

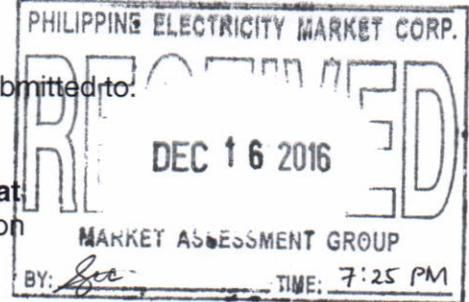


**REQUEST FOR WESM RULES AMENDMENTS**

Proposals made only under this prescribed form shall be accepted and considered as submitted.

This request for amendments to the WESM Rules can be submitted to:

**PEM Board**  
 Attention: **PEM Committee Secretariat**  
 Philippine Electricity Market Corporation  
 18/F Robinsons Equitable Tower  
 ADB Avenue, Ortigas Center  
 Pasig City, 1605 Philippines  
 Email addresses: rcc@wesm.ph  
 Fax Number: (+632) 395-2704



**I. Proposer's Information**

Name	Melinda L. Ocampo
Designation	President
Company	Philippine Electricity Market Corporation
Company Address	c/o 18/F Robinsons Equitable Tower, ADB Avenue Ortigas Center, Pasig City 1600
Telephone No.	631-8734
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**II. WESM Rules Amendment Information**

Topic : Amendments to the Retail Rules on the Implementation of Enhancement to the WESM Design and Operations

Nature of Request (please indicate with x)  
 Addition  Alteration  Deletion  Clarification  Clerical Correction



### III. Proposed Amendment

Title	Section	Provision	Proposed Amendment	Rationale
Settlement Quantities And Amounts	3.3.1	The settlement quantities, settlement prices, trading amounts and settlement amounts of Contestable Customers and Suppliers in each trading interval of the billing period shall be determined in accordance with Chapter 3 of the WESM Rules and this Chapter 3.	The settlement quantities, settlement prices, trading amounts and settlement amounts of Contestable Customers and Suppliers in each <u>trading settlement</u> interval of the billing period shall be determined in accordance with Chapter 3 of the WESM Rules and this Chapter 3.	Consistent with the WESM Rules amendments replacing trading interval with settlement interval. See DOE DC 2016-010-0014
Applicable Market Prices and Market trading nodes	3.3.2	In calculating the trading amounts of Contestable Customers and their Suppliers, the applicable settlement prices shall be the settlement prices at the market trading node associated with the grid off-take metering point to which the Contestable Customer is associated.	In calculating the trading amounts of Contestable Customers and their Suppliers, the applicable settlement prices shall be the <u>settlement final nodal energy dispatch</u> prices at the market trading node associated with the grid off-take metering point to which the Contestable Customer is associated.	Consistent with the revised Price Determination Methodology (PDM) section 8 (Billing and Settlements).
Defining the Gross Ex-Ante Settlement Quantities	3.3.3	3.3.3 Defining the Gross Ex-Ante Settlement Quantities xxx	<del>3.3.3 Defining the Gross Ex-Ante Settlement Quantities</del> xxx	Consistent with the WESM Rules amendments replacing trading interval with settlement interval. See DOE DC 2016-010-0014
Defining Gross Ex-Post Settlement Quantities	3.3.4	3.3.4 Defining Gross Ex-Post Settlement Quantities  3.3.4.1 The gross ex-post settlement quantity determined in accordance with the WESM Rules at each grid off-take metering point for each trading interval in the billing period shall be allocated among the Trading Participants connected at said grid off-take metering	<del>3.3.4</del> <b>3.3.3</b> Defining Gross <del>Ex-Post</del> <b>Energy</b> Settlement Quantities  <del>3.3.4.1</del> <b>3.3.3.1</b> The gross <del>ex-post</del> <b>energy</b> settlement quantity determined in accordance with the WESM Rules at each grid off-take metering point for each <u>trading dispatch</u> interval in the <b>settlement intervals in the</b> billing period shall be allocated among the	<ul style="list-style-type: none"> <li>• Consistent with the WESM Rules amendments replacing trading interval with settlement interval. See DOE DC 2016-010-0014</li> <li>• Consistent with the revised Price Determination Methodology (PDM)</li> </ul>

