



## MEETING MINUTES

Subject/Purpose : 184<sup>th</sup> Rules Change Committee (Regular) Meeting

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### ATTENDEES

|    | Name                       | Designation/Position                  | Department/Company |
|----|----------------------------|---------------------------------------|--------------------|
| 1  | Maila Lourdes G. De Castro | Chairperson, Independent              | RCC                |
| 2  | Francisco L.R. Castro, Jr. | Member, Independent                   | RCC                |
| 3  | Allan C. Nerves            | Member, Independent                   | RCC                |
| 4  | Concepcion I. Tanglao      | Member, Independent                   | RCC                |
| 5  | Dixie Anthony R. Banzon    | Member, Generation Sector             | RCC                |
| 6  | Cherry A. Javier           | Member, Generation Sector             | RCC                |
| 7  | Carlito C. Claudio         | Member, Generation Sector             | RCC                |
| 8  | Jessie Victorio            | Member (Alternate), Generation Sector | RCC                |
| 10 | Michelle Tuazon            | Member (Alternate), Generation Sector | RCC                |
| 11 | Ryan S. Morales            | Member, Distribution Sector           | RCC                |
| 12 | Ricardo G. Gumalal         | Member, Distribution Sector           | RCC                |
| 13 | Nelson M. Dela Cruz        | Member, Distribution Sector           | RCC                |
| 14 | Virgilio Fortich, Jr.      | Member, Distribution Sector           | RCC                |
| 15 | Lorreto H. Rivera          | Member, Supply Sector                 | RCC                |
| 16 | Ambrocio R. Rosales        | Member, System Operator               | RCC                |
| 17 | Isidro E. Cacho, Jr.       | Member, Market Operator               | RCC                |
| 18 | John Mark S. Catriz        | Head, Market Assessment Group         | PEMC               |
| 19 | Karen A. Varquez           | RCC Secretariat                       | PEMC               |
| 20 | Divine Gayle C. Cruz       | RCC Secretariat                       | PEMC               |
| 21 | Dianne L. De Guzman        | RCC Secretariat                       | PEMC               |
| 22 | Kathleen R. Estigoy        | RCC Secretariat                       | PEMC               |
| 22 | Melanie C. Papa            | Observer                              | DOE                |
| 23 | Mari Josephine C. Enriquez | Observer                              | DOE                |
| 24 | Jhannelyn D. Marasigan     | Observer                              | DOE                |
| 25 | Marvin Jay D. Masanda      | Observer                              | DOE                |

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|    | <b>Name</b>                | <b>Designation/Position</b>           | <b>Department/Company</b> |
|----|----------------------------|---------------------------------------|---------------------------|
| 26 | Sheryll M. Dy              | Proponent                             | IEMOP                     |
| 27 | Julius Eleazar A. Bunyi    | Proponent                             | IEMOP                     |
| 28 | Edward I. Olmedo           | Proponent                             | IEMOP                     |
| 29 | Valfia U. Gregorio         | Proponent                             | IEMOP                     |
| 30 | Bienvenido C. Mendoza      | Manager, MAG-MPD / PAC Secretariat    | PEMC                      |
| 31 | John Bryan J. Infantado    | Specialist, MAG-MPD / PAC Secretariat | PEMC                      |
| 32 | Elaine D. Gonzales         | Head, Internal Audit Department       | PEMC                      |
| 33 | Michael Angelo D. Vidal    | Specialist, Internal Audit Department | PEMC                      |
| 34 | Prof. Felixberto U. Bustos | Chairman, PEM Audit Committee         | PAC                       |
| 35 | Richard Arcenal            | Commenter                             | SPC/SIPC                  |
| 36 | Krizzia Alyanna G. Angeles | Commenter                             | SPC/SIPC                  |
| 37 | Laudy Lyn O. Calde         | Commenter                             | SPC/SIPC                  |
| 38 | Nemeley Jabla              | Commenter                             | APC                       |
| 39 | Gilda Anne Victorio        | Commenter                             | APC                       |
| 40 | Karren Ramos               | Commenter                             | APC                       |
| 41 | Jacqueline Bergancia       | Commenter                             | APC                       |



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| I. Call to Order   | <ul style="list-style-type: none"> <li>The meeting was conducted via Microsoft Teams and was called to order at 09:00 AM.</li> <li>The meeting was chaired by Atty. Maila G. De Castro (Chairperson/Independent).</li> </ul>  |
| II. Determination of Quorum  | <ul style="list-style-type: none"> <li>There were 14 RCC principal members and 2 alternate members in attendance.</li> </ul>  |
| III. Adoption of Agenda  | <ul style="list-style-type: none"> <li>The provisional agenda of the meeting was approved by the body, as presented.</li> <li>Having no comments received on the revised presented agenda, Mr. Carlito Claudio (Generation) moved to approve the meeting agenda, which was duly seconded by Ms. Cherry Javier (Generation).</li> </ul>  |
| IV. Approval of Minutes of Previous Regular Meeting: <ol style="list-style-type: none"> <li>182nd Special Meeting, 23 Jul 2021</li> <li>183rd Regular Meeting, 20 Aug 2021</li> </ol>                                    | <p><u>Presenter:</u> Ms. Divine Gayle C. Cruz (Secretariat)</p> <p><u>Action Requested:</u> For approval</p> <p><u>Proceedings:</u> Noting that no comments were received on the minutes, Mr. Ricardo Gumalal (Distribution) and Ms. Concepcion Tanglao (Independent) moved to approve the 182<sup>nd</sup> and 183<sup>rd</sup> draft minutes of meeting, respectively. These were seconded by Ms. Lorreto H. Rivera (Supply) and Mr. Virgilio Fortich, Jr. (Distribution), respectively. The Secretariat's request to affix the e-signature of RCC Members was also approved by the body.</p> |
| V. New Business  |   |
| 1. Proposed Revisions to PEM Board-Amendments to Provisions Related to Audit and Performance Monitoring Under the WESM Rules, Retail Rules, PEM Audit Manual, and Guidelines Governing the Constitution of the PEM Board | <p><u>Presenter:</u> Prof. Felix Bustos (Proponent/PEM Audit Committee (PAC) Chairperson) and PAC Secretariat</p> <p><u>Action Requested:</u> For approval for submission to PEM Board</p> <p><u>Presentation Material/s:</u> Annex A</p> <p><u>Proceedings:</u></p>  |

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|        | <p>Prof. Bustos presented the proposed revisions and said that these are being submitted by the PAC to address the directive of the PEM Board for the PAC to present the guidelines on engaging PEMC's Internal Audit Department (IAD) or external auditors to conduct an audit.</p> <p>The additional changes are as follows:</p> <p>A. Criteria on engaging the Internal Audit:</p> <ul style="list-style-type: none"> <li>In Clause 1.4.7.1 of the WESM Rules, an additional clause was added that the Board Audit Committee (BAC) and PEM Audit Committee (PAC) may request/engage the IAD to conduct a market audit/review.</li> </ul> <p>B. Engagement of Qualified Auditors:</p> <ul style="list-style-type: none"> <li>In Section 4.1 of the PEM Audit Manual, the PAC may engage the services of Independent Auditors or the internal audit unit of PEMC given that it has the sufficient and adequate experience, expertise to conduct applicable audits.</li> <li>The PAC shall define the guidelines in engaging the services of IAD.</li> </ul> <p>C. Proposed Decision Flowchart for engagement of IAD/External Auditor:</p> <ul style="list-style-type: none"> <li>The regular audits/review will be conducted by the Independent Auditors.</li> <li>Other audit/reviews, requested by MO or directed by PEM Board, ERC and DOE, will be conducted by either Independent Auditors or IAD.</li> </ul> |

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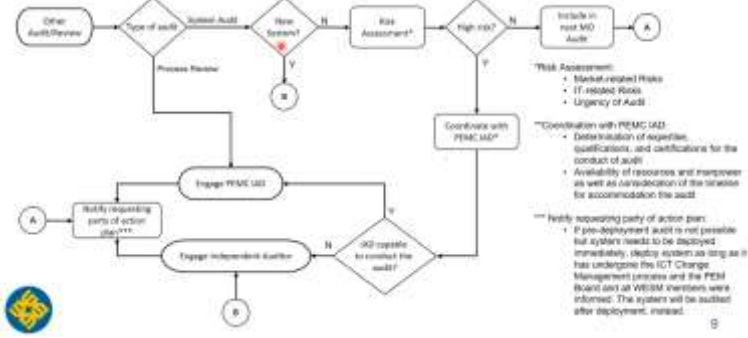
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|        |  <p>The flowchart outlines the audit process starting from 'Other Audit Types' or 'System Audit'. It branches into 'Process Review' and 'Risk Assessment'. 'Risk Assessment' leads to a decision on 'High risk?'. If 'Yes', it involves 'Coordinate with PEMC IAD' and 'Engage Independent Auditor'. If 'No', it leads to 'Include in next MD Audit'. The flowchart also includes a decision on 'IAD capable to conduct the audit?' and a final decision on 'Engage IAD?'. A small PEMC logo is present in the bottom left of the flowchart area.</p> <ul style="list-style-type: none"> <li>Engagement of the IAD will depend on the market-related risks, IT-related risks and urgency of the audit. Considering that the IAD is still developing its expertise, the PAC may engage an Independent Auditor if the IAD is incapable of doing the audit.</li> </ul> <p>Atty. De Castro requested clarification on the PAC's requested action on the proposal. Ms. Cruz said that the proposal was already presented to the PEM Board, who remanded the proposal, requesting the PAC to present the guidelines on the engagement of IAD and external auditor. Hence, the requested action for the proposal is for approval for submission to the PEM Board.</p> <p>Ms. Tanglao recalled that the PEM Board's concern was that engaging external auditors will involve cost, thus the need for the guideline.</p> <p>Prof. Bustos said that the proposed decision flowchart may address the concerns of the PEM Board. If the audit is time and budget constrained, then it can be conducted by the IAD.</p> <p>Ms. Tanglao somehow agreed that the flow chart may address to some extent the PEM Board's concerns but also reiterated that there should be guideline on when to engage the IAD or external auditors. She suggested that maybe PAC can identify the specific audits that the IAD may be engaged with and what are the tasks that will be given to them considering that they are still developing its expertise, and in the same manner, when external auditors will be engaged.</p> |

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|   | <p><u>Resolution:</u> Having no additional comments received on the proposal as presented, Ms. Tanglao (Independent) moved for the approval of the proposal, which was seconded by Ms. Lorreto H. Rivera (Supply). The resolution will be presented on the next scheduled meeting.</p>  |
| <p>2. <i>Draft RCC Resolution No. 2021-13: PEM Revisions to RCC Resolution No. 20-02 Providing for Proposed Amendments to WESM Manual on Information Disclosure and Confidentiality Regarding Exceptions for Confidentiality Undertakings for Oversight Bodies (ORCP-WR-WM-19-19)</i></p> | <p><u>Presenter:</u> Ms. Divine Gayle C. Cruz (Secretariat)</p> <p><u>Action Requested:</u> For approval for submission to PEM Board</p> <p><u>Proceedings:</u> Ms. Cruz presented the draft resolution to the RCC.</p> <p><u>Resolution:</u> Having no comments received on the draft resolution, Mr. Carlito Claudio (Generation) moved for the approval of the resolution and endorsement of the proposal to the PEM Board, which was seconded by Ms. Lorreto H. Rivera (Supply).</p>  |
| <p>3. Proposed Amendments to WESM Manuals for Improvements to Market Resource Modelling and Monitoring (ORCP-WM-21-04)</p> <ul style="list-style-type: none"> <li>Comments of the WESM Technical Committee (TC)</li> </ul>  | <p><u>Presenter:</u> Ms. Divine Gayle C. Cruz (Secretariat)</p> <p><u>Action Requested:</u> For approval for submission to PEM Board</p> <p><u>Presentation Material/s:</u> Annex B</p> <p><u>Proceedings:</u></p> <p>Ms. Cruz informed the RCC that the proposal was previously deliberated during its last regular meeting, however there are still pending items for deliberation from the previous meeting, as follows:</p> <ol style="list-style-type: none"> <li>RCC's decision on the sample looping diagram (TC's comments and IEMOP's response)</li> <li>Statistics on simplification of market network model.</li> </ol> <ul style="list-style-type: none"> <li>On item 1, TC's comments were summarized, as follows:             <ul style="list-style-type: none"> <li>TC wishes that the proponent will pursue the proper way of how modelling is done.</li> </ul> </li> </ul> |

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|---------|--|---|--|---|-------|-----|----------|---------|----|----------|
|         | <ul style="list-style-type: none"><li>Any network reduction or simplification will necessarily require power flow analysis.</li><li>The TC affirmed that the context of discussion is indeed due to the absence of Remote Terminal Unit (RTU) or real-time monitoring facilities.</li></ul> <p>Mr. Edward I. Olmedo (IEMOP) emphasized that the proposal is only reflecting the process of MNM simplification that is currently being done. He also added that from the previous meetings he mentioned that IEMOP will be submitting another proposal improving the current process by the end of this year.</p> <ul style="list-style-type: none"><li>On item 2, the statistics are as follows:</li></ul> <table><tr><th>Region</th><th>No. of Registered Generators (as of 20 Aug 2021)</th><th>No. of Registered Generators Modelled at Nearest Substation</th></tr><tr><td>Luzon</td><td>185</td><td>73 (39%)</td></tr><tr><td>Visayas</td><td>87</td><td>54 (62%)</td></tr></table> <p>Ms. Javier asked if the statistics presented are for embedded generators only. Mr. Olmedo responded that the figures provided are for all registered generators but was not specified further that the data are in terms of capacity, mostly are small generators: Solar and Run-of River. These generators don't have enough RTUs that connect from main substation to loads to generators. Some of these may not really be embedded to a Distribution Utility (DU), but because of the limitation of real-time monitoring, these were modelled to the nearest substation.</p> <ul style="list-style-type: none"><li>Mr. Ambrocio Rosales (System Operator) said that the Rules require generators with a capacity of 5MW and above to have an RTU, regardless of the location, as long as there is a real-time monitoring facility. This facility will be used to monitor the compliance of the generators to its dispatch schedule. He also added that he fully agreed with the Technical Committee's comments that the simplification does not represent the actual configuration.</li></ul> | Region  | No. of Registered Generators (as of 20 Aug 2021) | No. of Registered Generators Modelled at Nearest Substation | Luzon | 185 | 73 (39%) | Visayas | 87 | 54 (62%) |
| Region  | No. of Registered Generators (as of 20 Aug 2021)   | No. of Registered Generators Modelled at Nearest Substation |  |   |       |     |          |         |    |          |
| Luzon   | 185  | 73 (39%)  |  |   |       |     |          |         |    |          |
| Visayas | 87   | 54 (62%)  |  |   |       |     |          |         |    |          |



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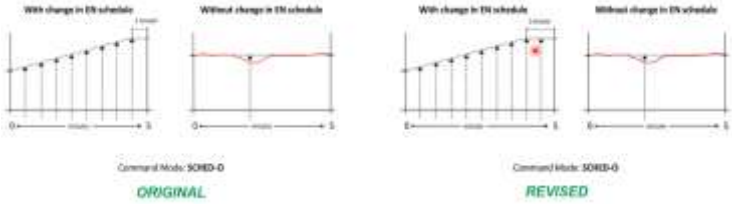
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|  | <p>For example, if a certain generator has a radial configuration, then modelling it to the nearest substation will not have an impact. But for a looped network configuration especially with embedded generators, the simplification will not apply. He also emphasized that the treatment for radially connected network is different from the loop network. He suggested to add the pseudo-line to represent properly the loop network configuration.</p> <p><u>Resolution:</u> Having no additional comments received on the proposal, Mr. Carlito Claudio (Generation) moved for the approval of the proposal, which was seconded by Ms. Lorreto H. Rivera (Supply). The resolution will be presented on the next scheduled meeting.</p>  |
| <p>4. Proposed General Amendments to the WESM Rules and WESM Manuals regarding Market Operator and System Operator Procedures (ORCP-WR-WM-21-07)</p> | <p><u>Presenter:</u> Ms. Divine Gayle C. Cruz (Secretariat)</p> <p><u>Action Requested:</u> For approval for submission to PEM Board</p> <p><u>Presentation Material/s:</u> Annex C</p> <p><u>Proceedings:</u></p> <p>Ms. Cruz informed the RCC that the proposal was previously deliberated during its last regular meeting, however there are still pending items for deliberation from the previous meeting, as follows:</p> <ol style="list-style-type: none"> <li>1. Revised illustration by the IEMOP of Automatic Governor Control (AGC) Commands within 5-minute dispatch interval; and</li> <li>2. Additional revision to IDC Manual (Re-publication of revised Dispatch Instruction Report)</li> </ol> <ul style="list-style-type: none"> <li>• Mr. Olmedo clarified that the revision on the diagram was because the gaps between vertical lines signifies 1-minute in the original version, but these should signify 30-seconds.</li> </ul> |

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|  | <p><b>PENDING ITEMS</b></p> <p>1. Revised Illustration of AGC Commands Within the 5-minute Dispatch Interval</p>  <ul style="list-style-type: none"> <li>IEMOP proposed a timeline of <b><u>“within five (5) working days upon receipt from the System Operator”</u></b> the publication of the revisions to the Dispatch Instruction Report by the System Operator (in csv)</li> </ul> <p><u>Resolution:</u> Having no additional comments received on the proposal, Mr. Francisco Castro (Independent) moved for the approval of the proposal, which was seconded by Mr. Virgilio Fortich Jr. (Distribution). The resolution will be presented on the next scheduled meeting.</p>                                       |
| <p>5. Proposed General Amendments to the WESM Rules and WESM Manual on Billing and Settlement on Harmonization with ERC Decision on Case No. 2017-042RC on Additional Compensation Process</p> | <p><u>Presenter:</u> Ms. Valfia Gregorio (IEMOP)</p> <p><u>Action Requested:</u> For approval for submission to PEM Board</p> <p><u>Presentation Material/s:</u> Annex D – Matrix of the proposal</p> <p><u>Proceedings:</u></p> <p>Ms. Cruz informed the RCC that the proposal was initially presented during its July regular meeting and the deadline for submission of comments was on 01 September 2021.</p> <p>Ms. Valfia Gregorio facilitated the deliberation of comments received and IEMOP's responses.</p> <ul style="list-style-type: none"> <li>On Section 10.1 item b of the Billing and Settlement Manual (BSM), Aboitiz Power Corporation (APC) added <b><u>“or any TP's internal recording”</u></b> for such records to be considered as reference for validation of additional</li> </ul> |



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|        | <p>compensation claims. IEMOP responded that based on ERC's Decision Section 4.4.1, data for the additional claims for Must Run Unit (MRU) shall be based on the Dispatch Deviation Report and System Operator Report of MRU events.</p> <p>Ms. Javier requested clarification that though the proposal is to align with the ERC Decision, will it be possible to deviate from it. Ms. Gregorio answered that for the Proponent's side, the rationale of the proposal is to harmonize with the decision of the PDM. If the body opted to deviate from the ERC's decision, it will be RCC's discretion. She also added that the proposal is merely submission of the general amendment from the previously approved urgent amendment.</p> <p>Ms. Nemeley Jabla (APC) clarified APC's proposed additional wording on Section 10.1. Based on experience, there are differences between the tagging of the generators and the SO's report. Thus, APC would like to suggest if there's a way for the generators to include their records for MO's consideration in the additional compensation for Must Run Units. She also added that there will still be deliberation if the request for additional compensation will be approved or not.</p> <p>Mr. Olmedo responded that there's already an established process for discrepancies. He added that the MO is considering the documentary proofs provided by the generators, if the submission is within the timeline.</p> <p>Mr. Julius Bunyi (IEMOP) reiterated that the proposal was originally submitted as urgent amendment. And the urgent amendment needs to be submitted as a general amendment. Noting the comments received, he added that the MO will closely work with the generators regarding on the timeline and documents so that the generators will be compensated properly.</p> <p>On Ms. Cherry's query if it is allowed to deviate from the ERC's decision, Mr. Isidro Cacho (Market Operator) suggested to seek for a legal opinion. He also added that MO is in support on adding</p> |

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|        | <p>provisions reflecting APC's comments to the proposed wording, thus leaving the decision to the body.</p> <p>Atty. Sheryll Dy (IEMOP) recognized that this was a good time to incorporate additional changes or improvements on the ERC's Decision, however, the proposal's rationale is to harmonize with the Decision. Including additional items on the proposal will defeat the proposal's rationale. She suggested that the improvements or additional changes may be tackled in a different proposal.</p> <p>Atty. De Castro requested clarification on what is considered as "acceptable internal recording". Ms. Javier responded that these are other supporting documents being provided by the Trading Participants. She then suggested re-wording as:</p> <p style="padding-left: 40px;"><u>"When the <i>Trading Participant</i> <b>has a generating unit that</b> is designated as <i>must run unit</i> or <i>constrain-on generating unit</i> <b>as shown in the Dispatch Instruction Report submitted by the System Operator to the Market Operator in accordance with the WESM Rules or relevant market manual or any Trading Participant's</b> <del>internal recording</del> <b>acceptable supporting documents.</b>"</u></p> <p>Ms. Tanglao asked if it is fine not to elaborate what are the considered acceptable documents. Mr. Olmedo said that there's already an existing process on how the additional compensation will be handled which includes validation timeline for the submitted documents requesting for additional claims.</p> <p>Atty. Dy raised that the proposed rewording signifies those other documents will be acceptable, however, the ERC Decision already identified what are the documents to be considered as acceptable.</p> <p>Ms. Jabla queried if the plant operator logs are considered as supporting documents since the plant operators are the ones receiving the instructions. In addition, she reiterated that the process is already existing, just putting it into writing and reflecting it in the rules and manuals. She also expressed her opinion that it</p> |



