



Wholesale Electricity Spot Market

WESM-WM-(Manual)-CN - _____

REQUEST FOR AMENDMENTS OR CHANGES TO THE WESM MANUALS

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 address: rcc@wesm.ph
Fax Number: (+632) 395-2704

I. Proponent's Information

Name	Francis Saturnino C. Juan
Designation	President and CEO
Company	Independent Electricity Market Operator of the Philippines, Inc.
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II. WESM Manual Amendments Information

<p>Title of WESM Manual being commented: <u>Registration, Suspension, and De-registration Criteria and Procedures Issue 4.0</u></p> <p>Nature of Request (please indicate with x) <input checked="" type="checkbox"/> Addition <input type="checkbox"/> Alteration <input type="checkbox"/> Deletion <input checked="" type="checkbox"/> Clarification <input type="checkbox"/> Clerical Correction </p>

III. Proposed Amendment

Title	Section	Provision	Proposed Amendment	Rationale
Aggregation of Generating Units	2.5.4.2	<p>A <i>Generation Company</i> that owns multiple <i>generating units</i> located in a single generating station shall, upon application, inform the <i>Market Operator</i> if it wishes to have an aggregated representation for such <i>generating units</i> in the <i>WESM Market Network Model</i>. The <i>Applicant</i> and the <i>Market Operator</i> shall agree on the manner of aggregated representation in accordance with the procedures set forth in relevant market manuals.</p>	<p>A <i>Generation Company</i> that owns multiple <i>generating units</i> located in a single generating station shall, upon application, inform the <i>Market Operator</i> if it wishes to have an aggregated representation for such <i>generating units</i> in the <i>WESM Market Network Model</i>. The <i>Applicant</i>, the <i>Network Service Provider</i>, <i>Metering Services Provider</i>, and the <i>Market Operator</i> shall agree on the manner of aggregated representation in accordance with the procedures set forth in relevant market manuals.</p>	<p>It is proposed that the NSP and MSP be included in the discussions for the aggregated representation of generating units to ensure that the infrastructure (e.g., RTU, meters) to support the aggregated representation are considered in the discussions.</p>
Generation Registered Capacities	2.5.4.4	<p>A <i>Generation Company</i> shall include in its application the <i>maximum stable load</i> (<i>Pmax</i>), the <i>minimum stable load</i> (<i>Pmin</i>), the <i>ramp up rate</i>, and the <i>ramp down rate</i> of each <i>generation unit</i> or aggregated <i>generation units</i> that are included in its application. The information provided to the <i>Market Operator</i> must be consistent with the information contained in the <i>Certificate of Compliance</i> issued by the <i>ERC</i> as well as submissions made to the <i>ERC</i> in relation to the issuance of its <i>Certificate of Compliance</i>.</p>	<p>A <i>Generation Company</i> shall include in its application the <i>maximum stable load</i> (<i>Pmax</i>), the <i>minimum stable load</i> (<i>Pmin</i>), the <i>ramp up rate</i>, and the <i>ramp down rate</i> of each <i>generation unit</i> or aggregated <i>generation units</i> that are included in its application. The information provided to the <i>Market Operator</i> must be consistent with the information contained in the <i>Certificate of Compliance</i> issued by the <i>ERC</i> as well as submissions made to the <i>ERC</i> in relation to the issuance of its <i>Certificate of Compliance</i>. The <i>Generation Company</i> shall also</p>	<p>It is proposed that this be included so that the Market Operator will have basis on where to monitor offer capacity compliance and dispatch target compliance. It should be noted that their registered capacities should be consistent with their offers, RTD schedules, and actual dispatch.</p>