Title	Section	Provision	Proposed Amendment	Rationale
		<p>point as specified in Appendix A of these Retail Rules.</p> <p>3.3.4.2 The site specific loss adjustments determined at a grid off-take metering point shall be allocated among the Trading Participants connected at said grid off-take metering point in the proportion that their respective metered quantities bear to the total metered quantities at said grid off-take metering point.</p> <p>3.3.4.3 The ex-post settlement quantity of the Distribution Utility connected to a grid-off take point shall be the difference between the gross ex-post settlement quantity determined at such grid off-take metering point and the total ex-post settlement quantities of all Contestable Customers associated with such grid off-take metering point.</p>	<p>Trading Participants connected at said grid off-take metering point as specified in Appendix A of these Retail Rules.</p> <p><del>3.3.4.2</del> <b>3.3.3.2</b> The site specific loss adjustments determined at a grid off-take metering point shall be allocated among the Trading Participants connected at said grid off-take metering point in the proportion that their respective metered quantities bear to the total metered quantities at said grid off-take metering point.</p> <p><del>3.3.4.3</del> <b>3.3.3.3</b> The <del>ex-post</del> <b>gross energy</b> settlement quantity of the Distribution Utility connected to a grid-off take point shall be the difference between the gross <del>ex-post</del> <b>energy</b> settlement quantity determined at such grid off-take metering point and the total <del>ex-post</del> <b>gross energy</b> settlement quantities of all Contestable Customers associated with such grid off-take metering point.</p>	<p>section 8 (Billing and Settlements).</p> <ul style="list-style-type: none"> <li>Renumbering due to the deletion of sub-section 3.3.3 (Defining the Gross Ex-Ante Settlement Quantities)</li> </ul>
Determining the Metered Quantities of Contestable Customers	3.3.5	<p>3.3.5 Determining the Metered Quantities of Contestable Customers</p> <p>3.3.5.1 xxx</p> <p>3.3.5.2 xxx</p> <p>3.3.5.3 xxx</p>	<p><del>3.3.5</del> <b>3.3.4</b> Determining the Metered Quantities of Contestable Customers</p> <p><del>3.3.5.1</del> <b>3.3.4.1</b> xxx</p> <p><del>3.3.5.2</del> <b>3.3.4.2</b> xxx</p> <p><del>3.3.5.3</del> <b>3.3.4.3</b>xxx</p>	Renumbering due to the deletion of sub-section 3.3.3 (Defining the Gross Ex-Ante Settlement Quantities)

Title	Section	Provision	Proposed Amendment	Rationale
Declaration of Bilateral Contract Quantities	3.3.6	3.3.6 Declaration of Bilateral Contract Quantities  3.3.6.1 xxx 3.3.6.2 xxx	<del>3.3.6</del> <b>3.3.5</b> Declaration of Bilateral Contract Quantities  <del>3.3.6.1</del> <b>3.3.5.1</b> xxx <del>3.3.6.2</del> <b>3.3.5.2</b> xxx	Renumbering due to the deletion of sub-section 3.3.3 (Defining the Gross Ex-Ante Settlement Quantities)
Determining the Trading Amount of Contestable Customers	3.3.7	3.3.7 Determining the Trading Amount of Contestable Customers  The trading amount of a Contestable Customer for each trading interval in the billing period shall be determined in accordance with the WESM Rules clauses 3.13.8 and 3.13.9 using the settlement quantities and the settlement prices as defined in this Chapter 3.	<del>3.3.7</del> <b>3.3.6</b> Determining the Trading Amount of Contestable Customers  The trading amount of a Contestable Customer for each <del>trading</del> <b>settlement</b> interval in the billing period shall be determined in accordance with the WESM Rules clauses <del>3.13.8 and 3.13.9</del> <b>3.13</b> using the settlement quantities and the settlement prices as defined in this Chapter 3.	<ul style="list-style-type: none"> <li>• Consistent with the WESM Rules amendments replacing trading interval with settlement interval. See DOE DC 2016-010-0014</li> <li>• Renumbering due to the deletion of sub-section 3.3.3 (Defining the Gross Ex-Ante Settlement Quantities)</li> </ul>
Determining the Trading Amounts of the Distribution Utilities	3.3.8	3.3.8 Determining the Trading Amounts of the Distribution Utilities  The trading amount of each Distribution Utility for each trading interval in the billing period shall be the sum of all the trading amounts calculated using the settlement quantities determined in accordance with clause 3.3.3.3 and clause 3.3.4.3 of Chapter 3.	<del>3.3.8</del> <b>3.3.7</b> Determining the Trading Amounts of the Distribution Utilities  The trading amount of each Distribution Utility for each <del>trading</del> <b>settlement</b> interval in the billing period shall be the sum of all the trading amounts calculated using the settlement quantities determined in accordance with clause 3.3.3.3 and <del>clause 3.3.4.3</del> of Chapter 3.	<ul style="list-style-type: none"> <li>• Consistent with the WESM Rules amendments replacing trading interval with settlement interval. See DOE DC 2016-010-0014</li> <li>• Renumbering and deletion of reference clause due to the deletion of sub-section 3.3.3 (Defining the Gross Ex-Ante Settlement Quantities)</li> </ul>
Determining the Trading Amounts of Suppliers	3.3.9	3.3.9 Determining the Trading Amounts of Suppliers  The trading amount of each Supplier for each trading interval in the billing period	<del>3.3.9</del> <b>3.3.8</b> Determining the Trading Amounts of Suppliers  The trading amount of each Supplier for each <del>trading</del> <b>settlement</b> interval in the	<ul style="list-style-type: none"> <li>• Consistent with the WESM Rules amendments replacing trading interval with settlement interval.</li> </ul>