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|        | <p>is impossible for generators to submit excessive claims considering that the supporting documents are limited.</p> <p>Dr. Allan Nerves (Independent) asked if there is a venue for which the Trading Participants can submit other supporting documents that may be considered for the claims of additional compensation. Mr. Olmedo answered that if there are discrepancies on the reports and those discrepancies are subject for additional claims, the process is in the Dispatch Protocol Manual. MO treats the Dispatch Instruction Report as a valid report and if there are discrepancies raised, the MO accepts the discrepancy reports and validates it with the SO.</p> <p>Ms. Javier reiterated if they could file additional claims with the TP's records. Mr. Castro said that given there is a mechanism, it is allowed to file additional claims with supporting documents. Mr. Olmedo agreed and added that at the end of the day, the MO will still decide and inform the TP if the claims are valid or not.</p> <p>Mr. Richard Arcenal (SPC/SIPC) raised a question on the process of the validation of claims. Based on their experience, if the claim is disapproved the MO will inform TP the result of initial assessment and direct them to contest the result with SO. Mr. Olmedo clarified that the MO will do the initial assessment and discuss the claims with the SO. If the claim is disapproved based on the initial assessment, the MO will inform the TP. However, if the TP disputes the result of the initial assessment, the MO will inform the TP to directly coordinate with SO.</p> <p>Mr. Rosales expressed his agreement to retain the original provision given that the current process already includes the submission of supporting documents. He also explained that calling for MRUs has criteria, and it is more of system security. This is also supported by voice recordings, which can be also considered as supporting document. The original proposed wording does not rule out any other document to be presented.</p> |

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|        | <p>Ms. Cruz informed the body of the response of Atty. Andrea Mendiola (PEMC-Legal) on the query if the RCC can deviate from the ERC's Decision. Atty. Mendiola answered that it would be alright to consider deviating from the decision as long as there is justification to be presented to the ERC for their consideration and approval.</p> <ul style="list-style-type: none"> <li>On Section 10.2.1, Mr. Castro asked how long the difference is on the proposed timeline for filing additional claims during market intervention/suspension is from IEMOP's proposal and the proposed revision of the commenters. Ms. Gregorio said that it will depend on the day when the Market Intervention/Suspension be lifted. Mr. Bunyi also added that the final settlement is issued on the 12<sup>th</sup> of the month. In addition, the MO issues an advisory if the final settlement data is already available.</li> </ul> <p>Mr. Arcenal explained that the context of their proposed revision is to provide all the final data needed prior to the computation of claims. Based on experience, the data used for claims are not yet available with respect to the timeline provided by the ERC Decision.</p> <p>Mr. Castro reiterated that the RCC cannot change immediately the rules if the proposal will deviate from the instructions of the ERC. However, Mr. Bunyi said that they are amendable on the proposed timeline and confirmed that it is doable. Considering that there are no comments received from the body, the RCC approved to adopt the proposed rewording from the commenters.</p> <p>The Secretariat was instructed to reconcile the final wording of Section 10.2.1.</p> <ul style="list-style-type: none"> <li>Atty. Dy pointed out that considering the deviation of RCC's decisions with the ERC's Decisions, the IEMOP will still implement the ERC's decisions pending approval from the DOE and/or ERC on the RCC's approved provisions.</li> </ul> |

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|        | <ul style="list-style-type: none"> <li>On Section 10.2.2, Ms. Gregorio explained that the business days refers to the calendar days considering that IEMOP's business is 24/7. But the working day is a day (except Saturdays and Sundays) on which banks and financial institutions are open in the city or municipality where the principal offices of the Market Operator are located. The RCC decided to retain the business days.</li> </ul> <p>On the additional provision of allowing the submission of electronic/scanned copies of documents, MO is amendable but requested to retain the submission of physical documents considering that some electronic copies are hard to read and unreadable.</p> <p>Ms. Gilda Anne Victorio (APC) suggested that the MO adopt a paperless scheme considering the new normal situation. Also, for unclear copies, MO can still request to resend the files.</p> <p>Ms. Cruz clarified if the body would adopt APC's comments on allowing electronic submission in lieu of the physical documents. Mr. Castro suggested to adopt APC's comments but to retain the physical documents.</p> <p>The RCC modified APC's proposed wordings, allowing to submit electronic/scanned copies but the final validation shall be done after the receipt of physical documents.</p> <ul style="list-style-type: none"> <li>On Section 10.2.4, Ms. Javier highlighted that prior to ERC's Decision, any claim not decided by the MO within the specified timeline is deemed approved. However, based on the ERC Decision, any claim not decided by the MO within the specified timeline is deemed disapproved.</li> </ul> <p>Ms. Karren Ramos (APC) informed the body that the generators only claim for the variable costs and thinks that it is rightful for the generators that if their claim is not acted upon within the specified timeline, then it will be deemed approved.</p> |

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|        | <p>Mr. Cacho said that MO processes the claims within the specified timeline if the documents submitted are complete. MO is amenable with the proposed changes, considering that it is the existing process prior to ERC Decision.</p> <p>Ms. Jabla added some context that the services are already rendered. And for those intervals affected by secondary price cap, the said cap may not be reflective of the true cost of the oil especially for diesel power plants. This will entail financial impact.</p> <p>Ms. Kathleen Estigoy (Secretariat) asked if there are other options for TPs if the “deemed disapproved” will be adopted. Ms. Gregorio responded that based on ERC Decision, any claim that is not acted upon will go through the Dispute Resolution process.</p> <p>Ms. Michelle Tuazon (Generation) expressed her agreement to APC’s comments considering that there is already a timeline provided for the MO to act upon on the claims.</p> <p>Mr. Castro then requested the generator representatives to inform in advance their PEM Board representatives regarding the RCC’s decision that it deviated from the ERC’s Decision.</p> <ul style="list-style-type: none"> <li>On proposed Section 10.4.4, PEMC requested IEMOP to provide a diagram. Ms. Gregorio said that a diagram was already provided and it will be RCC’s decision to include the diagram in the proposal.</li> </ul> <p>Referring to the diagram, Ms. Cruz requested clarification if there are multiple approved claims and the mode of payment is by installment, does the MO need to finish first the staggered payments for Month 0 before starting to pay for the Month 1. Ms. Val responded that there’s no need to finish first the Month 0 before compensating the Month 1.</p> |

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|   | <p><b>COLLECTION OF APPROVED CLAIM FOR A WESM BILLING PERIOD</b></p> <p>Collection for WESM Billing Period 0</p> <p><b>BILLING OF MULTIPLE CLAIMS</b></p> <p>Multiple Approved Claims Covering More Than 1 Billing Period</p> <p>Mr. Fortich, Jr asked regarding the staggered payment, who will determine the amortization. Ms. Gregorio responded that based on ERC decision, it is four (4) months subject to the determination of the rate impact. Mr. Fortich also asked if it will affect the prudential requirement, wherein, Mr. Cacho said that it will have an impact especially when the payment will be depleted.</p> <p><u>Resolution:</u> Having no additional comments received on the proposal, the RCC approved the submission of proposal to PEM Board. The resolution will be presented on the next scheduled meeting.</p> |
| VI. New Business                              |   |
| 1. Proposed Amendments to WESM Rules and WESM | <u>Presenter:</u> Mr. Julius Bunyi (Proponent)  |



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| <p>Manual regarding Reserve Market Provisions as prescribed by DOE DC 2021-03-0009 (ORCP-WR-WM-21-11)</p> | <p><u>Action Requested:</u> For approval for publication to solicit comments</p> <p><u>Presentation Material/s:</u> Annex E</p> <p><u>Proceedings:</u></p> <p>Mr. Bunyi presented the salient points of the proposal, as follows:</p> <ol style="list-style-type: none"> <li>1. The proposal will comply with the provisions of DOE DC 2019-12-0018 and DC 2021-03-0009. This will ensure that WESM Rules and Market Manuals adhere to the Reserve Market Design promulgated by the DOE.</li> <li>2. The proposal will be the basis of IEMOP in upgrading/updating its market systems and internal processes as necessary.</li> <li>3. The proposal will revert provisions on reserve market previously incorporated in the PDM as approved by the DOE.</li> <li>4. Based on DOE's policy, the initial implementation of the reserve market will be the content of the proposal. Necessary rules change for the enhanced reserve market will be submitted upon the direction of the DOE and the ERC.</li> <li>5. The initial and enhanced reserve market design has the following features:             <ul style="list-style-type: none"> <li>○ Co-optimization of energy and reserves</li> <li>○ Gross scheduling of reserve capacities</li> <li>○ Competitive bidding</li> <li>○ Reserve sharing between reserve regions</li> <li>○ Allow scheduling in multiple services</li> <li>○ Single buyer system</li> <li>○ Participation of load facilities is subject to ERC promulgation of accreditation guidelines</li> </ul> </li> </ol> |

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|        | <ul style="list-style-type: none"> <li>○ Status quo on reserve categories (Regulating, Contingency, Dispatchable based on Section 4.1 of DOE Policy)</li> </ul> <p>6. The enhanced reserve market has the following additional features:</p> <ul style="list-style-type: none"> <li>○ PGC 2016 reserve categories (Primary, Secondary, Tertiary)</li> <li>○ Raise and lower services</li> <li>○ Operational caps on reserve schedules</li> </ul> <p>7. Besides the WESM Rules, the following market manuals are proposed to be amended:</p> <ul style="list-style-type: none"> <li>○ Registration, Suspension and De-Registration Criteria and Procedures on the topics on Registration of Ancillary Services Providers and Single Buyer, MDOM Formulation and Pricing Methodology, Submission of Offers, Scheduling and Dispatch Procedures, and Billing and Settlement</li> <li>○ Price Determination Methodology Manual on the topics regarding MDOM Formulation and Pricing Methodology and Billing and Settlement</li> <li>○ Dispatch Protocol Manual on the topics regarding Submission of Offers, Scheduling and Dispatch Procedures</li> <li>○ Billing and Settlement</li> </ul> <p>8. The registration criteria and requirement for AS Providers are as follows:</p> <ul style="list-style-type: none"> <li>○ For generating facilities:             <ul style="list-style-type: none"> <li>▪ Must be registered as a Generation Company</li> <li>▪ Must be a scheduled, battery energy storage or pumped-storage unit</li> </ul> </li> </ul> |

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|        | <ul style="list-style-type: none"> <li>○ For load facilities:               <ul style="list-style-type: none"> <li>▪ Must be registered as a Customer</li> <li>▪ Must submit Projected Maximum Energy Load Requirement</li> </ul> </li> <li>○ Both the generating and load facilities must be certified by SO or any 3<sup>rd</sup> party AS testing entity accredited by ERC and must submit the reserve category or categories it intend to trade, the maximum reserve capability and the validity period for providing AS for each category.</li> <li>○ Reserve Regions are the Luzon, Visayas and Mindanao grids.</li> <li>○ The reserve administered price will be equivalent to the weighted average Reserve Prices for the 4 most recent similar trading days and dispatch intervals (using Reserve Dispatch Schedules)</li> <li>○ The automatic pricing re-run results will include Energy Dispatch Prices and Reserve Prices.</li> <li>○ Reserve quantity will be defined as the difference between what is scheduled and what is contracted by the SO.</li> <li>○ The Reserve Trading Amount (RTA) is the product of Reserve Price multiplied by Reserve Quantity. For each region, there will be a corresponding price every five (5) minutes for each reserve categories. It will be single clearing price for every reserve provider.</li> <li>○ The reserve cost will be recovered from the SO as the single buyer (Section 1.4 of DOE Policy).</li> <li>○ As part of the offer, the control mode would need to be explicitly stated if it will be on</li> </ul> |

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|        | <p>Automatic Generation Control (AGC) of Governor Control Mode (GCM).</p> <ul style="list-style-type: none"> <li>○ The Reserve Effectiveness Factors (REF) was based on NGCP 2014 proposal. IEMOP has already coordinated with the NGCP for inputs on the use of REFs to impose penalties on reserve providers and to incorporate such penalties in settlement amounts.</li> <li>○ Since the SO will become a customer in the market, initial prudential requirement will be put up by the SO.</li> </ul> <ul style="list-style-type: none"> <li>• Mr. Fortich, Jr. inquired the definition of regional price, to which Mr. Bunyi explained that the clearing price for Luzon will be applied to Visayas and Mindanao. Mr. Fortich also asked if the reserve price is consistent with the Ancillary Service Provider Agreement (ASPA) as approved by the ERC. Mr. Bunyi answered that the reserve price that is settled in the market will be based on the offers of the generators. The contracted reserve capacity will be settled based on ASPA outside of WESM.</li> <li>• On the reserve sharing per region, Mr. Rosales requested Mr. Bunyi to further explain it. The latter expounded that based on DOE's policy, Visayas region may provide reserves to Luzon region thru the HVDC. Mr. Carlito Claudio noted that this feature was discussed last year during the AS-TWG Meeting. Considering that the system frequencies of Luzon and Visayas are different because the HVDC line is an asynchronous connection, reserve sharing is currently not possible. However, it was agreed to retain this feature because of the possibility of having an AC connection between the grids in the future. Mr. Rosales agreed to the statement of Mr. Claudio.</li> </ul> |

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|   | <ul style="list-style-type: none"> <li>Mr. Edward Olmedo explained that the proposal only outlines the features of the reserve market. If such feature will not be technically feasible, such will not be enabled. The features only serve as basic guidelines.</li> <li>Mr. Rosales also informed the body on how sudden changes to controls (from automatic control to free-governor) will be treated.</li> </ul> <p>After the discussion, Ms. De Guzman presented the preliminary assessment of the Secretariat. Below are the highlights:</p> <ol style="list-style-type: none"> <li>The proposal adopted the correctness of format and provisions to amended;</li> <li>The Secretariat tagged the proposal as incomplete given that the manual for System Security and Reliability Guidelines (SSRG Manual), which has provisions on reserves, should also be amended for completeness and completeness.</li> </ol> <ul style="list-style-type: none"> <li>Mr. Bunyi responded that SO is primarily responsible for Grid Security and Reliability and should be the appropriate party to submit proposed amendments to the SSRG. Ms. De Guzman clarified with Mr. Bunyi if SO will be the one to submit proposed amendments to SSRG and if this will be on a later date. Mr. Bunyi reiterated that SO will be the best proponent to submit proposal considering that the manual focuses on the system's security which is beyond the scope of MO.</li> </ul> <p><u>Resolution:</u> Having no further comments, Ms. Javier moved to approve the posting of the proposal, which was duly seconded by Mr. Fortich, Jr. The motion was adopted by the body.</p> |
| <p>2. Proposed Amendments to the WESM Registration Manual for General Enhancements to the Application Process of New WESM Members in consideration of DOE</p> | <p><u>Presenter:</u> Ms. Valfia Gregorio (Proponent)</p> <p><u>Action Requested:</u> For approval for endorsement to PEM Board</p> <p><u>Presentation Material/s:</u> Annex F – Matrix of the proposal</p> <p><u>Proceedings:</u></p>  |

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| DC2021-06-0013 entitled “Adopting a General Framework Governing the Test and Commissioning of Generation Facilities” (ORCP-WM-19-20) | Ms. Cruz gave background to the RCC on the proposal that it was previously deferred pending the DOE’s approval on General Framework of Testing & Commissioning. Some items were not yet deliberated since the RCC decided to align the proposal with the general framework of testing & commissioning.   |   |                |                   |                   |  |   |   |
|  | Ms. Gregorio refreshed the RCC that previously, they were instructed to send the summary of changes to the RCC. Most of the changes are aligned with the promulgated DOE DC on Testing & Commissioning. Below is the summary:  |   |                |                   |                   |  |   |   |
|  | <table><tr><th>Section</th><th>IEMOP’s Update</th><th>Reason for Update</th></tr><tr><td rowspan="2"><u>2.5.6.1(f)</u></td><td>1. Backfeed Registration. Applicant <del>may</del> <b><u>shall</u></b> submit a receiving copy...xxx</td><td>We note that WESM Members should be authorized by ERC, thus MO needs to require proof of ERC application (receiving copy of ERC application).</td></tr><tr><td>2. Test and Commissioning Registration. Applicant shall submit an <del>ERC certification allowing the Applicant</del> <b><u>the scheduled date of Test and Commissioning, as coordinated with TNP and SO, for the</u></b> <del>to</del> conduct of test and commissioning. <b><u>Prior to the actual conduct of test and commissioning, the Generation Company shall furnish the MO and SO a copy of its Provisional Certificate of</u></b></td><td>1. Applicant to provide/inform MO with scheduled date of Test and commissioning<br/><br/>2. Harmonization with DOE DC</td></tr></table> | Section   | IEMOP’s Update | Reason for Update | <u>2.5.6.1(f)</u> | 1. Backfeed Registration. Applicant <del>may</del> <b><u>shall</u></b> submit a receiving copy...xxx | We note that WESM Members should be authorized by ERC, thus MO needs to require proof of ERC application (receiving copy of ERC application). | 2. Test and Commissioning Registration. Applicant shall submit an <del>ERC certification allowing the Applicant</del> <b><u>the scheduled date of Test and Commissioning, as coordinated with TNP and SO, for the</u></b> <del>to</del> conduct of test and commissioning. <b><u>Prior to the actual conduct of test and commissioning, the Generation Company shall furnish the MO and SO a copy of its Provisional Certificate of</u></b> |
| Section  | IEMOP’s Update   | Reason for Update   |                |                   |                   |  |   |   |
| <u>2.5.6.1(f)</u>  | 1. Backfeed Registration. Applicant <del>may</del> <b><u>shall</u></b> submit a receiving copy...xxx   | We note that WESM Members should be authorized by ERC, thus MO needs to require proof of ERC application (receiving copy of ERC application). |                |                   |                   |  |   |   |
|  | 2. Test and Commissioning Registration. Applicant shall submit an <del>ERC certification allowing the Applicant</del> <b><u>the scheduled date of Test and Commissioning, as coordinated with TNP and SO, for the</u></b> <del>to</del> conduct of test and commissioning. <b><u>Prior to the actual conduct of test and commissioning, the Generation Company shall furnish the MO and SO a copy of its Provisional Certificate of</u></b>  | 1. Applicant to provide/inform MO with scheduled date of Test and commissioning<br><br>2. Harmonization with DOE DC                           |                |                   |                   |  |   |   |

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|        | <p><b><u>Approval to Connect (PCATC), with additional Clearance to energize from the Transmission Network Provider for embedded generators.</u></b></p> <p>The test and commissioning period of the Applicant shall be as indicated in the <b><u>Provisional Certificate of Approval to Connect</u></b></p> <p><del>ERC certification, if not indicated, within such period from the actual start date of the approved test and commissioning consistent with the prevailing ERC guidelines for the issuance of Certificate of Compliance.</del></p> <p>Applicant shall submit a receiving copy of its application with the ERC for a Certificate of Compliance, together with Form 7 (General Plant Description) duly stamped "received" by the ERC if this was not yet submitted. In case of extended period for Test and Commissioning, the Applicant shall submit <b><u>to the MO the corresponding extended PCATC three (3) working</u></b></p> |

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|        |  | <p><b><u>days from the original expiry date of PCATC ERC certification</u></b><br/>         indicating the approved period for the extended conduct of Test</p> |   |
|        | <b><u>2.5.6.1(g)</u></b>   | (see matrix)  | Suggested for refinements   |
|        | <b><u>2.5.6.1(h)</u></b>   | (see matrix)  | Harmonized with DOE DC  |
|        | 2.5.6 <del>7</del> .2  | (see matrix)  | <p>For (a), (b), (c) for clarity and simplification,</p> <p>For (c) Effectivity timeline harmonized with DOE DC</p> |
|        | 2.5.6 <del>7</del> .3  | (see matrix)  | Harmonized with DOE DC  |
|        | <b><u>5.7.4</u></b>  | (see matrix)  | For deletion due to non-applicability   |
|        | <ul style="list-style-type: none"> <li>On Section 2.5.6.1(f), Ms. Javier informed the body that PIPPA and DOE had a recent meeting, and one of the agreements is that test &amp; commissioning will refer to Grid Compliances Test (GCT).</li> <li>Ms. Javier also noted that there are still pending concerns regarding the additional Clearance for embedded generators. This is still for clarification with DOE.</li> <li>Ms. Javier clarified if the issue on COC or PAO was already resolved. Ms. Gregorio answered that the proposal includes provision on using PAO.</li> </ul> <p><b><u>Resolution:</u></b> Having no further comments, Ms. Ric Gumalal (Distribution) moved to approve the submission of the proposal to</p> |   |   |

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|   | PEM Board, which was duly seconded by Mr. Claudio. The resolution will be presented on the next RCC meeting.   |                    |                |                    |                |             |                                     |             |             |             |             |   |             |             |             |             |   |             |             |             |             |
| 3. Implementation Updates on Approved Urgent Proposals                              | <p><u>Presenter:</u> Secretariat</p> <p><u>Action Requested:</u> For information</p> <p><u>Presentation Material/s:</u> Annex G – Presentation Material</p> <p><u>Proceedings:</u></p> <p>Ms. Cruz gave a background on the urgent proposals endorsed by the RCC and were approved by the PEM Board, as follows:</p> <table><tr><th>PROPOSAL</th><th>RCC APPROVAL</th><th>PEM BOARD APPROVAL</th><th>EFFECTIVE DATE</th><th>EXPIRY DATE</th></tr><tr><td>1. Enhancements to MO-SO Procedures</td><td>30 Mar 2021</td><td>31 Mar 2021</td><td>26 Jun 2021</td><td>26 Dec 2021</td></tr><tr><td>2. Harmonization with ERC Decision on Case No. 2017-042RC (Additional Compensation)</td><td>26 Apr 2021</td><td>28 Apr 2021</td><td>26 Jun 2021</td><td>26 Dec 2021</td></tr><tr><td>3. Automatic Pricing Re-runs for Under-generation and Over-generation</td><td>21 May 2021</td><td>26 May 2021</td><td>26 Jun 2021</td><td>26 Dec 2021</td></tr></table> <ul style="list-style-type: none"><li>Mr. Julius Bunyi (IEMOP) discussed their letter to the RCC containing the implementation updates of urgent proposals, which the latter requested for. Below are the updates:<ol style="list-style-type: none"><li>Amendments to Various WESM Manuals for Enhancements to Market Operator-System Operator Procedures – This documented the current practice of the MO and SO. Procedures specific to the MO have been implemented since 26 June 2021.</li><li>Amendments to WESM Manual on Billing and Settlement on Harmonization with ERC Decision on Case No. 2017-042RC – The system to implement the decision of the ERC has already been certified by the PEM Audit Committee’s (PAC) third-party auditor.</li></ol></li></ul> | PROPOSAL           | RCC APPROVAL   | PEM BOARD APPROVAL | EFFECTIVE DATE | EXPIRY DATE | 1. Enhancements to MO-SO Procedures | 30 Mar 2021 | 31 Mar 2021 | 26 Jun 2021 | 26 Dec 2021 | 2. Harmonization with ERC Decision on Case No. 2017-042RC (Additional Compensation) | 26 Apr 2021 | 28 Apr 2021 | 26 Jun 2021 | 26 Dec 2021 | 3. Automatic Pricing Re-runs for Under-generation and Over-generation | 21 May 2021 | 26 May 2021 | 26 Jun 2021 | 26 Dec 2021 |
| PROPOSAL  | RCC APPROVAL   | PEM BOARD APPROVAL | EFFECTIVE DATE | EXPIRY DATE        |                |             |                                     |             |             |             |             |   |             |             |             |             |   |             |             |             |             |
| 1. Enhancements to MO-SO Procedures   | 30 Mar 2021  | 31 Mar 2021        | 26 Jun 2021    | 26 Dec 2021        |                |             |                                     |             |             |             |             |   |             |             |             |             |   |             |             |             |             |
| 2. Harmonization with ERC Decision on Case No. 2017-042RC (Additional Compensation) | 26 Apr 2021  | 28 Apr 2021        | 26 Jun 2021    | 26 Dec 2021        |                |             |                                     |             |             |             |             |   |             |             |             |             |   |             |             |             |             |
| 3. Automatic Pricing Re-runs for Under-generation and Over-generation               | 21 May 2021  | 26 May 2021        | 26 Jun 2021    | 26 Dec 2021        |                |             |                                     |             |             |             |             |   |             |             |             |             |   |             |             |             |             |