Title	Section	Provision	Proposed Amendment	Rationale
			<p>Include information on the location of the real-time monitoring facility where the <i>P_{min}</i>, <i>P_{max}</i>, and <i>ramp up/down rates</i> were certified against (i.e., gross generation, or net of station use). Should the location represent the gross generation output of the <i>generating system</i>, the <i>Generation Company</i> shall comply with the procedures provided for under Clause 2.5.4.5 of this <i>Market Manual</i>.</p>	
REGISTRATION OF DIRECT WESM MEMBERS AND TRADING PARTICIPANTS - Other Considerations	2.5.4.5 (new)	N / A	<p>2.5.4.5 Modelling of Station Use of Generating Units</p> <p><u>A Generation Company shall inform the Network Service Provider and the Market Operator of the provisions of its station use so that it may be registered and considered in the WESM Market Network Model.</u></p> <p><u>Any load that is used other than being the generation company's station use or house load shall have to be registered separately as a separate facility.</u></p>	<p>To ensure that all loads are accounted for in the scheduling process, station use and house loads of generating units should be reported to the Market Operator. This is especially important if the registered capacity of a generating unit does not take into account its station use and house load.</p>
REGISTRATION OF DIRECT WESM MEMBERS	2.5.4.6 (new)	N / A	<p>2.5.4.6 Modelling of Generating Units of Ancillary Service Providers</p> <p><u>If a Generation Company is</u></p>	<p>To clarify that aggregation or disaggregation of the representation of a registered generating system may be</p>

Title	Section	Provision	Proposed Amendment	Rationale
AND TRADING PARTICIPANTS - Other Considerations			<p><u>registering as an Ancillary Service Provider and the generating units that will provide ancillary services are already represented in the Market Network Model, the Generation Company shall ensure that the generating units are represented in accordance with the requirements of the System Operator. If the representation of the generating units does not comply with the requirements of the System Operator, the Generation Company shall initiate changes in the representation of the generating units in accordance with Section 3.3.3.</u></p>	<p>necessary upon its registration as an ancillary services provider to be consistent with the requirements of the System Operator.</p>
REGISTRATION OF ANCILLARY SERVICES PROVIDERS - Qualifications and Requirements	2.6.1.1(d) (new)	N / A	<p>2.6.1.1 Persons or entities wishing to register as WESM member under this category must –</p> <p><u>d) Comply with any additional technical requirements set forth by the System Operator for ancillary service providers.</u></p>	<p>To clarify that additional technical requirements may be imposed by the System Operator for ancillary services providers.</p>
FACILITY-RELATED CHANGES - Additional Facility	3.3.6 (new)	N / A	3.3.6 Additional Facility	<p>To include in the MO procedures the addition of a facility by a registered generation company</p>

Title (new)	Section	Provision	Proposed Amendment	Rationale
FACILITY-RELATED CHANGES <u>Additional Facility</u> (new)	<u>3.3.6.1</u> (new)	N / A	<u>A registered generation company that has a new generating system and intends to trade the new generating system through a separate market trading node shall register that generating system as an additional facility by submitting a request to the Market Operator.</u>	To clarify that only facilities that will be traded separately from existing facilities of the registered generation company will be required to go through this procedure. If the additional facility will be traded with the existing facilities then a change in registered capacity would be required.
FACILITY-RELATED CHANGES <u>Additional Facility</u> (new)	<u>3.3.6.2</u> (new)	N / A	<u>The registered generation company shall comply with the technical and commercial requirements under Section 2.5.3 and the procedures under Section 2.5.4 for its additional facility.</u>	To clarify that the same technical and commercial requirements will be required for the additional facility.
FACILITY-RELATED CHANGES <u>Additional Facility</u> (new)	<u>3.3.6.3</u> (new)	N / A	<u>The Market Operator shall assess and approve the request for the registration of an additional facility in accordance with the procedures under Sections 2.5.5, 2.5.6, and 2.5.7.</u>	To clarify that the MO will assess the registration of an additional facility based on procedures for assessing the application of new generation companies.

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

IV. Proposed Scheme to Monitor the Effectiveness of the Proposed Changes to the WESM Manual

V. Referral

MAG Date Received: _____

Proposed Amendment: ☐ Urgent ☐ Minor ☐ General

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

Date Referred to PEMC President	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Certifies as urgent	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Convene the RCC within 48 hrs:		
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"/> MO <input type="checkbox"/> ECO <input type="checkbox"/> RCC <input type="checkbox"/> TC <input type="checkbox"/> Other PEM Board Committees <input type="checkbox"/> Other Interested Parties
For further review of the Technical Sub-Committee:	<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 No.:	
Date of Resolution:	
RCC Meeting No.	
Date of endorsement to the PEM Board:	