Title	Section	Provision	Proposed Amendment	Rationale
		shall be the sum of all the trading amounts determined for each of the Contestable Customers for which such the Supplier is transacting as Direct WESM Member counterparty.	billing period shall be the sum of all the trading amounts determined for each of the Contestable Customers for which such the Supplier is transacting as Direct WESM Member counterparty.	See DOE DC 2016-010-0014 <ul style="list-style-type: none"> <li>Renumbering due to the deletion of sub-section 3.3.3 (Defining the Gross Ex-Ante Settlement Quantities)</li> </ul>
Determining Settlement Amounts	3.3.10	3.3.10 Determining Settlement Amounts  3.3.10.1 xxx 3.3.10.2 xxx 3.3.10.3 xxx	<del>3.3.10</del> <b>3.3.9</b> Determining Settlement Amounts  <del>3.3.10.1</del> <b>3.3.9.1</b> xxx <del>3.3.10.2</del> <b>3.3.9.2</b> xxx <del>3.3.10.3</del> <b>3.3.9.2</b> xxx	Renumbering due to the deletion of sub-section 3.3.3 (Defining the Gross Ex-Ante Settlement Quantities)
Settlement process	3.3.11	3.3.11 Settlement process xxx	<del>3.3.11</del> <b>3.3.10</b> Settlement process xxx	Renumbering due to the deletion of sub-section 3.3.3 (Defining the Gross Ex-Ante Settlement Quantities)
Settlement of Contestable Customers with their Suppliers	3.3.12	3.3.12 Settlement of Contestable Customers with their Suppliers xxx	<del>3.3.12</del> <b>3.3.11</b> Settlement of Contestable Customers with their Suppliers xxx	Renumbering due to the deletion of sub-section 3.3.3 (Defining the Gross Ex-Ante Settlement Quantities)
Prudential Requirements	3.3.13	3.3.13 Prudential Requirements  3.3.13.1 xxx 3.3.13.2 xxx	<del>3.3.13</del> <b>3.3.12</b> Prudential Requirements  <del>3.3.13.1</del> <b>3.3.12.1</b> xxx <del>3.3.13.2</del> <b>3.3.12.2</b> xxx	Renumbering due to the deletion of sub-section 3.3.3 (Defining the Gross Ex-Ante Settlement Quantities)
Settlement Information	3.3.14	3.3.14 Settlement Information  3.3.14.1 xxx 3.3.14.2 xxx	<del>3.3.14</del> <b>3.3.13</b> Settlement Information  <del>3.3.14.1</del> <b>3.3.13.1</b> xxx <del>3.3.14.2</del> <b>3.3.13.2</b> xxx	Renumbering due to the deletion of sub-section 3.3.3 (Defining the Gross Ex-Ante Settlement Quantities)
Provision Of Metering Installations	4.3.2.6	Have electronic data recording facilities such that all metering data can be	Have electronic data recording facilities such that all metering data can be measured and recorded in trading	Consistent with the revised WESM Rule 4.5.1, which was

