+47 to no later than 5.00pm on T+252</p>	<p><i>Metering data</i> for all <i>settlement accounts</i> for <i>trading day T</i> corrected for all <i>metering errors</i> (if any) discovered on or before the second nominated day.</p>	<p>Settlement adjustment for <i>trading day T</i> discovered on or before the second nominated day but not previously reported to the <i>EMC</i> on or before 5:00pm on T+47 pursuant to this Appendix.</p>	<p>Difference between the value in the latest second nominated day submission and the value in the latest first nominated day submission, and if there is no first nominated day submission, the value used for the <i>final settlement statement</i> for <i>trading day T</i>.</p>

- B.3.2 The *market support services licensee* shall not submit any further *metering data* for *trading day T* after 5.00pm on T+252.
- B.3.3 The *EMC* shall not effect any settlement adjustment for *trading day T* in respect of any *metering data* for *trading day T* submitted after 5.00pm on T+252.

## **B.4 METHODOLOGY OF SETTLEMENT ADJUSTMENT**

B.4.1 Settlement adjustment shall be effected by the *EMC* only for affected *settlement accounts*.

B.4.2 Subject to section B.1.2, the *metering error* adjustments for each affected *settlement account* for each *settlement interval* shall be determined as follows:

Generation *metering error* adjustment for *energy* (GMEE) and generation *metering error* adjustment for fees (GMEF) shall be determined as follows:

$$GMEE_h^a = \sum_{m(a)} (MEP_h^{m(a)} \times \Delta IEQ_h^{m(a)})$$

$$GMEF_h^a = \sum_{m(a)} (PSOA_h + EMCA_h) \times \Delta IEQ_h^{m(a)}$$

*Load metering error* adjustment (LMEA) shall be determined as follows:

$$LMEA_h^a = [(USEP_h + AFP_h + HEUR_h) \times \Delta WEQ_h^a] + [HLCU_h \times \Delta WDQ_h^a] + [MEUC_h \times \Delta WMQ_h^a] + [(PSOA_h + EMCA_h) \times \Delta WFAQ_h^a]$$

Net *metering error* adjustment (NMEA) shall be determined as follows:

$$NMEA_h^a = GMEE_h^a - GMEF_h^a - LMEA_h^a$$

Where:

- (i)  $MEP_h^{m(a)}$ ,  $USEP_h$ ,  $AFP_h$ ,  $HEUR_h$ ,  $HLCU_h$ ,  $MEUC_h$ ,  $PSOA_h$  and  $EMCA_h$  are rates computed in the *final settlement statement* for trading day T
- (ii) a = a *settlement account*
- (iii) h = a *settlement interval*
- (iv)  $MEP_h^{m(a)}$  = *MEP* for *settlement interval* h for a *market network node* associated with *settlement account* a.
- (v)  $\sum_{m(a)}$  = sum over all *GRFs* m(a) and *GSFs* m(a) associated with *settlement account* a.
- (vi)  $\Delta IEQ_h^{m(a)}$ ,  $\Delta WEQ_h^a$ ,  $\Delta WDQ_h^a$ ,  $\Delta WFAQ_h^a$  and  $\Delta WMQ_h^a$  are computed based on section B.3.1 above.

- (vii)  $PSOA_h$  = the rate of *PSO*'s administrative costs to be recovered from a *settlement account* for a *settlement interval* under section 4.2 of this Chapter.
  - (viii)  $EMCA_h$  = the rate of *EMC*'s administrative costs to be recovered from a *settlement account* for a *settlement interval* under section 4.2 of this Chapter.
- B.4.2A Subject to section B.1.2, generation *metering error* adjustment for fees (GMEF) shall not be applicable to a *settlement account* associated with an *EGF group*.
- B.4.3 The NMEA for an affected *settlement account* for a given *trading day* shall be aggregated and shall appear as a separate line item in the relevant *market participant's preliminary settlement statement* issued on the *business day* immediately following the date of completion of settlement adjustment relating to the first nominated day or second nominated day, as the case may be.
- B.4.4 Where the sum of NMEA for all affected *settlement accounts* for a *settlement interval* is not a zero value, such imbalance shall be allocated through HEUA as set out in Section 3.5.1 of this Chapter in the *preliminary settlement statements* issued on the *business day* immediately following the date of completion of settlement adjustment relating to the first nominated day or the second nominated day, as the case may be.

**Explanatory Note: The sum of NMEA for all affected settlement accounts in a settlement interval may not be zero. This may, for example, happen when the amount of NMEA for an affected settlement account cannot be exactly offset by a corresponding amount of NMEA for another affected settlement account.**