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|  | <p>Procedures specific to the MO have likewise been implemented.</p> <p>3. Amendments to the WESM Rules and WESM Manual on Constraint Violation Coefficients and Pricing Re-runs for Under-generation and Over-generation – Necessary software configuration changes have already been implemented prior to commercial operations on 26 June 2021. Review of the operational impact of CVC values in relation to scheduling and automatic pricing corrections is ongoing.</p> <ul style="list-style-type: none"> <li>• Mr. Fortich, Jr. asked if the software enhancements in relation to proposal no. 3 entailed cost on the part of the market participants. Mr. Bunyi answered that the software enhancement was part of the maintenance cost, and such cost was approved by the ERC as part of MO's budget.</li> <li>• With the expiry of the approval of these proposals by 26 December 2021 or six (6) months after its effective date, the Secretariat proposed for the RCC to request to the PEM Board for extension of effectivity of urgent amendments, considering the lengthy process for promulgating a general amendment and to avoid gaps in the implementation of urgent amendments. Mr. Castro, Jr. advised the Secretariat to proceed with the drafting of the request, which was also agreed to by the body.</li> </ul> <p><u>Resolution:</u> Having no other comments received, the RCC requested the Secretariat to prepare the necessary request for extension of effectivity of the PEM Board-approved urgent proposals.</p> |
| 4. DOE-approved Revised Market Rules/Manuals | <p><u>Presenter:</u> Secretariat</p> <p><u>Action Requested:</u> For information</p> <p><u>Presentation Material/s:</u> Annex H – Presentation Material</p>   |

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| Agenda | Agreements / Action Taken / Action Required   |
|--------|---|
|        | <p><u>Proceedings:</u></p> <p>Ms. De Guzman informed the Committee of the recently promulgated general amendments by the DOE, as follows:</p> <ol style="list-style-type: none"> <li>1. DOE DC2021-07-0022: Adopting Further Amendments to the WESM Manual on CVC for the Implementation of Enhancements to WESM Design and Operations (Provisions for Self-Scheduled Generation) – This amendment aims to include additional CVCs to reflect the dispatch and curtailment hierarchy for non-scheduled, priority dispatch and must-dispatch generating unit classifications, collectively called self-scheduled generating units. The DOE adopted the RCC Resolution No. 2019-13, as proposed.</li> <li>2. DOE DC2021-07-0024: Adopting Further Amendments to WESM Rules for the Operation of the Renewable Energy Market – This amendment aims to harmonize WESM Rules and Retail Rules with the policies stipulated in Section 8 of the Renewable Energy Act of 2008 and the REM Rules.</li> </ol> <p>The Secretariat found out the following:</p> <ul style="list-style-type: none"> <li>• WESM Rules             <ul style="list-style-type: none"> <li>○ The DOE did not adopt RCC's proposal on Clause 4.8.3 or the insertion of the REM Registrar.</li> <li>○ The DOE inserted new clause under 5.2.1.6 (Provision of Information)</li> <li>○ Other provisions that are not specified are adopted by the DOE as proposed in RCC Resolution No. 2020-13.</li> </ul> </li> <li>• Retail Rules             <ul style="list-style-type: none"> <li>○ The DOE did not adopt any of the RCC's proposed amendments.</li> </ul> </li> </ul> <p>The RCC noted the information provided.</p> |



## MEETING MINUTES

Subject/Purpose : 184<sup>th</sup> Rules Change Committee (Regular) Meeting  
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| Agenda   | Agreements / Action Taken / Action Required   |
|--|---|
| VII. Other Matters   |   |
| 1. DOE's Letter regarding Proposed Abolition of Various Market Manuals | <p><u>Presenter:</u> Secretariat</p> <p><u>Action Requested:</u> For information</p> <p><u>Presentation Material/s:</u> Annex I – DOE Letter</p> <p><u>Proceedings:</u></p> <p>Upon the instruction of Mr. Castro, Jr., the Secretariat presented the matters for information of the Committee.</p> <p>Ms. Cruz apprised the Committee that the market manuals for abolition are those that were integrated to the Dispatch Protocol Manual and Price Determination Methodology Manual. As indicated in the letter, the DOE found that the following market manuals do not need the DOE's approval for abolition, since those were not yet promulgated by the DOE, and are within the PEM Board's authority to repeal:</p> <ol style="list-style-type: none"> <li>1. Methodology for Determining the pricing Errors and Price Substitution Due to Congestion for Energy Transactions in the WESM Issue 4.0;</li> <li>2. Segregation of Line Rental Trading Amounts Issue 1.0;</li> <li>3. Procedures for Start Up and Shutdown of Generators Issue 1.0;</li> <li>4. Criteria and Guidelines for the Issuance of Pricing Error Notices and Conduct of Market Re-Run Issue 1.0; and</li> <li>5. Procedure for Determining Ex-Post Nodal Energy Prices Issue 2.0.</li> </ol> <p>Moreover, the abolition of Management of Net Settlement Surplus (NSS) Manual Issue 3.0 is no longer necessary as it was already amended through DOE Department Circular No. 2021-03-0007 entitled Adopting Further Amendments to the WESM Market Manual on Management of Net Settlement Surplus. The</p> |

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|--|--|
|  | <p>Administered Price Determination Methodology (APDM) Issue 6.0 will be considered for abolition in subsequent amendments to the WESM Rules and Market Manuals. Ms. Melanie Papa (DOE Representative) informed the Committee that the draft circular regarding this is already for signature of the DOE Secretary.</p> <p>Ms. Cruz also informed the Committee that the letter of the DOE is being discussed within PEMC, considering the novelty of the process for the PEM Board to abolish a market a manual.</p> <p><u>Resolution:</u> The RCC noted the information provided.</p>    |
| <p>2. Inputs for the Formulation of PEMC's 2022-2024 Strategic Direction</p> | <p><u>Presenter:</u> Secretariat</p> <p><u>Action Requested:</u> For information</p> <p><u>Proceedings:</u></p> <p>Ms. Cruz reminded the members of the RCC that the deadline for answering the survey, as forwarded by the Secretariat, is on 24 September 2021.</p> <p><u>Resolution:</u> The RCC noted the information provided and the deadline for the survey.</p>  |
| <p>3. DOE Public Consultation Updates</p>                                    | <p><u>Presenter:</u> DOE Representative</p> <p><u>Action Requested:</u> For information</p> <p><u>Proceedings:</u></p> <p>Ms. Melanie Papa (DOE) informed the Committee that the department circulars for the following proposals is awaiting publication in the newspaper:</p> <ol style="list-style-type: none"> <li>1. Penalty Manual</li> <li>2. Market Surveillance, Compliance and Enforcement</li> <li>3. Metering Standards, Metering Services Provider Performance and Site-Specific Loss Adjustment</li> </ol> <p><u>Resolution:</u> The RCC noted the information provided.</p> |

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| Agenda  | Agreements / Action Taken / Action Required   |
|---|---|
| <p>4. PEMC Announcements:</p> <ul style="list-style-type: none"> <li>• Call for Nomination for WGC Members</li> <li>• WCO Summit</li> </ul> | <p><u>Presenter:</u> Secretariat</p> <p><u>Action Requested:</u> For information</p> <p><u>Presentation Material/s:</u> Annex J – Presentation Material</p> <p><u>Proceedings:</u></p> <p>A. Call for Nomination for WGC Members</p> <ul style="list-style-type: none"> <li>• Ms. Cruz presented the positions in the WESM Governance Committee, which were opened for nomination, as follows:</li> </ul> <p><b>Deadline of Submission: 24 September 2021</b></p> <ul style="list-style-type: none"> <li>○ Compliance Committee (3 independent members)</li> <li>○ Dispute Resolution Administrator (1 independent member)</li> <li>○ Market Surveillance Committee (2 independent members)</li> <li>○ PEM Audit Committee (3 independent members)</li> <li>○ Rules Change Committee (3 independent members)</li> <li>○ Technical Committee (1 independent member)</li> </ul> <ul style="list-style-type: none"> <li>• In addition, Ms. Dianne De Guzman (Secretariat) informed the Committee that the three (3) seats in the RCC, which were opened for nomination is currently being held by Atty. Maila De Castro (3rd term), Mr. Leodegario Francisco Castro, Jr (3rd term). and Mr. Allan C. Nerves (2nd term), whose terms expired last 13 September 2021.</li> <li>• Ms. De Guzman also presented the terms of the current RCC members, to which Ms. Javier asked on the timing of the nomination for sectoral representatives since it appears that the recent call for nomination is for independent members only. Ms. Varquez responded that as relayed by the Office of the Corporate Secretary, the schedule and process of nomination will be for discussion with the PEMC Board Selection Committee (BSC) next week and that self-nomination is also accepted. She also confirmed that the call for nomination is only applicable for the independent members.</li> </ul> |

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| Agenda | Agreements / Action Taken / Action Required  |
|--------|--|
|        | <ul style="list-style-type: none"> <li>Ms. Varquez also informed the body that there is an automatic hold-over status for those expired terms, as stated in Guidelines Constituting the Board Committees, until the PEM Board will appoint a new member or re-appoint the current member. Also, as confirmed with the OCS, self-nomination is allowed for the vacant positions for those interested.</li> <li>Mr. Fortich, Jr. inquired whether it will be the sector who will choose its nominee, or it will be the BSC which will directly decide on the sectoral representative. Ms. Varquez clarified that the BSC will initiate the communication and publication of the call for nomination as its starting point. The BSC may opt to gather recommendation from respective sectors or open it to all.</li> <li>Mr. Castro, Jr. clarified if the members whose terms have expired are still allowed to continue their function even if they already reached the 3<sup>rd</sup> term, to which Ms. Cruz answered in the affirmative as the Guidelines Governing the Constitution of the PEM Board Committees allows for such automatic hold-over.</li> </ul> <p>B. WCO Summit</p> <ul style="list-style-type: none"> <li>Ms. De Guzman notified the Committee that PEMC's Enforcement and Compliance Office will be conducting a WESM Compliance Officer Summit on 23-24 September 2021. Among other activities of the program is a feature presentation by Aboitiz Power and Meralco regarding the framework of the WESM Compliance Programs within their organizations. The members of the RCC were encouraged to attend the summit.</li> </ul> |

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| Agenda                     | Agreements / Action Taken / Action Required   |
|----------------------------|---|
|                            | <p><b>WCO SUMMIT</b></p> <div style="display: flex; justify-content: space-around;"> <div style="border: 1px solid #ccc; padding: 5px; width: 45%;"> <p><b>23 September 2021, Thursday</b></p> <ul style="list-style-type: none"> <li>• <b>Welcome Remarks</b><br/>PEMC President Leonardo J. Pulido III</li> <li>• <b>Keynote Speech</b><br/>PEMC Chief Governance Officer Ellen Hayes E. Mides</li> <li>• <b>WCO Annual Report for 2020</b></li> <li>• <b>Module on Enhanced Compliance and Investigation Process</b></li> <li>• <b>Open Forum</b></li> <li>• <b>Getting to Know our WCOs (Luzon/Visayas/Mindanao)</b></li> <li>• <b>Game KMS? Elimination Round</b></li> <li>• <b>Feature Presentation</b><br/>G/N Power Biniglaan LLC, Co.<br/>Let's get to know the company behind the biggest supercritical coal-fired power plant in the country to date</li> </ul> </div> <div style="border: 1px solid #ccc; padding: 5px; width: 45%;"> <p><b>24 September 2021, Friday</b></p> <ul style="list-style-type: none"> <li>• <b>Opening Remarks</b><br/>PEMC Board Chairman Noel V. Alchico</li> <li>• <b>Market Governance Highlights of 2020</b></li> <li>• <b>Module on Customer and Service Provider Obligations</b></li> <li>• <b>Module on MSP Performance Standards and Rating</b></li> <li>• <b>Open Forum</b></li> <li>• <b>Feature Presentation</b><br/>Abotitower, ABALCO<br/>These two WERM Members will share the framework of the WERM Compliance Program within their organizations</li> <li>• <b>Game KMS? Championship Round</b></li> <li>• <b>Awarding of Generators and MSPs</b></li> <li>• <b>Closing Remarks</b><br/>Market Surveillance Committee Chairman Francis V. Mapile</li> </ul> </div> </div> |
| VIII. Schedule of Meetings | <p><u>Presenter:</u> Ms. Divine Gayle C. Cruz (Secretariat)</p> <p><u>Action Requested:</u> For information</p> <p><u>Proceedings:</u></p> <p>The RCC noted on the following schedule of meetings:</p> <ul style="list-style-type: none"> <li>• PEM Board Meeting             <ul style="list-style-type: none"> <li>○ 29 September 2021</li> </ul> </li> <li>• RCC Regular Meeting             <ul style="list-style-type: none"> <li>○ 15 October</li> <li>○ 19 November</li> <li>○ 17 December</li> </ul> </li> </ul>  |
| IX. Adjournment            | <p>The meeting was adjourned at 03:27 PM, with 12 principal members and 2 alternate members.</p>  |

## MEETING MINUTES

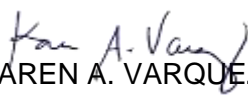
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Prepared by:

  
DIANNE L. DE GUZMAN  
Specialist, Rules Review Division  
Market Assessment Group

Reviewed by:

  
KAREN A. VARQUEZ  
Manager, Rules Review Division  
Market Assessment Group

Noted by:


  
JOHN MARK S. CATRIZ  
Head, Market Assessment Group

Approved by:


MAILA G. DE CASTRO  
Chairman, Independent

  
FRANCISCO LEODEGARIO R. CASTRO, JR.  
Member, Independent

  
ALLAN C. NERVES  
Member, Independent

  
CONCEPCION I. TANGLAO  
Member, Independent

  
DIXIE ANTHONY R. BANZON  
Member, Generation Sector  
Masinloc Power Partners Co. Ltd. (MPPCL)

  
CHERRY A. JAVIER  
Member, Generation Sector  
Aboitiz Power Corp. (APC)

  
CARLITO C. CLAUDIO  
Member, Generation Sector  
Millennium Energy, Inc. / Panasia Energy, Inc.  
(MEI/PEI)

MARK D. HABANA  
Member, Generation Sector  
Vivant Corporation – Philippines (Vivant)



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RYAN S. MORALES  
Member, Distribution Sector  
Manila Electric Company (MERALCO)

A blue ink signature of Virgilio C. Fortich, Jr.

VIRGILIO C. FORTICH, JR.  
Member, Distribution Sector  
Cebu III Electric Cooperative, Inc. (CEBECO III)

A blue ink signature of Ricardo G. Gumalal.

RICARDO G. GUMALAL  
Member, Distribution Sector  
Iligan Light and Power, Inc. (ILPI)

A blue ink signature of Nelson M. Dela Cruz.

NELSON M. DELA CRUZ  
Member, Distribution Sector  
Nueva Ecija II Area 1 Electric Cooperative, Inc.  
(NEECO II – Area I)

A blue ink signature of Lorreto H. Rivera.

LORRETO H. RIVERA  
Member, Supply Sector  
TeaM (Philippines) Energy Corporation (TPEC)

A blue ink signature of Isidro E. Cacho, Jr.

ISIDRO E. CACHO, JR.  
Member, Market Operator  
Independent Electricity Market Operator of the  
Philippines (IEMOP)

A blue ink signature of Ambrocio R. Rosales.

AMBROCIO R. ROSALES  
Member, System Operator  
National Grid Corporation of the Philippines  
(NGCP)

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Annex A – Proposed Revisions to PEM Board-Amendments to Provisions Related to Audit and Performance Monitoring Under the WESM Rules, Retail Rules, PEM Audit Manual, and Guidelines Governing the Constitution of the PEM Board)



## **Proposed Revisions on the DOE Remanded Proposals on Audit and Performance Monitoring**

**17 SEPTEMBER 2021**

ONLINE

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Annex A – Proposed Revisions to PEM Board-Amendments to Provisions Related to Audit and Performance Monitoring Under the WESM Rules, Retail Rules, PEM Audit Manual, and Guidelines Governing the Constitution of the PEM Board)

## THE PROPONENT

---

- The proponent is the PEM Audit Committee (PAC)



2

## OUTLINE



**ACTION  
REQUESTED**



**RATIONALE OF THE  
PROPOSAL**



**SUMMARY OF THE  
PROPOSAL**



**OTHER RELEVANT  
MATTERS**



3

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Annex A – Proposed Revisions to PEM Board-Amendments to Provisions Related to Audit and Performance Monitoring Under the WESM Rules, Retail Rules, PEM Audit Manual, and Guidelines Governing the Constitution of the PEM Board)

## **ACTION REQUESTED**

---

- For discussion and approval of revised proposed amendments to WESM Rules and PEM Audit Manual on the option of engaging the services of PEMC Internal Audit Department



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## RATIONALE OF THE PROPOSAL

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- › To comply with the directive of the PEM Board regarding the remanded proposals on audit and performance monitoring in its meeting on 25 August 2021



5

## Proposed additional provision in the WESM Rules

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- Additional provision in the WESM Rules:

### Section 1.4.7.1

The *Governance Arm*, through the *PEM Board* shall establish such unit or units within the *Governance Arm* which shall have the following powers and functions:

xx

xx

#### (c) An internal audit unit that will:

- i. Provide check and balance within the company
- ii. Examine and evaluate adequacy and effectiveness of controls in existing policies, systems, procedures, standards and practices of management
- iii. Verify that policies approved by the PEM Board are implemented by the Management
- iv. Conduct audit/review required in the WESM Rules and Manuals as may be requested by the Board Audit Committee and the PEM Audit Committee



6

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Annex A – Proposed Revisions to PEM Board-Amendments to Provisions Related to Audit and Performance Monitoring Under the WESM Rules, Retail Rules, PEM Audit Manual, and Guidelines Governing the Constitution of the PEM Board)

## Proposed provision in the PEM Audit Manual

- Additional provision in the PEM Audit Manual that will refer to the guideline:

### Section 4 (Engagement of **Qualified Auditors**)

4.1 To ensure sufficient and adequate expertise, Pursuant to WESM Rules Clause 5.2.6.4, and Clause 1.5.1 of the Retail Rules, the PEM ~~Auditor~~**Audit Committee** may, subject to the PEM Board approval may engage the services of independent persons or teams or companies of **qualified team of auditors**, special expertise, to act as in the following:

xx

xx

**The PEM Audit Committee may engage the services of *Independent Auditors* or the PEMC internal Audit Team unit of the *Governance Arm* or request to contract *Independent Auditors*. The internal audit unit of the *Governance Arm* must have the sufficient and adequate expertise, certifications, and resources for the conduct of applicable audits and have completed the required capacity building and training.**

**The PEM Audit Committee shall define the guidelines in engaging the services of the internal audit unit of the *Governance Arm* for the conduct of applicable audits.**



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Annex A – Proposed Revisions to PEM Board-Amendments to Provisions Related to Audit and Performance Monitoring Under the WESM Rules, Retail Rules, PEM Audit Manual, and Guidelines Governing the Constitution of the PEM Board)

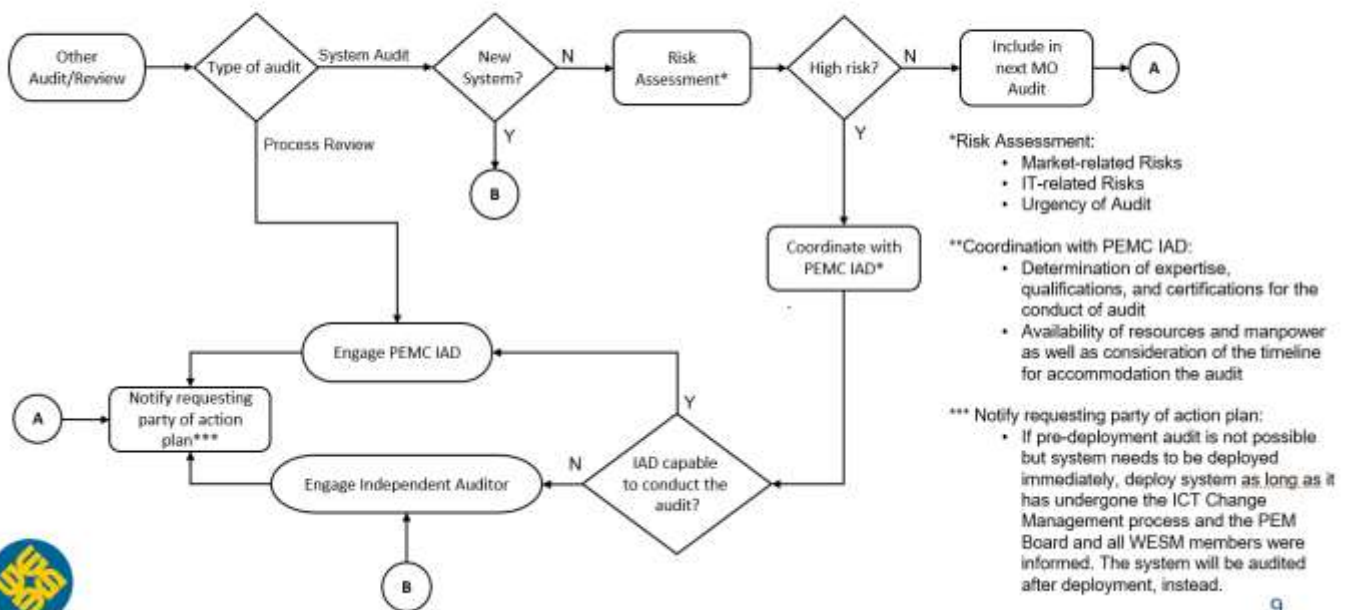
## General guidelines

1. Regular audits/review – required under the WESM Rules and Manuals and **will be conducted by Independent Auditors**
  - a. MO Audit, including CRB
  - b. RMIA
2. Other audits/reviews – audits/review required under the WESM Rules and Manuals as may be requested by the MO, or directed by PEM Board, DOE, and ERC and **will be conducted by either Independent Auditors or the PEMC Internal Audit Team**
  - a. Process review – review of processes to identify compliance with the provisions of Market Rules and Manuals, ERC/DOE issuances and internal business process
  - b. System audit – certification audit of new system or enhancements to existing system to determine consistency with the provisions of Market Rules and Manuals, ERC/DOE issuances, and software specifications



8

## Proposed decision flowchart for the engagement of IAD/external auditor



9

Annex A – Proposed Revisions to PEM Board-Amendments to Provisions Related to Audit and Performance Monitoring Under the WESM Rules, Retail Rules, PEM Audit Manual, and Guidelines Governing the Constitution of the PEM Board)

## OTHER RELEVANT MATTERS

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- The guidelines will be owned and promulgated by PAC and will be subject to review by the RCC and the PEM Board.