Title	Section	Provision	Proposed Amendment	Rationale
		measured and recorded in trading intervals;	<del>intervals</del> <b>accordance with the relevant Market Manual;</b>	approved under DOE DC 2016-010-0014.
Calculation Of Settlement Quantities And Amounts	Appendix A.2.	Pursuant to Section 3.3.1 of this Retail Rules, the settlement quantities, settlement prices, trading amounts and settlement amounts of Contestable Customers and Suppliers in each trading interval of the billing period shall be determined in accordance with Chapter 3 of the WESM Rules and Chapter 3 of this Retail Rules.	Pursuant to Section 3.3.1 of this Retail Rules, the settlement quantities, settlement prices, trading amounts and settlement amounts of Contestable Customers and Suppliers in each trading <b>settlement</b> interval of the billing period shall be determined in accordance with Chapter 3 of the WESM Rules and Chapter 3 of this Retail Rules.	Consistent with the proposed changes in Section 3.3.1 of this Retail Rules.
Calculation Of The Ex-Ante Energy Trading Amounts	Appendix A.3.	A.3. Calculation Of The Ex-Ante Energy Trading Amounts xxx	<del>A.3. Calculation Of The Ex-Ante Energy Trading Amounts</del> Xxx	Consistent with the WESM Rules amendments replacing trading interval with settlement interval. See DOE DC 2016-010-0014
Allocation Of Gross Ex-Ante Settlement Quantities	Appendix A.4.	A.4. Allocation Of Gross Ex-Ante Settlement Quantities xxx	<del>A.4. Allocation Of Gross Ex-Ante Settlement Quantities</del> Xxx	Consistent with the WESM Rules amendments replacing trading interval with settlement interval. See DOE DC 2016-010-0014
Calculation Of The Ex-Post Energy Trading Amounts	Appendix A.5.	A.5. Calculation Of The Ex-Post Energy Trading Amounts xxx	<del>A.5. Calculation Of The Ex-Post Energy Trading Amounts</del> xxx	Consistent with the WESM Rules amendments replacing trading interval with settlement interval. See DOE DC 2016-010-0014
Allocation Of Ex-Post Energy Settlement Quantities	Appendix A.6.	A.6. Allocation Of Ex-Post Energy Settlement Quantities  The gross ex-post energy settlement quantities for determined at the grid off-take metering point shall be allocated among the Contestable Customers and	<del>A.6. A.3 Allocation Of Ex-Post</del> <b>Gross</b> Energy Settlement Quantities  The gross <del>ex-post</del> energy settlement quantities for determined at the grid off-take metering point shall be allocated among the Contestable Customers and	Consistent with the proposed amendments in Section 3.3.3 and 3.3.4

Title	Section	Provision	Proposed Amendment	Rationale
		<p>Distribution Utilities connected at said grid off-take metering point in proportion that their respective metered quantities bear to the total metered quantities at the said grid off-take metering point.</p> $GESQ_{b,h}^m = \frac{MQ_{b,h}^m}{MQ_h^m} \times GESQ_h^m$ <p>Where:</p> <p><math>GESQ_{b,h}^m</math> is the gross ex-post energy settlement quantity of energy withdrawn by Contestable Customer/Distribution Utility “b” for trading interval “h” and grid off-take metering point “m”;</p> <p><math>GESQ_h^m</math> is the gross ex-post energy settlement quantity withdrawn at grid off-take metering point “m” for trading interval “h”;</p> <p><math>MQ_{b,h}^m</math> is the metered quantity of Contestable Customer/Distribution Utility “b” for trading interval “h” and grid off-take metering point “m”;</p> <p><math>MQ_h^m</math> is the metered quantity at grid off-take metering point “m” for trading interval “h”;</p>	<p>Distribution Utilities connected at said grid off-take metering point in proportion that their respective metered quantities bear to the total metered quantities at the said grid off-take metering point.</p> $GESQ_{b,i}^m = \frac{MQ_{b,i}^m}{MQ_i^m} \times GESQ_i^m$ <p>Where:</p> <p><math>GESQ_{b,i}^m</math> is the gross ex-post energy settlement quantity of energy withdrawn by Contestable Customer/Distribution Utility “b” for <b>trading dispatch</b> interval “<del>h</del>i” and grid off-take metering point “m”;</p> <p><math>GESQ_i^m</math> is the gross <del>ex-post</del> energy settlement quantity withdrawn at grid off-take metering point “m” for <b>trading dispatch</b> interval “<del>h</del>i”;</p> <p><math>MQ_{b,i}^m</math> is the metered quantity of Contestable Customer/Distribution Utility “b” for <b>trading dispatch</b> interval “<del>h</del>i” and grid off-take metering point “m”;</p>	

