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 45th business day after a given trading day, i.e. T+45.

B.2.1.5 “second nominated day” refers to the 250th 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 Xth 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*:
<table>
<thead>
<tr>
<th>Submission Time</th>
<th>Content of Metering Data</th>
<th>Purpose</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>On T+5, no later than 5.00pm</td>
<td>Metering data for all settlement accounts for trading day T.</td>
<td>Preliminary settlement statement for trading day T as set out in section 5.4 of this Chapter.</td>
<td>NA</td>
</tr>
<tr>
<td>On T+9, no later than 5.00pm</td>
<td>Metering data for all settlement accounts for trading day T corrected for all metering errors discovered up to T+9. The market support services licensee shall not submit any metering data on T+9 unless one or more correction is/are to be made to the metering data of the T+5 submission due to metering errors discovered up to T+9.</td>
<td>Final settlement statement for trading day T as set out in section 5.6 of this Chapter.</td>
<td>NA</td>
</tr>
<tr>
<td></td>
<td></td>
<td>The change in IEQ (ΔIEQ), WEQ (ΔWEQ), WDQ (ΔWDQ), WFQ (ΔWFQ) or WMQ (ΔWMQ) for affected settlement accounts to be used for settlement adjustment in B.4.</td>
<td></td>
</tr>
<tr>
<td>First nominated day submission</td>
<td>Metering data for all settlement accounts for trading day T corrected for all metering errors (if any) discovered on or before the first nominated day.</td>
<td>Settlement adjustment for trading day T in respect of metering errors discovered on or before the first nominated day but not previously reported to the EMC on or before 5:00pm on T+9 pursuant to this Appendix.</td>
<td>Difference between the value in the latest first nominated day submission and the value used for the final settlement statement for trading day T.</td>
</tr>
<tr>
<td>Second nominated day submission</td>
<td>Metering data for all settlement accounts for trading day T corrected for all metering errors (if any) discovered on or before the second nominated day.</td>
<td>Settlement adjustment for trading day T discovered on or before the second nominated day but not previously reported to the EMC on or before 5:00pm on T+47 pursuant to this Appendix.</td>
<td>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 final settlement statement for trading day T.</td>
</tr>
</tbody>
</table>
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  **METHODODOLOGY 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:

\[
GMEE_h^a = \sum_{m(a)} (\text{MEP}_{h}^{m(a)} \times \Delta\text{IEQ}_{h}^{m(a)})
\]

\[
GMEF_h^a = \sum_{m(a)} (\text{PSOA}_h + \text{EMCA}_h) \times \Delta\text{IEQ}_{h}^{m(a)}
\]

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

\[
LMEA_h^a = \left[ (\text{USEP}_h + \text{AFP}_h + \text{HEUR}_h) \times \Delta\text{WEQ}_h^a \right] + \left[ \text{HLCU}_h \times \Delta\text{WDQ}_h^a \right] + \left[ \text{MEUC}_h \times \Delta\text{WMQ}_h^a \right] + \left[ (\text{PSOA}_h + \text{EMCA}_h) \times \Delta\text{WFQ}_h^a \right]
\]

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

\[
\text{NMEA}_h^a = \text{GMEE}_h^a - \text{GMEF}_h^a - \text{LMEA}_h^a
\]

Where:

(i)  \(\text{MEP}_{h}^{m(a)}, \text{USEP}_h, \text{AFP}_h, \text{HEUR}_h, \text{HLCU}_h, \text{MEUC}_h, \text{PSOA}_h \text{ and } \text{EMCA}_h\) are rates computed in the final settlement statement for trading day T

(ii)  \(a = a\) settlement account

(iii)  \(h = a\) settlement interval

(iv)  \(\text{MEP}_{h}^{m(a)} = \text{MEP}\) for settlement interval \(h\) for a market network node associated with settlement account \(a\).

(v)  \(\sum_{m(a)} = \text{sum over all GRFs} \text{ m(a)} \text{ and } \text{GSFs} \text{ m(a)} \text{ associated with settlement account } a\).

(vi)  \(\Delta\text{IEQ}_{h}^{m(a)}, \Delta\text{WEQ}_h^a, \Delta\text{WDQ}_h^a, \Delta\text{WFQ}_h^a \text{ and } \Delta\text{WMQ}_h^a\) are computed based on section B.3.1 above.
(vii) PSOA<sub>h</sub> = 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<sub>h</sub> = 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.