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Annex A – Proposed Revisions to PEM Board-Amendments to Provisions Related to Audit and Performance Monitoring Under the WESM Rules, Retail Rules, PEM Audit Manual, and Guidelines Governing the Constitution of the PEM Board)

## ACTION REQUESTED

---

- For discussion and approval of revised proposed amendments to WESM Rules and PEM Audit Manual on the option of engaging the services of PEMC Internal Audit Department



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# THANK YOU!

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Annex B – TC's Comments on the Proposed Amendments to WESM Manuals for Improvements to Market Resource Modelling and Monitoring (ORCP-WM-21-04)



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Annex B – TC's Comments on the Proposed Amendments to WESM Manuals for Improvements to Market Resource Modelling and Monitoring (ORCP-WM-21-04)

## PENDING ITEMS

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1. RCC's Decision in the Sample Looping Diagram (TC's Comments and IEMOP's Responses)
2. Statistics on Simplification – ***submitted***

Annex B – TC's Comments on the Proposed Amendments to WESM Manuals for Improvements to Market Resource Modelling and Monitoring (ORCP-WM-21-04)

|   | TC's Comment  | IEMOP's Response   | TC's Reply  |
|---|---|--|---|
| 1 | The diagram is not acceptable. It should be illustrated using power flows. If this will be posted as part of a public PEMC Rule, it won't stand public scrutiny | We take note of the TC's comment. However, we wish to note that the main purpose is to identify the market trading node unto which a downstream generator resource will be associated with. <i>i.e</i> the market trading node of the downstream generating unit. Such simplification needs to be performed due to the absence of Remote Terminal Unit (RTU) or real-time monitoring points which will provide the connection configuration of the lines and resources in real-time. Thus, there is no need to illustrate using power flows as this simply illustrate how a sample looped network will be simplified in the MNM. | I hope the proponents will pursue the proper way of doing this. As part of the Rules, this manual establishes <b>how modelling is being done</b> . From the way the proposed Rules are worded, together with this diagram, we are telling the public "hey, let us connect that to the nearest substation". Implicitly we are telling the public that it is technically sound to connect it to the nearest S/S while we do know it is not. |
|   |   | As requested we provided a SAMPLE illustration. We wish to reiterate that the proposed change was only intended to illustrate a process, not a power flow sample.  | Any network reduction or simplification will necessarily require power flow analysis.   |

|   | TC's Comment  | IEMOP's Response  | TC's Reply   |
|---|---|---|--|
| 2 | For IEMOP's further clarifications;<br><br>a. Does the IEMOP simply assign each EG to the nearest GXP (for a large distribution network [no need to name] with six grid exit points (GXP) and about a dozen embedded generators)? | No. We wish to reiterate that the simplification process for the MNM is dictated by the availability real-time monitoring facilities (or RTUs), If there are sufficient real-time monitoring facilities then no simplification is necessary. But in cases where there are limited real-time monitoring facilities, then a simplification maybe required in order to enable a resource to participate in the scheduling and pricing process of the WESM. | The context of this discussion is indeed on the absence of RTU or limited real-time monitoring facilities. |
|   |   | As mandated under the Rules and MNM manual, we are bound to model up to the major interconnection points to limit issues with non-modelling of looped networks, but again, the proposed simplification process is the next available solution. Hence, EGs are modelled to the nearest major substation available in the model.  | When we say <i>nearest major substation</i> do we literally base this on physical distances (in km)?       |
|   | b. Are the models and simulations validated against meter readings?   | Not necessarily. However, real-time data is continuously validated for accuracy with reference to meter readings.   | -  |

Annex B – TC's Comments on the Proposed Amendments to WESM Manuals for Improvements to Market Resource Modelling and Monitoring (ORCP-WM-21-04)

number of cases where such simplification is being done

| <b>Region</b> | <b>No. of Registered Generators<br/>(as of 20 Aug 2021)</b> | <b>No. of Registered Generators<br/>Modelled at<br/>Nearest Substation</b> |
|---------------|---|--|
| Luzon         | 185   | 73 (39%)   |
| Visayas       | 87  | 54 (62%)   |

Annex C – Proposed General Amendments to the WESM Rules and WESM Manuals regarding Market Operator and System Operator Procedures (ORCP-WR-WM-21-07)



# PROPOSED GENERAL AMENDMENTS TO THE WESM RULES AND WESM MANUALS REGARDING MARKET OPERATOR AND SYSTEM OPERATOR PROCEDURES

17 September 2021

184<sup>th</sup> RCC Regular Meeting via Microsoft Teams



A Premier Electricity Market & Champion of Governance

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Annex C – Proposed General Amendments to the WESM Rules and WESM Manuals regarding Market Operator and System Operator Procedures (ORCP-WR-WM-21-07)

## PENDING ITEMS

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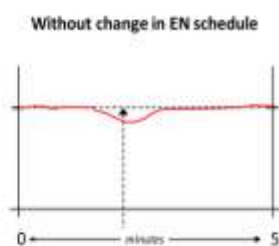
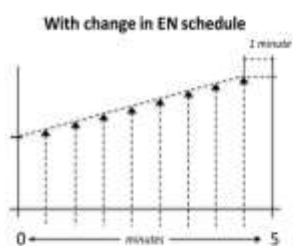
1. Revised Illustration of AGC Commands Within the 5-minute Dispatch Interval – ***submitted***
2. Additional revision to IDC Manual (Re-publication of revised Dispatch Instruction Report)



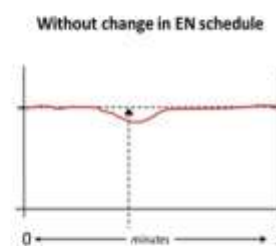
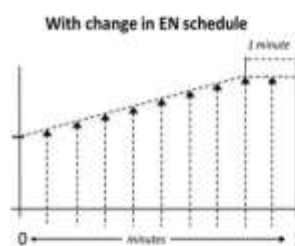
## Annex C – Proposed General Amendments to the WESM Rules and WESM Manuals regarding Market Operator and System Operator Procedures (ORCP-WR-WM-21-07)

# PENDING ITEMS

## 1. Revised Illustration of AGC Commands Within the 5-minute Dispatch Interval



Command Mode: SCHED-O

**ORIGINAL**

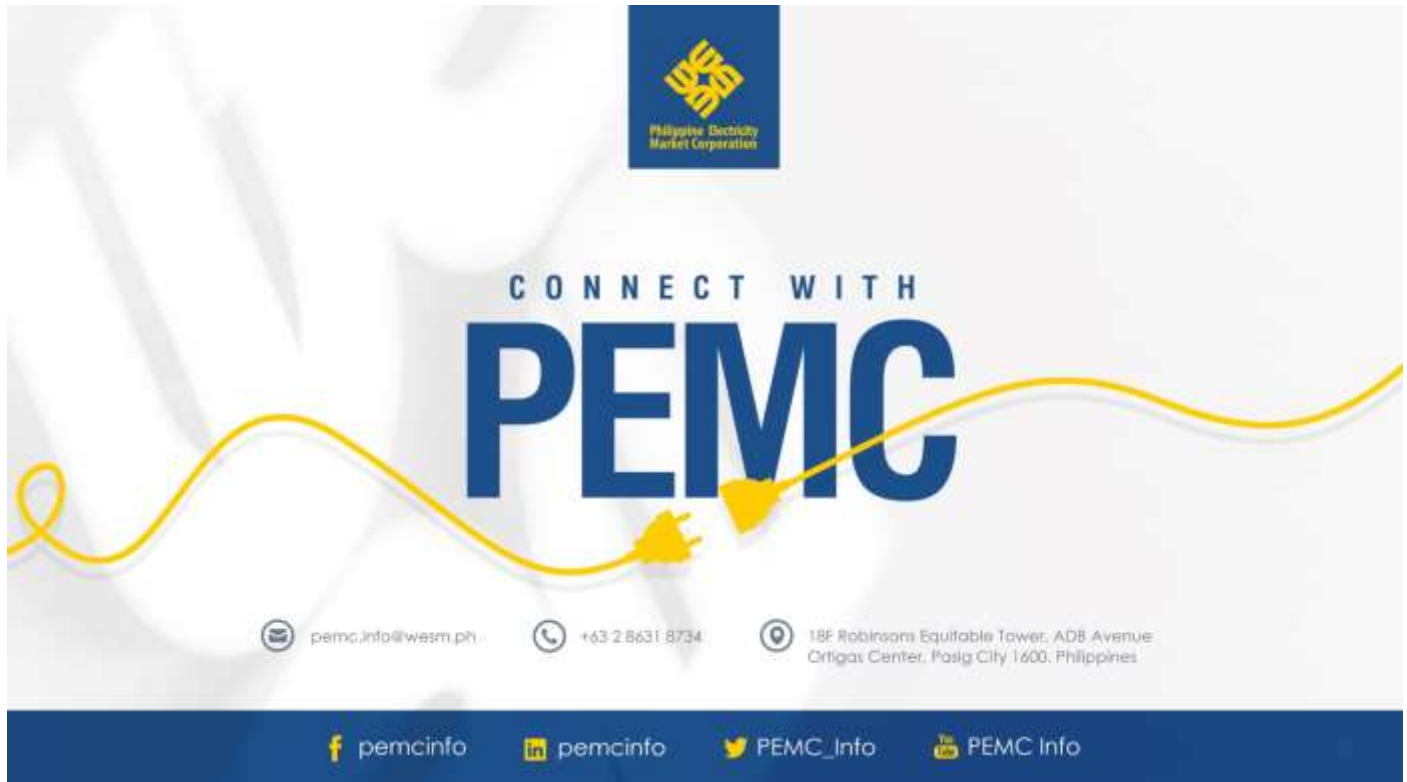
Command Mode: SCHED-O

**REVISED**

Proposed General Amendments to the WESM Rules and WESM Manuals regarding Market Operator and System Operator Procedures

3

Annex C – Proposed General Amendments to the WESM Rules and WESM Manuals regarding Market Operator and System Operator Procedures (ORCP-WR-WM-21-07)



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Annex D – Proposed General Amendments to the WESM Rules and WESM Manual on Billing and Settlement on Harmonization with ERC Decision on Case No. 2017-042RC on Additional Compensation Process

# COLLECTION OF PAYMENT FOR ADDITIONAL COMPENSATION

—  
For Reference



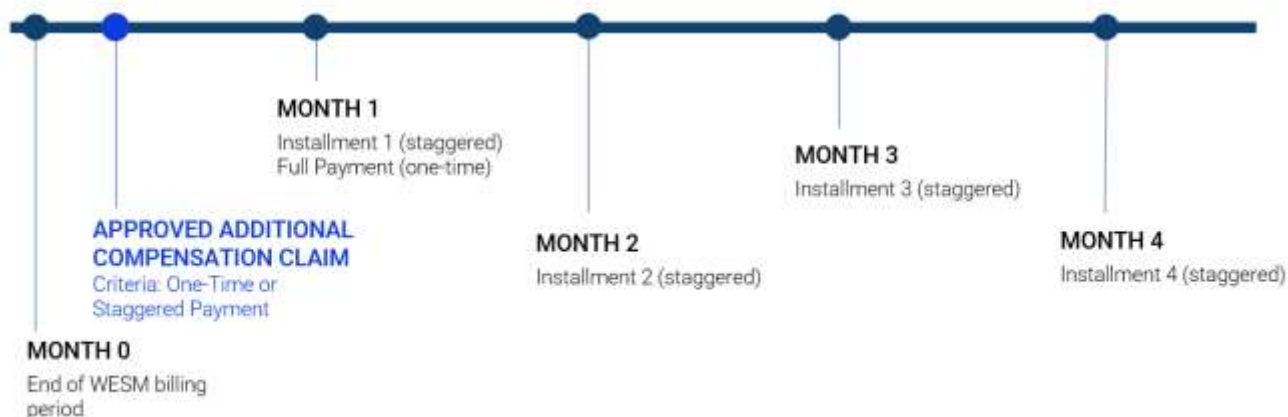
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Annex D – Proposed General Amendments to the WESM Rules and WESM Manual on Billing and Settlement on Harmonization with ERC Decision on Case No. 2017-042RC on Additional Compensation Process

Collection of Approved Claim for a WESM Billing Period 2

## COLLECTION OF APPROVED CLAIM FOR A WESM BILLING PERIOD

### Collection for WESM Billing Period 0



Annex D – Proposed General Amendments to the WESM Rules and WESM Manual on Billing and Settlement on Harmonization with ERC Decision on Case No. 2017-042RC on Additional Compensation Process

Billing of Multiple Claims 3

## BILLING OF MULTIPLE CLAIMS

### Multiple Approved Claims Covering More Than 1 Billing Period



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Annex D – Proposed General Amendments to the WESM Rules and WESM Manual on Billing and Settlement on Harmonization with ERC Decision on Case No. 2017-042RC on Additional Compensation Process



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Annex D – Proposed General Amendments to the WESM Rules and WESM Manual on Billing and Settlement on Harmonization with ERC Decision on Case No. 2017-042RC on Additional Compensation Process

| Title | Clause | Provision | Proposed Amendment | Rationale | Comments  | Proposed Wording based on Comments | Proponent's Response   | RCC Decision |
|-------|--------|-----------|--------------------|-----------|---|------------------------------------|--|--------------|
|       |        |           |                    |           | <p><i>Please write general comments here.</i></p> <p><b>PEMC:</b></p> <p>Please consider incorporating the:</p> <ol style="list-style-type: none"><li>Recommendation of the CRSS auditor to include the calculation of the additional compensation claim amount in the subject Manual.</li></ol> <p>Additional Compensation=Additional Claim Quantity ×(Approved Rate-Final Energy Dispatch Price)</p> <ol style="list-style-type: none"><li>ERC Order dated 03 March 2021 on ERC Case 2017-042RC (PDM) as reference.</li></ol> |                                    | <ol style="list-style-type: none"><li>IEMOP to submit a separate rules change proposal on this.</li><li>The additional compensation billing process was applied to all pricing conditions in these</li></ol> |              |





Annex D – Proposed General Amendments to the WESM Rules and WESM Manual on Billing and Settlement on Harmonization with ERC Decision on Case No. 2017-042RC on Additional Compensation Process

| Title | Clause | Provision | Proposed Amendment   | Rationale | Comments | Proposed Wording based on Comments  | Proponent's Response   | RCC Decision   |
|-------|--------|-----------|--|-----------|----------|---|--|--|
|       |        |           | <p><u>shown in the Dispatch Instruction Report submitted by the System Operator to the Market Operator in accordance with the WESM Rules or relevant market manual; or</u></p> <p>c) <u>When the Trading Participant has a generating unit that was scheduled and dispatched as a constrained-on generator in dispatch intervals when price substitution methodology due to congestion was applied; or</u></p> <p>d) <u>A Trading Participant has a generating unit that was scheduled and dispatched in dispatch intervals when price mitigation measure imposed by the ERC or other competent government agency was applied may also be entitled to additional compensation in</u></p> |           |          | <p><u>constrain-on generating unit as shown in the Dispatch Instruction Report submitted by the System Operator to the Market Operator in accordance with the WESM Rules or relevant market manual or any TP's internal recording; or</u></p> | <p>aligned/harmonized with the ERC Decision.</p> <p>In Section 4.4.1 of the ERC Decision, the verification of data for additional claim for MRUs shall be based on the Dispatch Deviation Report and System Operator Report of MRU events.</p> | <p><u>Operator to the Market Operator in accordance with the WESM Rules or relevant market manual or any Trading Participant's internal recording acceptable supporting documents.</u></p> |



Annex D – Proposed General Amendments to the WESM Rules and WESM Manual on Billing and Settlement on Harmonization with ERC Decision on Case No. 2017-042RC on Additional Compensation Process

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|--------------------------------------|--------|-----------|---|--|----------|------------------------------------|----------------------|--------------|
|                                      |        |           | <u>accordance with and subject to the conditions set out in the issuance of the <i>ERC</i> or the competent government agency that imposed the price mitigation measure. In case of conflict between the provisions of this <i>Market Manual</i> and said issuances in respect to payment of compensation to affected <i>Trading Participants</i>, the latter issuances shall prevail.</u>  |  |          |                                    |                      |              |
| CRITERIA FOR ADDITIONAL COMPENSATION |        |           | <u>10.1.2 In the event that two (2) or more of the conditions occur in the same <i>dispatch interval</i> and a <i>Trading Participant</i> is entitled to additional compensation due to more than one condition, the <i>Trading Participant</i> and the <i>Market Operator</i> shall adhere with the procedures and timelines of the condition with the highest priority based on the following hierarchy:</u><br><br>a) <u>Claim category in Section 10.1.1(a)</u> | Include a hierarchy in cases when two or more conditions are present. The proposed hierarchy is consistent with the order applied when determining the final energy dispatch price for a dispatch interval provided under Section 4.12 of the Price Determination Methodology Manual |          |                                    |                      | Adopt        |

Annex D – Proposed General Amendments to the WESM Rules and WESM Manual on Billing and Settlement on Harmonization with ERC Decision on Case No. 2017-042RC on Additional Compensation Process

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|------------------|--------|--|---|---|---|--|---|---|
|                  |        |  | b) <u>Claim category in Section 10.1.1(d)</u><br>c) <u>Claim category in Section 10.1.1(c)</u><br>d) <u>Claim category in Section 10.1.1(b)</u>   |   |   |  |   |   |
| FILING OF CLAIMS | 10.2.1 | <p>Trading Participants shall submit the written claim for additional compensation within the allowable timeframe, as follows:</p> <p>a) <i>Market suspension or market intervention</i> – fourteen (14) days after the resumption of the market; and</p> <p>b) <i>Must-run unit or constrain-on generating unit</i> – within one (1) year after the trading participant was designated as MRU or constrain-on generating unit.</p> <p>Any claims not filed within such period shall be deemed waived.</p> | <p>Trading Participants shall submit the written claim for additional compensation within the allowable timeframe, as follows:</p> <p>a) <i>Market suspension or market intervention</i> – <u>not later than</u> fourteen (14) <u>working</u> days after the resumption of the market; and</p> <p>b) <i>Must-run unit or constrain-on generating unit</i> – within one (1) year after <u>from the time</u> the <u>affected</u> trading participant was designated <u>complied with dispatch instructions</u> as MRU or constrain-on generating unit;</p> <p>c) <u>Constrained-on generators in dispatch intervals when the price substitution methodology due to congestion was applied – not later</u></p> | <p>Harmonize with the timelines for filing of claims provided under the following sections of the ERC Decision:</p> <ul style="list-style-type: none"><li>PSM: 4.4.2.4.1</li><li>Price Mitigation Measure: 4.4.2.2.1</li></ul> <p>For market suspension or market intervention, ERC Decision Section 4.4.2.3.1 uses the word “days” only. For consistency with the PSM and Price Mitigation Measure timelines, it is also proposed that the timeline be set to 14 “working days”.</p> | <p><b>APC:</b></p> <ul style="list-style-type: none"><li>What is the rationale for having a different timeline for 10.2.1.a and 10.2.1.b?</li><li>It will be more reasonable if the deadline of the claim is 14 working days from receipt of the Final Settlement Data from IEMOP. This suggestion will address potential double work on the concerned parties that will validate and revalidate the data submitted. Since final IEMOP and NGCP data are available only every 15th of the</li></ul> | <p><b>APC:</b></p> <p>Trading Participants shall submit the written claim for additional compensation within the allowable timeframe, as follows:</p> <p><del>a) Market suspension or market intervention – fourteen (14) days after the resumption of the market; and</del></p> <p><del>b) Must run unit or constrain-on generating unit – within one (1) year after the trading participant was designated as MRU or constrain-on generating unit.</del></p> <p><u>within 14 working days from receipt of the Final Settlement Data from IEMOP</u></p> | <p>Retain original proposed amendments. The proposed amendments are aligned/harmonized with the ERC Decision.</p> | <p>Adopt APC and SIPC's suggested revisions</p> <p>For RRD's checking</p> |

Annex D – Proposed General Amendments to the WESM Rules and WESM Manual on Billing and Settlement on Harmonization with ERC Decision on Case No. 2017-042RC on Additional Compensation Process

| Title | Clause | Provision | Proposed Amendment  | Rationale   | Comments   | Proposed Wording based on Comments  | Proponent's Response  | RCC Decision |
|-------|--------|-----------|---|---|--|---|---|--------------|
|       |        |           | <p>than fourteen (14) <u>working days after the trading day when the generating unit was constrained-on;</u></p> <p>d) <u>Qualified Trading Participants in dispatch intervals when price mitigation measure was applied – not later than fourteen (14) working days after the imposition of the price mitigation measure has been lifted, unless a different period is set out in the relevant issuance of the ERC or competent agency imposing the price mitigation measure.</u></p> <p>Any claims not filed within such period shall be deemed waived.</p> | <p>The timeline for MRU and MOT are retained to one (1) year as provided under ERC Decision Sections 4.4.2.1.1 and 4.4.2.5.1.</p> | <p>following month and books are usually closed every 10th of the month, it is only by that time that the final number for claim will be available.</p> <p><b>SPC:</b></p> <p>Amount on the written additional compensation claim should have basis (i.e. Fuel Consumption and Inventory Report, WESM Final Bill and Settlement Data, etc.). However, in complying with the ERC's filing timelines/deadlines the basis of additional</p> | <p><u>except for Must-run unit or constrain-on generating unit – within one (1) year after from the time the affected trading participant was designated complied with dispatch instructions as MRU or constrain-on generating unit;</u></p> <p>Any claims not filed within such period shall be deemed waived.</p> <p><b>SPC:</b></p> <p>Trading Participants shall submit the written claim for additional compensation within the allowable timeframe and basis of computation, as follows:</p> <p>a) <i>Market suspension or market intervention – not later than fourteen (14) working days after the resumption</i></p> | <p>Retain original proposed amendments. The proposed amendments are aligned/harmonized with the ERC Decision.</p> |              |