Title	Section	Provision	Proposed Amendment	Rationale
			$MQ_i^m$ is the metered quantity at grid off-take metering point “m” for trading <b>dispatch</b> interval “hi”;	
Determination Of The Metered Quantities For Distribution Utilities	Appendix A.7.	<p>A.7. Determination Of The Metered Quantities For Distribution Utilities</p> <p>The metered quantities for Distribution Utilities is calculated based on the difference of the metered quantities at the grid off-take metering point</p> $MQ_{du,h}^m = MQ_h^m - \sum_{cc} MQ_{cc,h}^m$ <p>Where:</p> <p><math>MQ_{du,h}^m</math> is the metered quantity of Distribution Utility “du” for trading interval “h” and grid off-take metering point “m”;</p> <p><math>MQ_{cc,h}^m</math> is the metered quantity of Contestable Customer “cc” for trading interval “h” and grid off-take metering point “m”;</p> <p><math>\sum_{cc} MQ_{cc,h}^m</math> is the summation of the metered quantity of each Contestable Customer “cc” in trading interval “h” and market trading node “m”</p>	<p>A.7. Determination Of The Metered Quantities For Distribution Utilities</p> <p>The metered quantities for Distribution Utilities is calculated based on the difference of the metered quantities at the grid off-take metering point</p> $MQ_{du,i}^m = MQ_i^m - \sum_{cc} MQ_{cc,i}^m$ <p>Where:</p> <p><math>MQ_{du,i}^m</math> is the metered quantity of Distribution Utility “du” for trading <b>dispatch</b> interval “hi” and grid off-take metering point “m”;</p> <p><math>MQ_{cc,i}^m</math> is the metered quantity of Contestable Customer “cc” for trading <b>dispatch</b> interval “hi” and grid off-take metering point “m”;</p> <p><math>\sum_{cc} MQ_{cc,i}^m</math> is the summation of the metered quantity of each Contestable Customer “cc” in trading <b>dispatch</b> interval</p>	Consistent with the implementation of 5-minute metering

Title	Section	Provision	Proposed Amendment	Rationale
		associated with the grid off-take metering point "m";	"h <sub>i</sub> " and market trading node "m" associated with the grid off-take metering point "m";	
Calculation Of The Line Rental Trading Amounts	Appendix A.8.	A.8. Calculation Of The Line Rental Trading Amounts xxx	<del>A.8. Calculation Of The Line Rental Trading Amounts xxx</del>	Consistent with the revised Price Determination Methodology (PDM) section 8 (Billing and Settlements).

Note: For convenience, please underline and put in bold letters the proposed changes to the WESM Rules.

**IV. Referral**

Date Received by MAG : DEC 16 2016 *7:25 PM*

Proposed Amendment:  Urgent  Minor  General

**A. For Urgent Amendment (For the use of PEMC President only)**

Date Referred to PEMC President	
Certifies as urgent	<input type="checkbox"/> Yes <input type="checkbox"/> No
Convene the RCC within 48 Hrs.:	<input type="checkbox"/> Yes <input type="checkbox"/> No
Remarks:	

**B. For Minor and General Amendment (For the use of RCC only)**

Date Referred to RCC:	
Remarks:	

Action taken:	
Request for comments:	<input type="checkbox"/> Yes <input type="checkbox"/> No  Request written comments from: <input type="checkbox"/> DRG <input type="checkbox"/> MSC <input type="checkbox"/> PA <input type="checkbox"/> TC <input type="checkbox"/> MO <input type="checkbox"/> ECO <input type="checkbox"/> MAG <input type="checkbox"/> Other PEM Board Committees <input type="checkbox"/> Other Interested Parties
For further review of the Technical Sub-Committee/s:	<input type="checkbox"/> Yes Assigned to: <input type="checkbox"/> SO Sub-Committee <input type="checkbox"/> MO Sub-Committee <input type="checkbox"/> Metering Sub-Committee <input type="checkbox"/> Billing and Settlement Sub-Committee <input type="checkbox"/> Legal and Regulatory Sub-Committee  <input type="checkbox"/> No
For public consultation:	<input type="checkbox"/> Yes <input type="checkbox"/> No
RCC Resolution:	<input type="checkbox"/> Approved <input type="checkbox"/> Disapproved
RCC Resolution Number:	
Date of Resolution:	
RCC Meeting No.:	
Date of endorsement to the PEM Board:	