Annex D – Proposed General Amendments to the WESM Rules and WESM Manual on Billing and Settlement on Harmonization with ERC Decision on Case No. 2017-042RC on Additional Compensation Process

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|-------|--------|-----------|--------------------|-----------|--|---|----------------------|--------------|
|       |        |           |                    |           | <p>compensation claim may not be available yet, especially when AP, SEC, etc. happens during the start, early days or week of a particular billing period. Thus, we could not yet compute for our actual additional compensation claims because the mentioned supporting documents will be available days after the end of a particular billing period.</p> <p>In relation to the above concerns, we hope that the Generators and IEMOP can a doable and practical filing timelines/deadlines (for AP, SEC, etc.). Although contradicting to ERC's PSM decision, we suggest that filing timelines/deadlines be made 14 working</p> | <p><del>of the market; and</del><br/><u>issuance of the WESM final statement bill and settlement data.</u></p> <p>b) <i>Must-run unit or constrain-on generating unit – within one (1) year after <u>from the time</u> the <u>affected</u> trading participant <del>was</del> designated <u>complied with dispatch instructions</u> as MRU or constrain-on generating unit;</i></p> <p>c) <u><i>Constrained-on generators in dispatch intervals when the price substitution methodology due to congestion was applied – not later than fourteen (14) working days the trading day when the generating unit was constrained-</i></u></p> |                      |              |

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|-------|--------|-----------|--------------------|-----------|---|--|----------------------|--------------|
|       |        |           |                    |           | days after the issuance of the WESM final statement bill and settlement data. | <u>on after the issuance of the WESM final statement bill and settlement data.</u><br><br><u>d) Qualified Trading Participants in dispatch intervals when price mitigation measure was applied – not later than fourteen (14) working days after the imposition of the price mitigation measure has been lifted, unless a different period is set out in the relevant issuance of the ERC or competent agency imposing the price mitigation measure issuance of the WESM final statement bill and settlement data.</u> |                      |              |

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|------------------|--------|--|--|--|--|--|--|---|
|                  |        |  |  |  |  | Any claims not filed within such period shall be deemed waived.  |  |   |
| FILING OF CLAIMS | 10.2.2 | <p>Trading Participants shall submit sufficient proof regarding the costs incurred, which are limited to fuel cost and variable operating and maintenance costs, which may include start-up and shut down cost. Below is the non-exhaustive list of requirement documents in filing claims for additional compensation:</p> <p>a) Certified correct Fuel Consumption and Inventory Report;</p> <p>b) Purchase Invoices, Official Receipts and other supporting documents; and</p> <p>c) ERC-approved rate or List of Variable Operation and Maintenance Costs supported by photocopies of invoices/receipts.</p> | <p><b><u>Within a maximum period of sixty (60) business days from the Market Operator's receipt of the written claim, Trading Participants shall submit the complete documentation that provides</u></b> sufficient proof regarding the costs incurred, which are limited to fuel cost and variable operating and maintenance costs, which may include start-up and shut down cost. Below is the non-exhaustive list of requirement documents in filing claims for additional compensation:</p> <p>a) <b><u>Market suspension, market intervention, must-run unit or constrain-on generating unit –</u></b></p> <p><b><u>i.</u></b> Certified correct Fuel Consumption and Inventory Report;</p> <p><b><u>ii.</u></b> Purchase Invoices, Official Receipts and</p> | <p>Harmonize with the timeline for submitting supporting documents under ERC Decision Sections 4.4.2.1.2, 4.4.2.2.2, 4.4.2.3.2, 4.4.2.4.2, and 4.4.2.5.2.</p> <p>Harmonize with the list of supporting documents under ERC Decision Sections 4.4.3.1, 4.4.3.2, 4.4.3.3, 4.4.3.4, and 4.4.3.5.</p> <p>Also propose to identify the responsibilities of parties on the provision of data and clarify impact of submission of supporting documents beyond the sixty-day timeline.</p> | <p><b>APC:</b></p> <p>Please clarify meaning of business days (e.g. Mon-Fri at 8am to 5pm).</p> <p>Can we instead make this consistent by defining it as working days as well?</p> | <p><b>APC:</b></p> <p><b><u>Within a maximum period of sixty (60) business working days from the Market Operator's receipt of the written claim, Trading Participants shall submit the complete documentation that provides</u></b> sufficient proof regarding the costs incurred, which are limited to fuel cost and variable operating and maintenance costs, which may include start-up and shut down cost. Below is the non-exhaustive list of requirement documents in filing claims for additional compensation:</p> <p><b><u>Market Operator shall allow submission of electronic/scanned copy in lieu of</u></b></p> | <p>Retain original proposed amendments. The proposed amendments are aligned/harmonized with the ERC Decision.</p> <p>Under WESM Rules, business day is equivalent to any day the spot market operation is open for business. Working day is a day (except Saturdays and Sundays) on which banks and financial institutions are open in the city or municipality where the principal offices of the Market Operator are located.</p> <p>Physical copies are still needed as the quality of the scanned copies will vary and may</p> | <p>Adopt IEMOP with APC's suggestion below:</p> <p>xxx</p> <p><b><u>Market Operator shall may allow submission of electronic/scanned copy, in-lieu-of provided that physical copy of the required documents shall also be submitted. Final validation shall be done only after receipt of the physical copy of the documents within the same sixty-business day period.</u></b></p> <p><i>*retain business days</i></p> |

Annex D – Proposed General Amendments to the WESM Rules and WESM Manual on Billing and Settlement on Harmonization with ERC Decision on Case No. 2017-042RC on Additional Compensation Process

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|-------|--------|-----------|---|-----------|----------|---|---|--------------|
|       |        |           | <div>other supporting documents; and</div> <div>iii. ERC-approved rate or List of Variable Operation and Maintenance Costs supported by photocopies of invoices/receipts.</div> <div>b) <u>Constrained-on generators in dispatch intervals when the price substitution methodology due to congestion was applied or qualified Trading Participants in dispatch intervals when price mitigation measure was applied, unless a different set of requirements is set out in the relevant issuance of the ERC or competent agency imposing the price mitigation measure, –</u></div> <div>i. <u>Actual fuel consumption</u></div> |           |          | <u>physical copy of the required documents.</u> | provide difficulty in the process. Filing of claims are conducted through email, but submission of supporting documents shall be in hardcopy. TPs have 60 BD to comply with the required submissions. |              |



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|-------|--------|-----------|---|-----------|----------|------------------------------------|----------------------|--------------|
|       |        |           | <div><div><div><div><div></div><div>and inventory report, duly certified by the Vice President of Finance of the power plant applying for additional compensation</div></div></div><div><div>ii.</div><div><div><div></div><div>Purchase Invoices, Official Receipts and other supporting documents;</div></div><div><div></div><div>and List of Variable Operation and Maintenance Costs supported by photocopies of invoices/receipts.</div></div></div></div><div><div><div></div><div>The Trading Participant shall also ensure that any data or document required from the System Operator or other WESM Service Providers, as may be applicable, shall be submitted to the Market</div></div></div></div></div> |           |          |                                    |                      |              |

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|------------------|--------|---|--|--|--|------------------------------------|----------------------|--|
|                  |        |   | <u>Operator within the same sixty-business day period.</u><br><br><u>Any data or document submitted after the prescribed period shall not be used by the Market Operator as basis for additional compensation.</u>   |  |  |                                    |                      |  |
| FILING OF CLAIMS | 10.2.3 | The Market Operator shall determine validity of the costs incurred based on the aforementioned supporting documents.  | The <i>Market Operator</i> shall determine validity of the <b><u>claim and the</u></b> costs incurred based on the aforementioned supporting documents.  | Clarify that the MO will only validate if additional compensation is warranted based on the costs indicated in the supporting documents submitted by the generator but will not validate the cost items submitted  |  |                                    |                      | Adopt  |
| FILING OF CLAIMS | 10.2.4 | The Market Operator shall inform the requesting Trading Participant of the approval or disapproval of the claim within fourteen (14) working days from receipt of the complete documents from the Trading Participant. Any claim not decided within fourteen (14) working days shall be deemed approved and shall be allocated and billed immediately in the succeeding billing period. | The <i>Market Operator</i> shall inform the requesting <i>Trading Participant</i> of the approval or disapproval of the claim within <b><u>the following periods reckoned fourteen (14) working days</u></b> from receipt of the complete documents from the <i>Trading Participant</i> ;<br><br><b><u>a) For claims under the claim category in Section 10.1.1 (a), (b), and (c) - within</u></b> | Harmonize the timelines for the Market Operator's approval or disapproval of the claim with ERC Decision Sections 4.4.4.1.1, 4.4.4.2, 4.4.4.3.1, 4.4.4.4.1, and 4.4.4.5.1.<br><br>Harmonize the procedures if the claim was not acted upon by the Market | <b><u>APC: (on last para)</u></b><br><br>There is an imbalanced commitment between the Market Operator and the concerned Trading Participant. The burden of proof is borne by the Trading Participant under strict and defined timelines and yet there is no defined | <b><u>APC: (on last para)</u></b>  |                      | Adopt APC comment:<br><br>xxx<br>Any claim not decided <u>upon by the Market Operator</u> within <u>the specified timelines</u> <del>fourteen (14) working days</del> shall be deemed <del>disapproved</del> <u>approved and shall</u> |

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|-------|--------|-----------|---|---|--|--|--|---|
|       |        |           | <p><b><u>fourteen (14) working days;</u></b></p> <p><b><u>b) For claims under the claim category in Section 10.1.1 (d) - within thirty (30) business days, unless a different period is set out in the relevant issuance of the ERC or competent agency imposing the price mitigation measure.</u></b></p> <p>Any claim not decided <b><u>upon by the Market Operator</u></b> within <b><u>the specified timelines</u></b> <del>fourteen (14) working days</del> shall be deemed <del>disapproved</del> and shall be <del>allocated</del> and <del>billed</del> immediately in the <del>succeeding billing period</del>. <b><u>The Trading Participant whose claim was not acted upon within the specified timelines may submit a complaint against the Market Operator under the dispute resolution process in accordance with the WESM Rules or relevant market manual.</u></b></p> | <p>Operator with ERC Decision Sections 4.4.4.1.2, 4.4.4.3.2, 4.4.4.4.2, and 4.4.4.5.2. The same procedure is proposed to be applied for claims due to the imposition of price mitigation measure for consistency.</p> | <p>commitment from the other party, all the more with a default “disapproval” if not decided by the Market Operator.</p> <p>It should be considered that these Trading Participants were used to respond to grid exigencies, hence appropriate compensation should be provided to affected generators.</p> <p><b>SPC:</b></p> <p>Since Dispute Resolution process is quite tedious, an inquiry with the Market Operator (MO) can initially be done by the Trading Participant on the</p> | <p>Any claim not decided <b><u>upon by the Market Operator</u></b> within <b><u>the specified timelines</u></b> <del>fourteen (14) working days</del> shall be deemed <del>disapproved</del> <b>approved</b> and shall be <del>allocated</del> and <del>billed immediately</del> in the <del>succeeding billing period</del>.</p> <p><b>SPC:</b></p> <p>The Market Operator shall inform the requesting Trading Participant of the</p> | <p>Retain original proposed amendments. The proposed amendments are aligned/harmonized with the ERC Decision.</p> <p>Propose to retain original proposed wordings by IEMOP. There is no existing process to allow a reconsideration of</p> | <p><del>be allocated and billed immediately in the succeeding billing period.</del></p> |



Annex D – Proposed General Amendments to the WESM Rules and WESM Manual on Billing and Settlement on Harmonization with ERC Decision on Case No. 2017-042RC on Additional Compensation Process

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|-------|--------|-----------|--------------------|-----------|---|---|---|--------------|
|       |        |           |                    |           | additional claim disposition of the MO. | approval or disapproval of the claim within <u>the following periods reckoned</u> <del>fourteen (14) working days</del> from receipt of the complete documents from the Trading Participant:<br><br><u>a) For claims under the claim category in Section 10.1.1 (a), (b), and (c) - within fourteen (14) working days;</u><br><br><u>b) For claims under the claim category in Section 10.1.1 (d) - within thirty (30) business days, unless a different period is set out in the relevant issuance of the ERC or competent agency imposing the price mitigation measure.</u> | the MO action on the claim.<br>Participants may coordinate with the MO to inquire about matters relating to the MO action on the claim but should not expect a reconsideration. We note that the complaint through the dispute resolution process applies only when there is non-action on the part of the MO within the prescribed period. |              |



Annex D – Proposed General Amendments to the WESM Rules and WESM Manual on Billing and Settlement on Harmonization with ERC Decision on Case No. 2017-042RC on Additional Compensation Process

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|-------|--------|-----------|--|--|----------|--|----------------------|--------------|
|       |        |           |  |  |          | <p>Any claim not decided <u>upon by the Market Operator</u> within <del>fourteen (14) working days</del> <u>the specified timelines</u> shall be deemed <u>disapproved</u> and shall be allocated and billed immediately in the succeeding <del>billing period.</del> <u>An inquiry with the Market Operator can be done by the Trading Participant on the additional claim disposition of the Market Operator.</u> Lastly, <del>the</del> <u>The Trading Participant whose claim was not acted upon within the specified timelines may submit a complaint against the Market Operator under the dispute resolution process in accordance with the WESM Rules or relevant market manual.</u></p> |                      |              |
|       |        |           | <b><u>10.3 QUANTITY ELIGIBLE FOR ADDITIONAL COMPENSATION</u></b> | Proposed new section to describe the procedures in |          |  |                      |              |

Annex D – Proposed General Amendments to the WESM Rules and WESM Manual on Billing and Settlement on Harmonization with ERC Decision on Case No. 2017-042RC on Additional Compensation Process

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|-------|--------|-----------|---|---|--|--|-------------------------------|---------------------|
|       |        |           |   | determining the quantities eligible for additional compensation   |  |  |                               |                     |
|       |        |           | <b>10.3.1 For claims due to designation as <i>must run units</i>, the Market Operator shall determine the <i>must-run unit</i> quantity or volume that shall be eligible for additional compensation in accordance with the relevant provision under Section 8.3 of the Price Determination Methodology Manual.</b> | Provide reference to the PDM for the calculation of additional compensation quantity of must run units  | <b>PEMC:</b><br><br>Suggest adding reference to Section 17 of the Dispatch Protocol Manual which describes the conditions under which dispatch intervals may be considered as must-run unit intervals (i.e., Sections 17.1.8, 17.1.9, 17.6). | <b>PEMC:</b><br><br><u>10.3.1 For claims due to designation as <i>must run units</i>, the Market Operator shall determine the <i>must-run unit</i> quantity or volume that shall be eligible for additional compensation in accordance with the relevant provisions under Section 8.3 of the Price Determination Methodology Manual and Section 17 of the Dispatch Protocol Manual</u> | Ok to adopt proposed wordings | Adopt revision PEMC |
|       |        |           | <b>10.3.2 For claims due to market suspension, market intervention, designation as constrain-on units, implementation of price substitution methodology, or imposition of price mitigation measures unless a different formula is set out in the relevant issuance of the ERC</b>                                   | It is proposed that the calculation of additional compensation quantity for the rest of the conditions be harmonized with ERC Decision Section 4.4.1.2 for consistency. |  |  |                               | Adopt               |

Annex D – Proposed General Amendments to the WESM Rules and WESM Manual on Billing and Settlement on Harmonization with ERC Decision on Case No. 2017-042RC on Additional Compensation Process

| Title | Clause | Provision | Proposed Amendment   | Rationale | Comments | Proposed Wording based on Comments | Proponent's Response | RCC Decision |
|-------|--------|-----------|--|-----------|----------|------------------------------------|----------------------|--------------|
|       |        |           | <p><u>or competent agency imposing the price mitigation measure, the Market Operator shall determine the volume that shall be eligible for additional compensation in accordance with the following formula:</u></p> <p>a) <u>If the actual generation of the generating unit, <math>GESQ_{g,i}</math>, is less than or equal to its scheduled generation plus the allowable deviation, <math>SG_{g,i} + \text{Max}[1, (1.5\% \times SG_{g,i})]</math>,</u></p> <p><u><math>ACQ_{g,i} \equiv GESQ_{g,i}</math></u></p> <p><u><math>-\sum_{b \in B} BCQ_{g,b,i}</math></u></p> <p><u><math>-\text{ASIE}_{g,i}</math></u></p> <p>b) <u>If the actual generation of the generating unit is more than its scheduled generation plus the allowable deviation,</u></p> |           |          |                                    |                      |              |

Annex D – Proposed General Amendments to the WESM Rules and WESM Manual on Billing and Settlement on Harmonization with ERC Decision on Case No. 2017-042RC on Additional Compensation Process

| Title | Clause | Provision | Proposed Amendment  | Rationale | Comments | Proposed Wording based on Comments | Proponent's Response | RCC Decision |
|-------|--------|-----------|---|-----------|----------|------------------------------------|----------------------|--------------|
|       |        |           | <div><math display="block">\underline{ACQ}_{g,i} = \underline{SG}_{g,i} - \sum_{b \in B} \underline{BCQ}_{g,b,i} - \underline{ASIE}_{g,i}</math><p>Where:</p><p><u>ACQ<sub>g,i</sub></u> refers to the <u>additional compensation quantity of generating unit g for dispatch interval i</u></p><p><u>GESQ<sub>g,i</sub></u> refers to the <u>gross energy settlement quantity of generating unit g for dispatch interval i</u></p><p><u>BCQ<sub>g,b,i</sub></u> refers to the <u>bilateral contract quantity of generating unit g to buying trading participant b for dispatch interval i</u></p><p><u>B</u> set of all buying <u>trading participants that generating unit</u></p></div> |           |          |                                    |                      |              |

Annex D – Proposed General Amendments to the WESM Rules and WESM Manual on Billing and Settlement on Harmonization with ERC Decision on Case No. 2017-042RC on Additional Compensation Process

| Title | Clause | Provision | Proposed Amendment   | Rationale   | Comments | Proposed Wording based on Comments | Proponent's Response | RCC Decision |
|-------|--------|-----------|--|---|----------|------------------------------------|----------------------|--------------|
|       |        |           | <p><u>g</u> has a contract with <u>ASIE<sub>g,i</sub></u> refers to the <u>ancillary services incidental energy of generating unit g for dispatch interval i</u></p> <p><u>SG<sub>g,i</sub></u> refers to the <u>scheduled generation of generating unit g for dispatch interval i</u> calculated in accordance with <u>Section 10.3.3</u></p>   |   |          |                                    |                      |              |
|       |        |           | <p><b>10.3.3 The scheduled generation of a <u>generating unit</u> that filed a claim for additional compensation shall be calculated using the following formulas:</b></p> <p>a) <b><u>If due to declaration of market suspension or market intervention,</u></b></p> <p><math display="block">SG_{g,i} = \frac{(DT_{g,i-1} + DT_{g,i})}{2} \times \frac{1}{12}</math></p> <p>b) <b><u>If due to designation as constrain-on unit,</u></b></p> | Include the proposed formula for determining the scheduled generation of a generating unit for each additional compensation condition. In general, the formulas calculate the equivalent energy resulting from the linear compliance of the generating unit to its dispatch target. |          |                                    |                      | Adopt        |



Annex D – Proposed General Amendments to the WESM Rules and WESM Manual on Billing and Settlement on Harmonization with ERC Decision on Case No. 2017-042RC on Additional Compensation Process

| Title | Clause | Provision | Proposed Amendment   | Rationale | Comments | Proposed Wording based on Comments | Proponent's Response | RCC Decision |
|-------|--------|-----------|--|-----------|----------|------------------------------------|----------------------|--------------|
|       |        |           | <div><math display="block">SG_{g,i} = \frac{(IL_{g,i} + DI_{g,i})}{2} \times \frac{1}{12}</math><p>c) <u>If due to scheduling and dispatch as a constrained-on unit during price substitution methodology,</u></p><math display="block">SG_{g,i} = \frac{(IL_{g,i} + DT_{g,i})}{2} \times \frac{1}{12}</math><p>d) <u>If due to imposition of a price mitigation measure, unless a different formula is set out in the relevant issuance of the ERC or competent agency imposing the price mitigation measure,</u></p><math display="block">SG_{g,i} = \frac{(IL_{g,i} + DT_{g,i})}{2} \times \frac{1}{12}</math><p><u>Where:</u><br/><u>SG<sub>g,i</sub></u> <u>refers to the scheduled generation of generating unit g for dispatch interval i</u></p></div> |           |          |                                    |                      |              |

Annex D – Proposed General Amendments to the WESM Rules and WESM Manual on Billing and Settlement on Harmonization with ERC Decision on Case No. 2017-042RC on Additional Compensation Process

| Title | Clause | Provision | Proposed Amendment   | Rationale | Comments | Proposed Wording based on Comments | Proponent's Response | RCC Decision |
|-------|--------|-----------|--|-----------|----------|------------------------------------|----------------------|--------------|
|       |        |           | <div><div><u>DT<sub>g,i</sub></u> refers to the most recent dispatch target either based on the <i>dispatch schedule</i> from the <i>Market Operator</i> or a <i>dispatch instruction</i> from the <i>System Operator</i> received by <i>generating unit g</i> for <i>dispatch interval i</i></div><div><u>DT<sub>g,i-1</sub></u> refers to the most recent dispatch target either based on the <i>dispatch schedule</i> from the <i>Market Operator</i> or a <i>dispatch instruction</i> from the <i>System Operator</i> received by <i>generating unit g</i> for the immediately preceding <i>dispatch interval</i> of</div></div> |           |          |                                    |                      |              |

Annex D – Proposed General Amendments to the WESM Rules and WESM Manual on Billing and Settlement on Harmonization with ERC Decision on Case No. 2017-042RC on Additional Compensation Process

| Title | Clause | Provision | Proposed Amendment  | Rationale   | Comments | Proposed Wording based on Comments | Proponent's Response | RCC Decision |
|-------|--------|-----------|---|---|----------|------------------------------------|----------------------|--------------|
|       |        |           | <p><u><i>IL<sub>g,i</sub></i></u> <u><i>refers to the initial loading of generating unit g as determined by the Market Management System for dispatch interval i</i></u></p> <p><u><i>DI<sub>g,i</sub></i></u> <u><i>refers to the most recent dispatch instruction from the System Operator received by generating unit g for dispatch interval i</i></u></p>          |   |          |                                    |                      |              |
|       |        |           | <p><u><b>10.3.4 In the event that the scheduling point of the generating unit is not at the same location as its market trading node, the Market Operator shall adjust the scheduled generation calculated under Section 10.3.3 such that the volume shall correspond to the scheduled output of the generation unit at its market trading node. The Market</b></u></p> | <p>Propose to include procedure for adjusting scheduled generation to the market trading node if the scheduling point is at a different location. This is to have a proper comparison between the actual generation and scheduled generation in the</p> |          |                                    |                      | Adopt        |

Annex D – Proposed General Amendments to the WESM Rules and WESM Manual on Billing and Settlement on Harmonization with ERC Decision on Case No. 2017-042RC on Additional Compensation Process

| Title | Clause | Provision | Proposed Amendment   | Rationale   | Comments | Proposed Wording based on Comments | Proponent's Response | RCC Decision |
|-------|--------|-----------|--|---|----------|------------------------------------|----------------------|--------------|
|       |        |           | <p><u><b>Operator shall adjust the scheduled generation in accordance with the following formula:</b></u></p> $\underline{SG_{n,g,i}} \equiv \underline{SG_{sp,g,i}} \times \frac{\sum_{n \in N_g} SQ_{n,i}}{\sum_{sp \in SP_g} SQ_{sp,i}}$ <p><u><b>Where:</b></u></p> <p><u><b>SG<sub>n,g,i</sub></b></u> refers to the <u><b>scheduled generation of generating unit g at its market trading node n for dispatch interval i</b></u></p> <p><u><b>SG<sub>sp,g,i</sub></b></u> refers to the <u><b>scheduled generation of generating unit g at its scheduling point sp for dispatch interval i</b></u></p> <p><u><b>SQ<sub>n,g,i</sub></b></u> refers to the <u><b>snapshot quantity at market trading node n for dispatch interval i</b></u></p> <p><u><b>SQ<sub>n,g,i</sub></b></u> refers to the <u><b>snapshot quantity at scheduling point sp for dispatch interval i</b></u></p> | determination of the additional compensation quantity of the claimants. |          |                                    |                      |              |

Annex D – Proposed General Amendments to the WESM Rules and WESM Manual on Billing and Settlement on Harmonization with ERC Decision on Case No. 2017-042RC on Additional Compensation Process

| Title | Clause | Provision | Proposed Amendment  | Rationale  | Comments | Proposed Wording based on Comments | Proponent's Response | RCC Decision |
|-------|--------|-----------|---|--|----------|------------------------------------|----------------------|--------------|
|       |        |           | <p><u>N<sub>g</sub> refers to the set of market trading nodes of the generating units within the generating system of which generating unit g is a member</u></p> <p><u>SP<sub>g</sub> refers to the set of scheduling points of the generating units within the generating system of which generating unit g is a member</u></p> |  |          |                                    |                      |              |
|       |        |           | <b>10.4 BILLING AND SETTLEMENT OF ADDITIONAL COMPENSATION</b>   | Proposed new section to include billing and settlement procedures under the ERC Decision |          |                                    |                      | Adopt        |
|       |        |           | <b>10.4.1 The <i>Market Operator</i> shall determine the share in the additional compensation amount of each <i>Trading Participant</i> in accordance with the provisions under Section 8.3 of the Price Determination Methodology Manual.</b>  | Provide reference to the allocation of the additional compensation amount from the PDM   |          |                                    |                      |              |
|       |        |           | <b>10.4.2 The <i>Market Operator</i> shall calculate the possible</b>   | Include formula for calculating the rate impact to WESM                                  |          |                                    |                      | Adopt        |

Annex D – Proposed General Amendments to the WESM Rules and WESM Manual on Billing and Settlement on Harmonization with ERC Decision on Case No. 2017-042RC on Additional Compensation Process

| Title | Clause | Provision | Proposed Amendment   | Rationale   | Comments | Proposed Wording based on Comments | Proponent's Response | RCC Decision |
|-------|--------|-----------|--|---|----------|------------------------------------|----------------------|--------------|
|       |        |           | <p><u>rate impact to each WESM Customer of each approved claim in accordance with the following formula:</u></p> $RI_{c,ac} = \frac{ACA_{c,ac}}{GESQ_{c,m}}$ <p><u>Where:</u></p> <p><u>RI<sub>c,ac</sub></u> refers to the <u>rate impact to customer c of additional compensation claim ac</u></p> <p><u>ACA<sub>c,ac</sub></u> refers to the <u>share in the additional compensation amount of customer c for additional compensation claim ac</u></p> <p><u>GESQ<sub>c,m</sub></u> refers to the <u>total gross energy settlement quantity of customer c for the billing</u></p> | customers which will be used as the criteria for determining whether the WESM customer will have one-time or staggered payment consistent with ERC Decision Section 4.4.5.2 |          |                                    |                      |              |

Annex D – Proposed General Amendments to the WESM Rules and WESM Manual on Billing and Settlement on Harmonization with ERC Decision on Case No. 2017-042RC on Additional Compensation Process

| Title | Clause | Provision | Proposed Amendment  | Rationale  | Comments | Proposed Wording based on Comments | Proponent's Response | RCC Decision |
|-------|--------|-----------|---|--|----------|------------------------------------|----------------------|--------------|
|       |        |           | <p><u>period m when the additional compensation amount ac will first be recovered</u></p> <p><u>The customer rate impact shall be calculated for each claiming Trading Participant and shall cover its claim for each billing period and for each claim category.</u></p>   |  |          |                                    |                      |              |
|       |        |           | <p><b>10.4.3 The approved claim of each Trading Participant covering each billing period and for each claim category shall be billed on the billing period immediately following the approval of the claim and payments shall be collected as follows:</b></p> <p>a) <u>If the calculated customer rate impact is less than or equal to PhP0.005/kWh – in one (1) payment on the scheduled due date of the billing period immediately following the approval of the claim; or</u></p> <p>b) <u>If the calculated customer rate impact is more than PhP0.005/kWh – in four (4)</u></p> | Include the procedure for charging in one-time or staggered payment as provided under ERC Decision Section 4.4.5.2 |          |                                    |                      | Adopt        |

Annex D – Proposed General Amendments to the WESM Rules and WESM Manual on Billing and Settlement on Harmonization with ERC Decision on Case No. 2017-042RC on Additional Compensation Process

| Title | Clause | Provision | Proposed Amendment  | Rationale  | Comments  | Proposed Wording based on Comments | Proponent's Response                 | RCC Decision            |
|-------|--------|-----------|---|--|---|------------------------------------|--------------------------------------|-------------------------|
|       |        |           | <u>equal installments over four (4) successive billing periods starting on the scheduled date of the billing period immediately following the approval of the claim.</u>  |  |   |                                    |                                      |                         |
|       |        |           | <p><b>10.4.4 The <i>Market Operator</i> shall collect payments for the approved claim within the following timeframe –</b></p> <p>a) <u>For claims with rate impact equal or less than PhP0.005/kWh – on the due date of the <i>billing period</i> immediately following the approval of the claim; and</u></p> <p>b) <u>For claims with rate impact of higher than PhP0.005/kWh – installment payment shall be collected starting from the due date of the <i>billing period</i> immediately following the approval of the claim.</u></p> <p><u>It is provided, however, that if a <i>Trading Participant</i> has more than one (1) approved claim for each claim category (i.e., covering more than one</u></p> | Clarify the procedure for collecting in one-time or staggered payment consistent with ERC Decision Section 4.4.5.3 | <p><b>PEMC:</b></p> <p>For clarity, suggest to provide a table or diagram describing how payment collection will be made for installment payments corresponding to multiple approved claims (i.e., last paragraph).</p> |                                    | A diagram is provided for reference. | Adopt. Include diagram. |



Annex D – Proposed General Amendments to the WESM Rules and WESM Manual on Billing and Settlement on Harmonization with ERC Decision on Case No. 2017-042RC on Additional Compensation Process

| Title | Clause | Provision | Proposed Amendment  | Rationale  | Comments | Proposed Wording based on Comments | Proponent's Response | RCC Decision |
|-------|--------|-----------|---|--|----------|------------------------------------|----------------------|--------------|
|       |        |           | <u>(1) billing period), only one claim shall be billed in a billing period, starting with the earliest billing period.</u>  |  |          |                                    |                      |              |
|       |        |           | <u>10.4.5 The collected amounts from staggered payments shall be pro-rated to the Trading Participants which the payment is due.</u>  | Include the procedure for paying claimants when staggered collection is applied as provided under ERC Decision Section 4.4.5.4 |          |                                    |                      | Adopt        |
|       |        |           | <u>10.4.6 The payment for additional compensation of customers that have switched to a different Direct WESM Member shall be billed to the current Direct WESM Member provided that the bill shall reflect the period of consumption and the corresponding Direct WESM Member during the period of the additional compensation event under claim.</u> | Harmonize the collection from Indirect WESM Members with ERC Decision Section 4.4.5.5  |          |                                    |                      | Adopt        |

# PROPOSED AMENDMENTS TO THE WESM RULES AND VARIOUS MARKET MANUALS FOR THE IMPLEMENTATION OF THE RESERVE MARKET

17 SEPTEMBER 2021



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## THE PROPONENT

- The proponent is the Independent Electricity Market Operator of the Philippines, Inc. (IEMOP)
- IEMOP is the market operator of the WESM.

## OUTLINE

- 01** ACTION REQUESTED
- 02** RATIONALE OF THE PROPOSAL
- 03** SUMMARY OF THE PROPOSAL
- 04** OTHER RELEVANT MATTER

## ACTION REQUESTED

- For approval to publish for comments

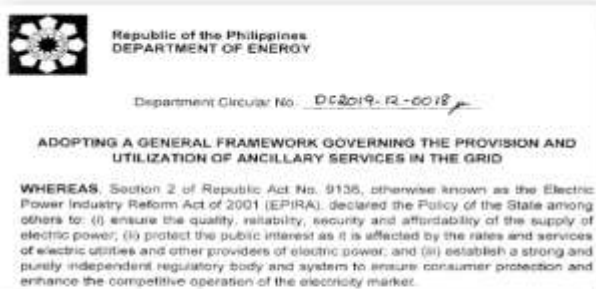
## RATIONALE OF THE PROPOSAL

- ✓ **Comply with provisions of DOE DC2019-12-0018 and DC2021-03-0009**
  - ❖ Ensure that WESM Rules and Market Manuals adhere to the Reserve Market Design promulgated by DOE
  - ❖ Basis for upgrading/updating of market systems and internal processes as necessary
- ✓ **Reverted provisions on reserve market previously incorporated in the PDM as approved the DOE**
  - ❖ Filing of PDM Manual to the ERC for the 5-minute market in March 2017 - contained reserve market provisions which were approved by the DOE in accordance with the rules change process
  - ❖ ERC decision on PDM Manual last December 2020 - removed all pricing and settlement provisions pertaining to the Reserve Market, pending issuance of policy by the DOE on Reserve Market
  - ❖ DOE issued DC2021-03-0009 in March 2021 - no significant deviation on the reserve pricing and settlement mechanism (except the single buyer policy)

## SUMMARY OF THE PROPOSAL

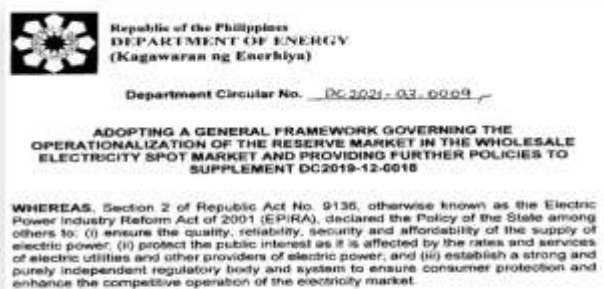
### BACKGROUND

#### DOE DC2019-12-0018



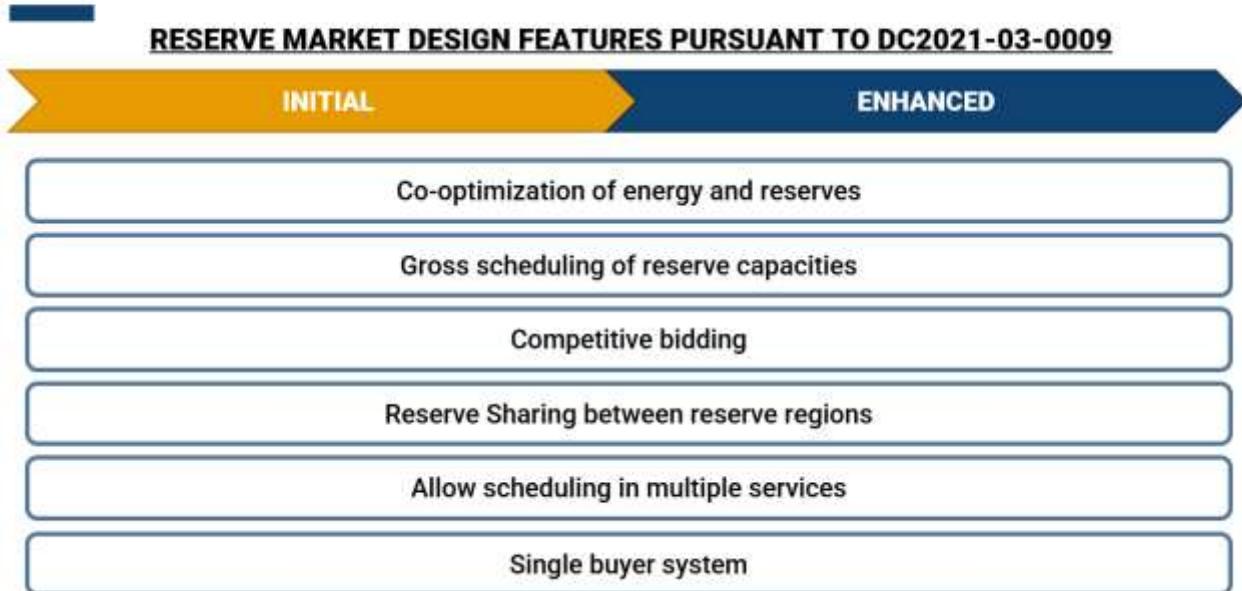
- Prescribed general policies concerning classification, procurement and cost recovery of Ancillary Services
- Established criteria for commercial operation of the Reserve Market

#### DOE DC2021-03-0009

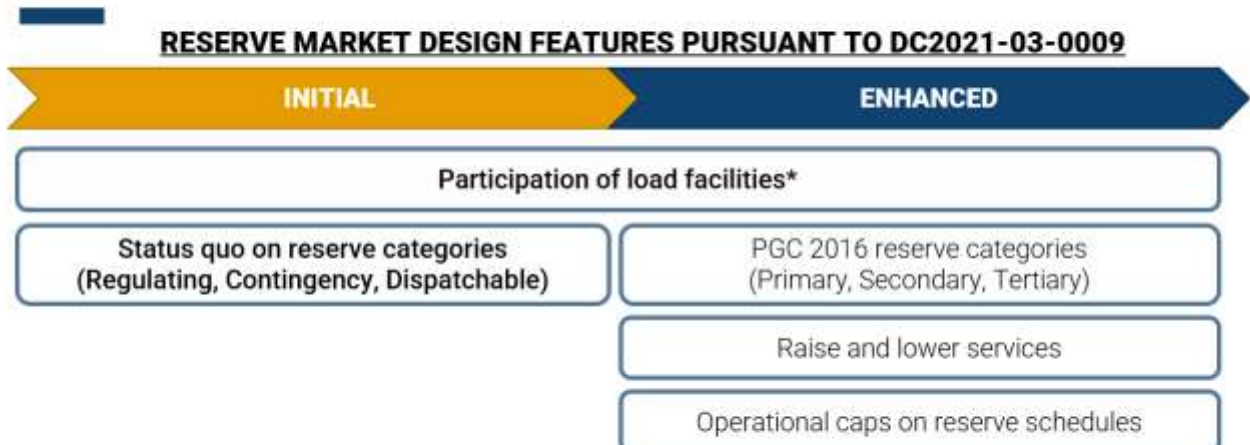


- Prescribed general design features of the Reserve Market with respect to registration, scheduling and dispatch and billing and settlement

## SUMMARY OF THE PROPOSAL



## SUMMARY OF THE PROPOSAL



*\*subject to ERC promulgation of accreditation guidelines*

Only design features in the initial phase are included in the rules change proposal as the features in the enhanced phase are still subject to further policy guidance by the DOE and ERC.

Annex E – Proposed Amendments to WESM Rules and WESM Manual regarding Reserve Market Provisions as prescribed by DOE DC 2021-03-0009 (ORCP-WR-WM-21-11)

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## SUMMARY OF THE PROPOSAL

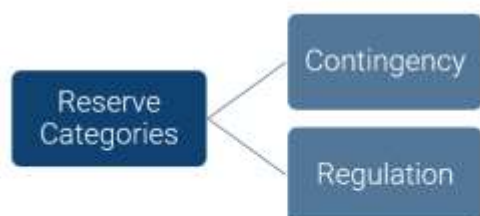
|   | REGISTRATION OF ANCILLARY SERVICES PROVIDERS AND SINGLE BUYER | MDOM FORMULATION AND PRICING METHODOLOGY | SUBMISSION OF OFFERS, SCHEDULING AND DISPATCH PROCEDURES | BILLING AND SETTLEMENT |
|---|---|--|--|------------------------|
| WESM RULES  | ✓   | ✓  | ✓  | ✓                      |
| WESM MANUAL ON REGISTRATION, SUSPENSION AND DE-REGISTRATION CRITERIA AND PROCEDURES | ✓   |  |  |                        |
| WESM MANUAL ON PRICE DETERMINATION METHODOLOGY                                      |   | ✓  |  | ✓                      |
| DISPATCH PROTOCOL MANUAL  |   |  | ✓  |                        |
| WESM MANUAL ON BILLING AND SETTLEMENT   |   |  |  | ✓                      |

10

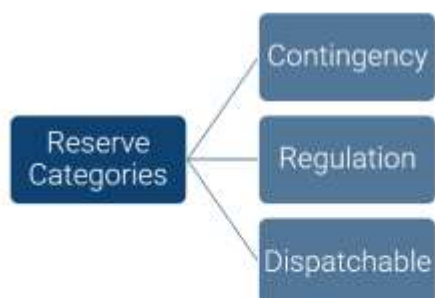
## SUMMARY OF THE PROPOSAL

### A. Reserve Categories

#### CURRENT RULES



#### Section 4.1 of DOE Policy



## SUMMARY OF THE PROPOSAL

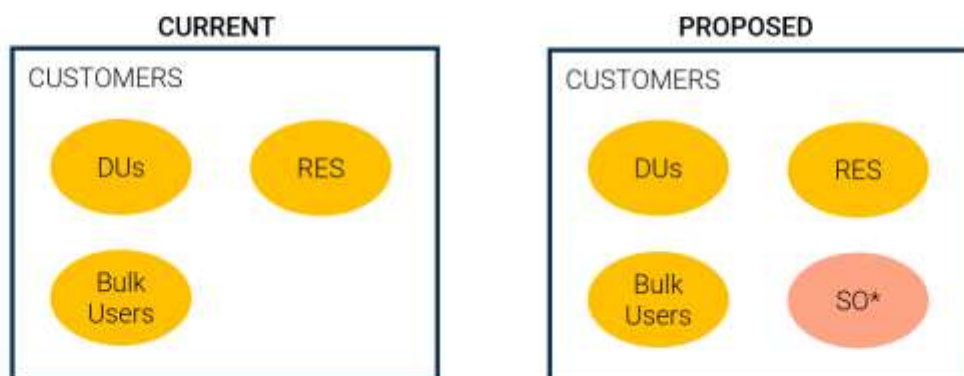
### B. Registration Criteria and Requirements for AS Providers

| GENERATING FACILITIES  | LOAD FACILITIES*                                      |
|--|---|
| Must be registered as a Generation Company   | Must be registered as a Customer                      |
| Must be a scheduled, battery energy storage or pumped-storage unit   | Must submit Projected Maximum Energy Load Requirement |
| Must be certified by SO or any 3 <sup>rd</sup> party AS testing entity accredited by ERC   |   |
| Must submit: <ul style="list-style-type: none"> <li>a) Reserve category or categories it intends to trade</li> <li>b) Maximum reserve capability</li> <li>c) Validity period for providing AS for each category</li> </ul> |   |

\*upon promulgation of accreditation guidelines by ERC

## SUMMARY OF THE PROPOSAL

### C. Registration of SO as Single Buyer



\*not all technical and legal requirements for registration of TPs will apply

# SUMMARY OF THE PROPOSAL

## D. De-Registration Criteria for AS Providers



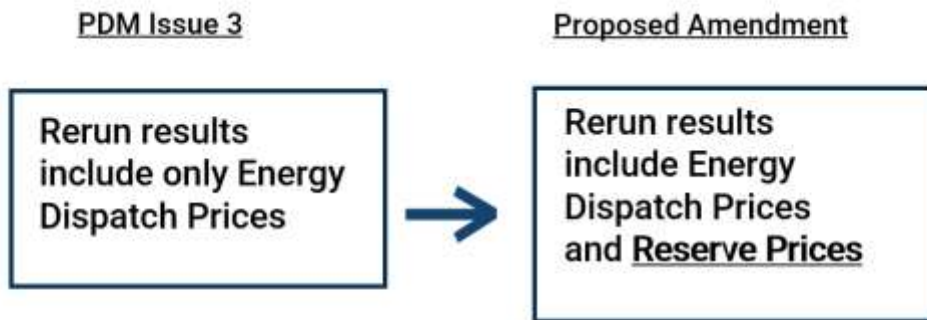
# SUMMARY OF THE PROPOSAL

## E. Define the Reserve Regions to be initially the Luzon, Visayas and Mindanao Grids



## SUMMARY OF THE PROPOSAL

### F. Automatic Pricing Reruns



## SUMMARY OF THE PROPOSAL

### G. Reserve Price During PSM

**Substitute Reserve Price (SRP) = *Marginal Reserve Offer Price + Opportunity Cost***



- One SRP for each reserve category per reserve region

## SUMMARY OF THE PROPOSAL

### H. Reserve Administered Prices

**Reserve Administered Price (RAP) =** *Weighted average Reserve Prices for the 4 most recent similar trading days and dispatch intervals (using Reserve Dispatch Schedules)*

| July 2021 |    |    |    |    |    |    |
|-----------|----|----|----|----|----|----|
| S         | M  | T  | W  | Th | F  | S  |
| 27        | 28 | 29 | 30 | 1  | 2  | 3  |
| 4         | 5  | 6  | 7  | 8  | 9  | 10 |
| 11        | 12 | 13 | 14 | 15 | 16 | 17 |
| 18        | 19 | 20 | 21 | 22 | 23 | 24 |
| 25        | 26 | 27 | 28 | 29 | 30 | 31 |

• One RAP for each reserve category per reserve region

→ 4 most recent similar trading days  
 → MI Declaration

## SUMMARY OF THE PROPOSAL

### I. Reserve Quantities



## SUMMARY OF THE PROPOSAL

### J. Reserve Trading Amounts

$$\text{Reserve Trading Amount (RTA)} = \text{Reserve Price} \times \text{Reserve Quantity}$$

- RTA is determined for each Trading Participant with respect to all reserve providers associated to it

## SUMMARY OF THE PROPOSAL

### K. Trading Amounts for the Participants

$$\text{Trading Amount} = \text{ETA} + \text{RTA}$$



## SUMMARY OF THE PROPOSAL

### L. Reserve Cost Recovery – to be recovered from the SO as Single Buyer

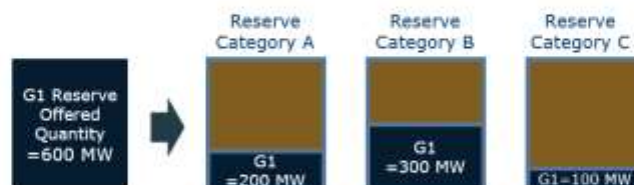
**Reserve Cost = - (Sum of Reserve Trading Amounts of all Trading Participants)**

- Determined for each reserve category and each reserve region



## SUMMARY OF THE PROPOSAL

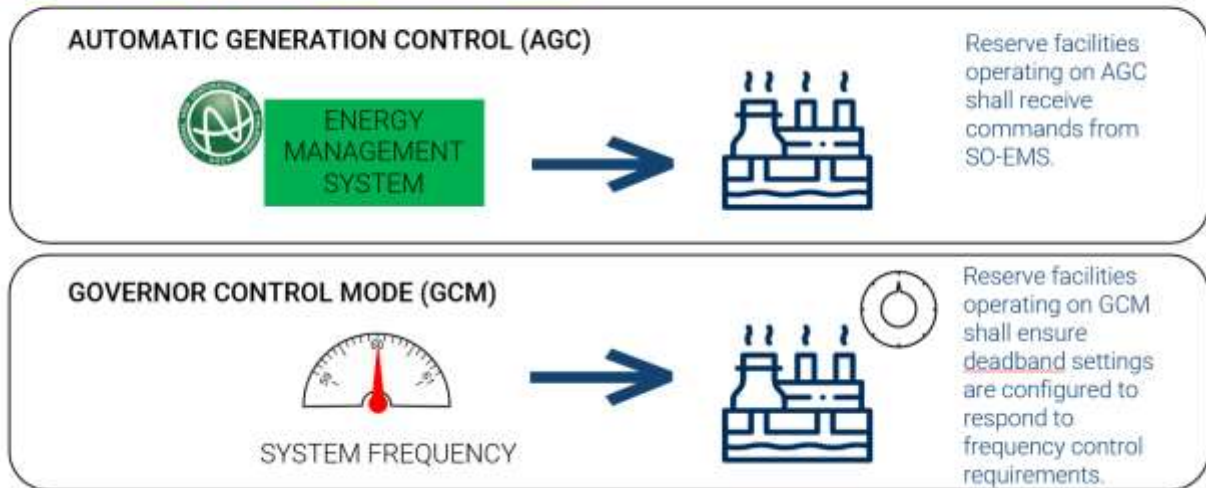
### M. Simultaneous Provision of Reserves in Multiple Categories



Where regulation and contingency reserve schedules cannot be awarded at the same time for a resource, then the MDOM will choose the most optimal reserve category the resource should be scheduled at, in consideration of the optimization objective of the MDOM.

## SUMMARY OF THE PROPOSAL

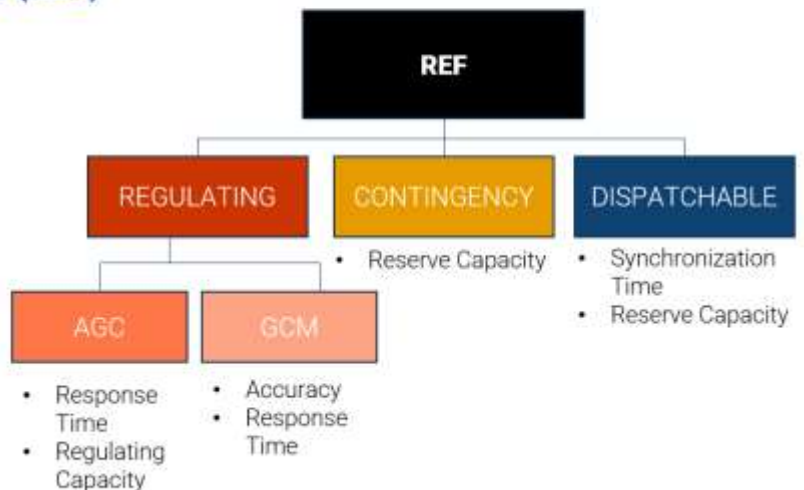
### N. Control Mode for Reserve Providers



## SUMMARY OF THE PROPOSAL

### O. Reserve Effectiveness Factors (REF)

- Measures the reserve facility's adequacy, accuracy, and timeliness in its actual reserve response with respect to the expected operating parameters
- Based on NGCP 2014 proposal
- IEMOP has requested NGCP's inputs on the use of REFs to:
  - impose penalties on reserve providers
  - incorporate such penalties in settlement amounts



## SUMMARY OF THE PROPOSAL

### P. Prudential Requirements for Reserve Transactions

For all dispatch intervals within the billing period, the total of:

$$\text{Projected Settlement Amount} = \text{Projected Reserve Price} \times \left[ \text{Projected Reserve Quantity} - \text{Projected Reserve Bilateral Contract Quantity} \right]$$

↓

- Summed for all bilateral counterparties

## OTHER RELEVANT MATTERS

- None

## ACTION REQUESTED

- For approval to publish for comments



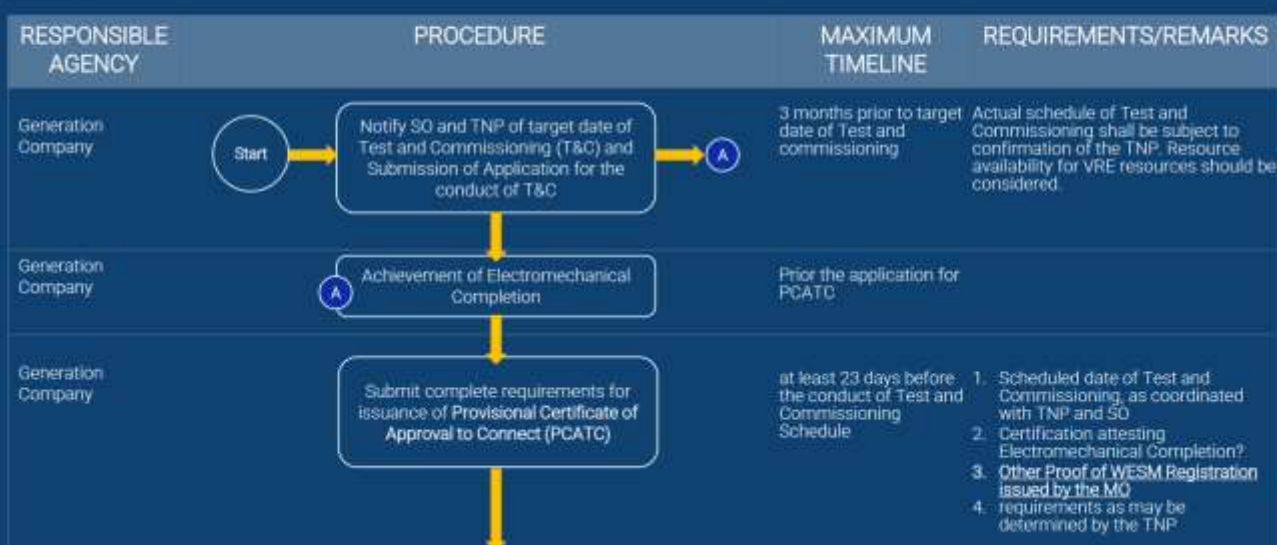
Annex F – Proposed Amendments to the WESM Registration Manual for General Enhancements to the Application Process of New WESM Members in consideration of DOE DC2021-06-0013 entitled “Adopting a General Framework Governing the Test and Commissioning of Generation Facilities” (ORCP-WM-19-20)

# DOE DC2021-06-0013

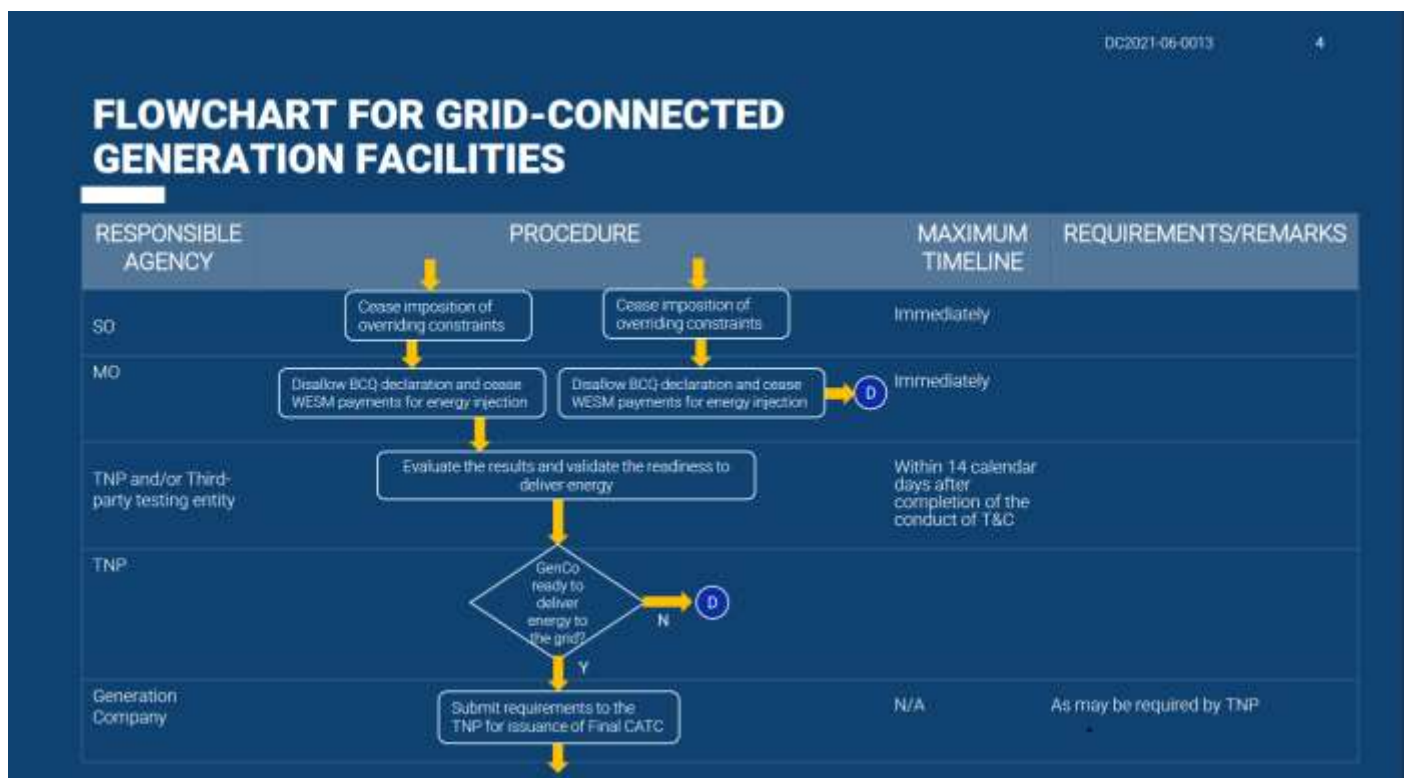
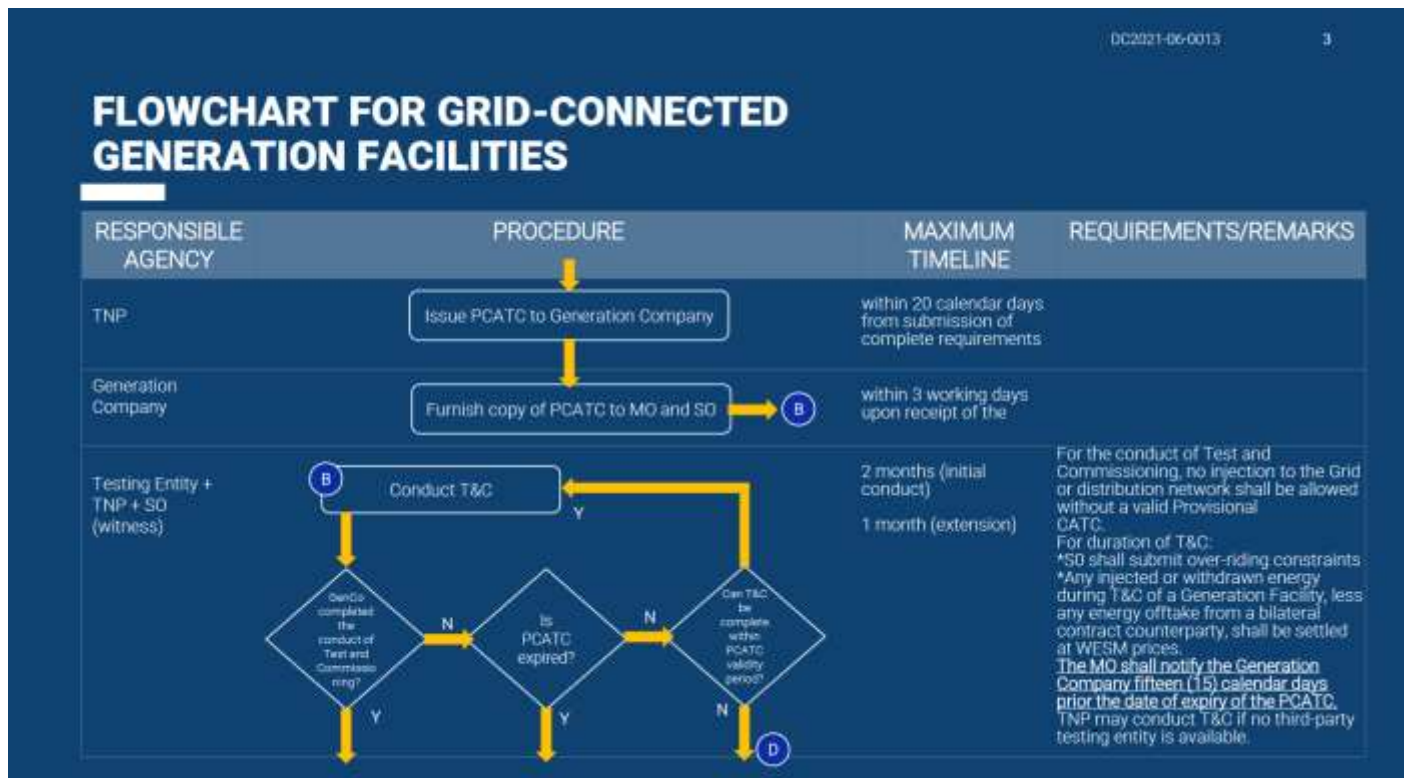
## TEST AND COMMISSIONING



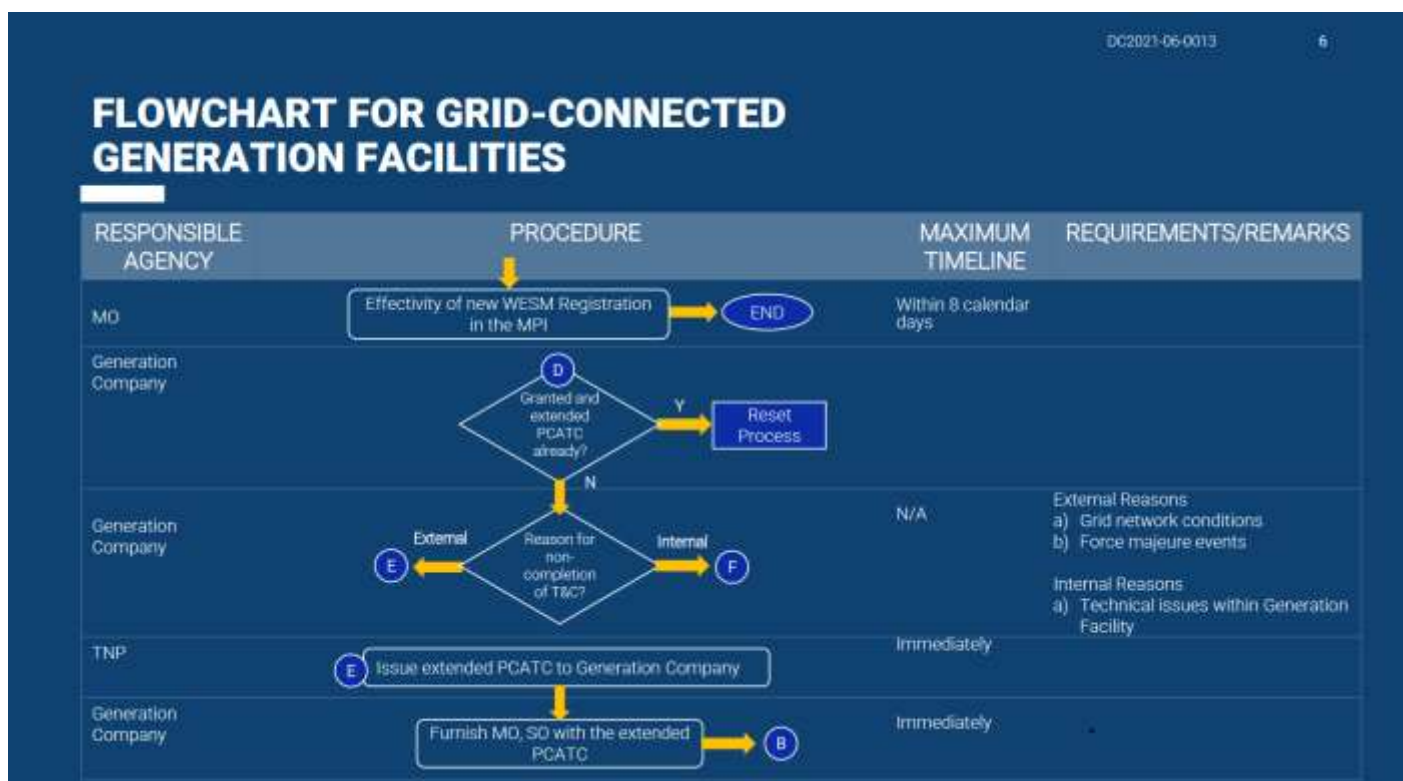
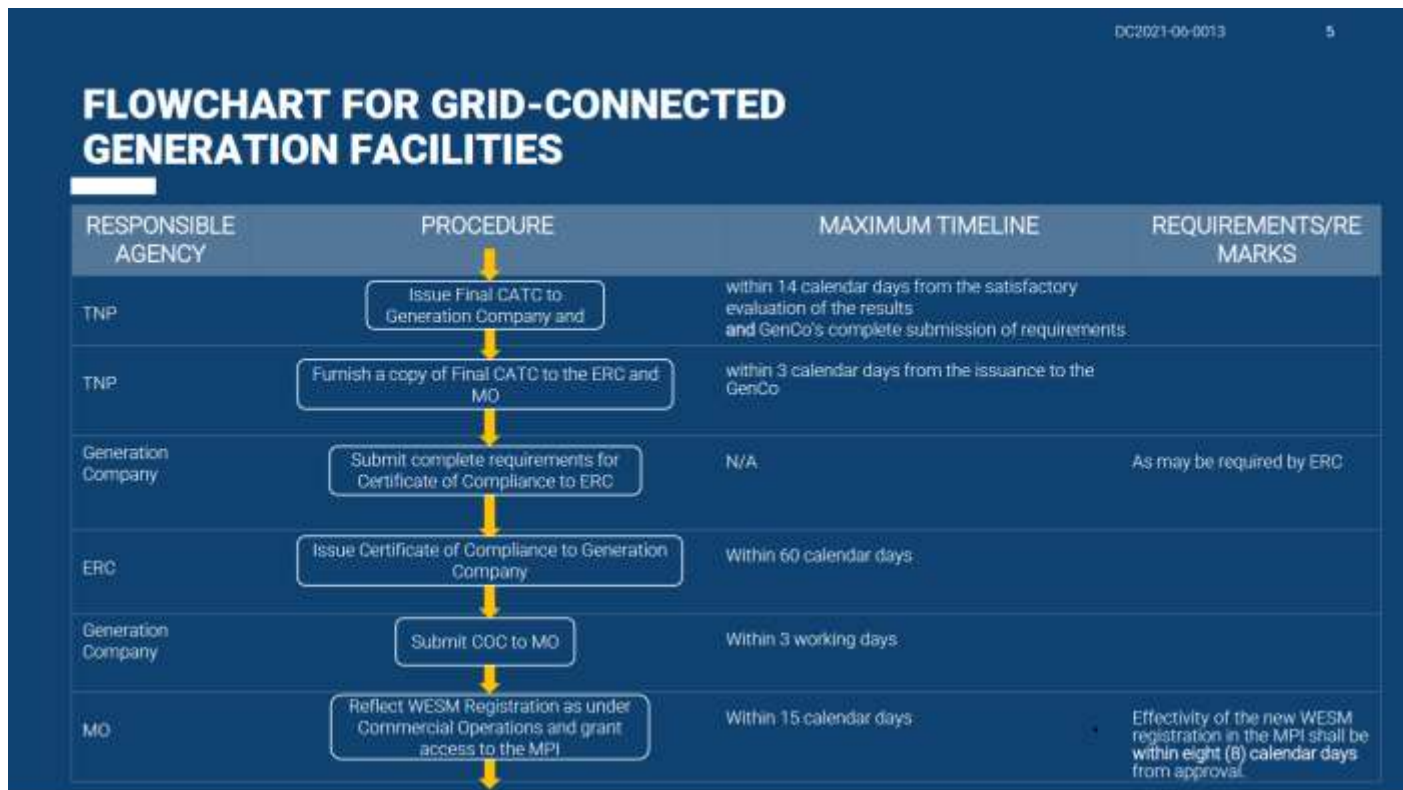
### FLOWCHART FOR GRID-CONNECTED GENERATION FACILITIES



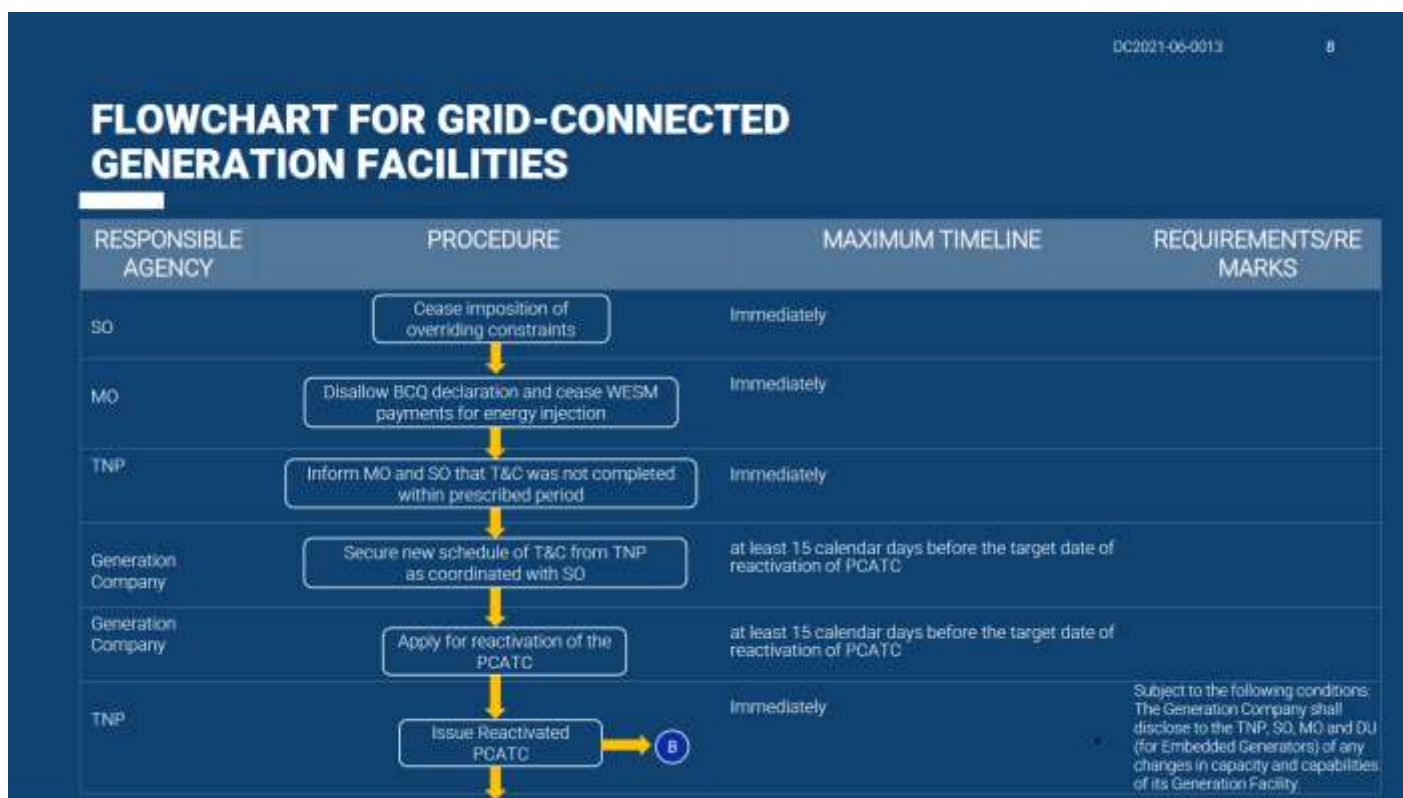
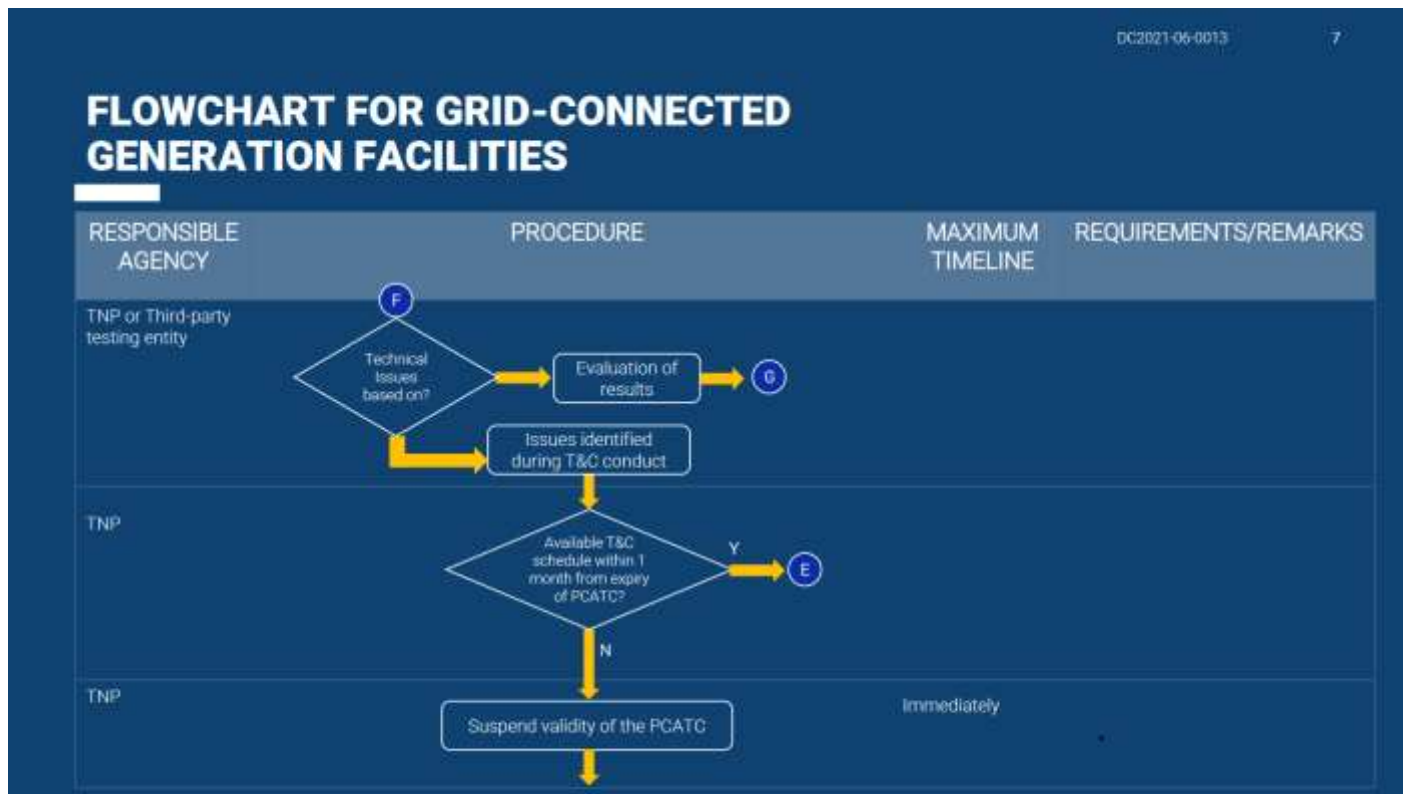
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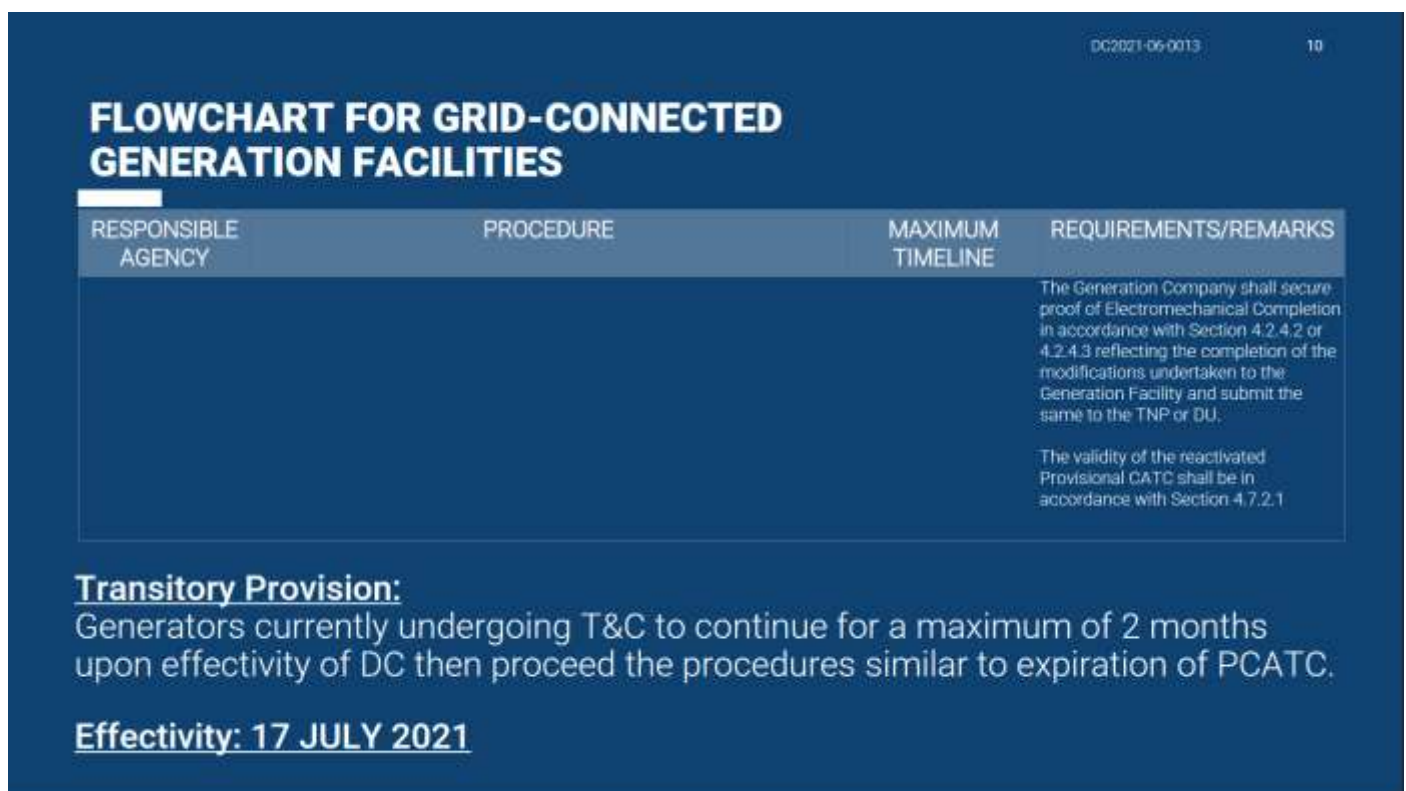
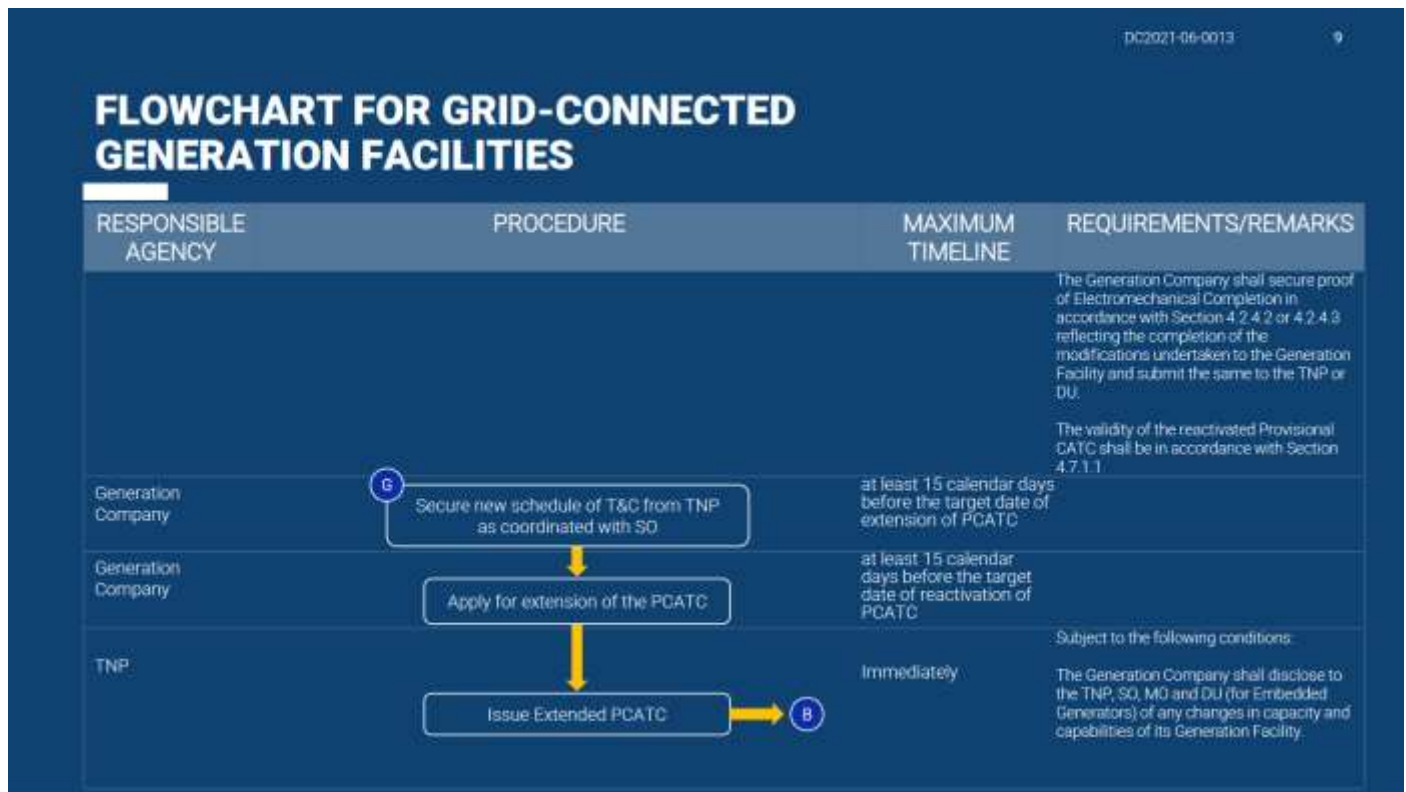
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| Title  | Section                           | Provision  | Proposed Amendment                | Rationale  | Comments   | Proposed Wording based on Comments   | Proponent’s Response   | RCC Decision   | IEMOP’s Update |
|--|-----------------------------------|------------|-----------------------------------|--|--|--|--|--|----------------|
|  |                                   |            |                                   |  | <p><b><u>AC Energy:</u></b></p> <p>We suggest to align these with the procedures of NGCP since they also require WESM registration prior to energization and testing &amp; commissioning activities.</p>   |  | <p><b><u>AC Energy:</u></b></p> <p>The proposed amendments are aligned with current practices on the scheduling and dispatch of power plants under test and commissioning.</p>   |  |                |
| REGISTRATION OF DIRECT WESM MEMBERS AND TRADING PARTICIPANTS | <b><u>2.5.5</u></b><br>(inserted) | (inserted) | <b><u>Registration Phases</u></b> | Generation companies at different stages of the development of their generating facilities (i.e., construction, test and commissioning, commercial operations) participate in the WESM in different ways and, hence, will need to submit different requirements. This section is proposed to introduce stages of registration corresponding to those development stages. | <p><b><u>SPC:</u></b></p> <ul style="list-style-type: none"><li>Any guidelines for submission of the said different requirements for generating companies that will undergo capacity expansion of their respective generating facilities?</li><li>Are guidelines of registration stages (construction, test and commissioning, commercial operations) shall be uniform for all</li></ul> | <p><b><u>SPC:</u></b></p> <p>Requirements guideline for capacity expansion of duly registered generating facilities.</p> | <p><b><u>SPC:</u></b></p> <p>1.Capacity Expansion is handled by Section 3 (Post Registration Transactions and Changes) of the WESM Registration Manual as follows:<br/>a. Registered capacities change - requires the submission of updated COC<br/>b. Additional facility – proposed to</p> | Adopt IEMOP’s proposal including the revisions to Sections 3.3.6.2 and 3.3.6.3 which are already submitted to the DOE and pending their approval (PEM Boar Resolution 2019-18-09 dated 11 December 2019) |                |

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|       |         |           |                    |           | generating facilities regardless of its different installed capacities? |                                    | <p>comply with the technical and commercial requirements and procedures on the registration process. Thus, with this new proposal, it is proposed to add an update on the provisions on the additional generating facility as follows:</p> <p><b>3.3.6.2 The registered generation company shall comply with the technical and commercial requirements under Section 2.5.3 and the procedures under Sections</b></p> | <p><b><u>under Section 2.5.3 and the procedures under Sections 2.5.4, 2.5.5, 2.5.6 and 2.5.7 for its additional facility.</u></b></p> <p><b><u>3.3.6.3 The Market Operator shall assess and approve the request for the registration, on applicable phases, of an additional facility in accordance with the procedures under Sections 2.5.5, 2.5.6, and 2.5.7.</u></b></p> |                |



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|       |         |           |                    |           | <p><b>MSC:</b></p> <p>1. The MSC disagrees with the proposed inclusion of the construction stage in the WESM registration process.</p> <p>A power plant under construction requires</p> | <p><b>MSC:</b></p> <p>Generation companies during the following phases – 1) test and commissioning, and 2) commercial operations, participate in the WESM in different ways and, hence, will need to submit different requirements. This section is proposed to introduce stages of registration corresponding to those development stages.</p> | <p><u>2.5.4, 2.5.5, 2.5.6 and 2.5.7 for its additional facility.</u></p> <p><u>3.3.6.3 The Market Operator shall assess and approve the request for the registration, on applicable phases, of an additional facility in accordance with the procedures under Sections 2.5.5, 2.5.6, and 2.5.7.</u></p> <p>2. Yes, but we want to clarify that applicable phase/s may apply.</p> <p><b>MSC:</b></p> <p>1. We want to note that there are actual generating</p> |              |                |



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|       |         |           |                    |           | <p>temporary power only, and does not yet need to directly connect to the grid at medium or high voltage power. For practical reasons, since construction power requirement is only temporary as well as minimal, power plants should connect with the host DU instead.</p> <p>2. Also, test and commissioning (T&amp;C) as contemplated under the WESM Registration Manual should be limited only to activities related to the generating unit's synchronization to the grid. This necessarily means that other tests that could</p> |                                    | <p>facilities that initially register as load facility in the WESM during its construction phase. This requires some technical requirements for proper monitoring, scheduling and settlement of its energy withdrawal from the grid. The provision on backfeed phase registration does not require all generators to undergo the said phase, but it provides option and flexibility to those generating facility that need to withdraw energy from the transmission system. It was clarified in the provisions that a generating facility may start registration from one of the three</p> |              |                |



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|                                   |                                     |            |   |   | be done by the generator without disrupting the grid are no longer within the scope of the T&C activities in the WESM environment.  |                                    | phases, as deem applicable. A generating facility that will connect through its distribution utility would not need to register under the backfeed phase registration.<br>2. The suggested clarification was reflected in the proposed provisions for Section 2.5.5.1                     |  |                |
| <b><u>Registration Phases</u></b> | <b><u>2.5.5.1</u></b><br>(inserted) | (inserted) | <b><u>An Applicant wishing to register as a Generation Company or a generating system as an additional facility shall start its registration from one of the following phases:</u></b><br><br><b>1. If the Applicant needs to withdraw power from the</b> | This proposed section provides the different phases and the criteria for each phase. In general, the difference of each phase are as follows: <ul style="list-style-type: none"><li>a GenCo under Backfeed Registration will be modelled as a load facility;</li><li>a GenCo under Test and Commissioning</li></ul> | <b><u>SPC:</u></b><br><br><b>a)</b> Are Backfeed, “Test and Commissioning” and Commercial Registration still be necessary for GenCO that undergo for capacity expansion of their duly registered generating facilities? Or what possible registrations, if any, should be |                                    | <b><u>SPC:</u></b><br><br>Yes, the applicable phase/s will be necessary for capacity expansion. The backfeed registration may be exempted from the capacity expansion if the additional facility will not withdraw from the grid through a different connection point. We want to clarify | Adopt IEMOP's revised proposal based on the MSC's comments, to read:<br><br><b><u>a. If the Applicant needs to withdraw power from the transmission system for the construction and development of its generating system and for station use during such</u></b> |                |



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|       |         |           | <p><u>transmission system for the construction and development of its generating system and for station use, the Applicant shall undergo Backfeed Registration.</u></p> <p>2. <u>If the Applicant needs to conduct the necessary test and commissioning process as required by the PGC, the Applicant shall undergo Test and Commissioning Registration.</u></p> | <p>Registration will be modelled as a generation resource but cannot submit offers to the market; and</p> <ul style="list-style-type: none"><li>a GenCo under Commercial Operations Registration will be modelled as a generation resource and can submit offers to the market.</li></ul> | <p>required including remodeling issue preparations.</p> <p>b) Can the Backfeed power for Capacity expansion be allowed from the existing facilities of the Power Plant whenever feasible? If so, then Backfeed registration for capacity expansion may be exempted.</p> <p>c) The current Rules suggests that backfeed registration is already covered in the registration of Intending WESM member under WESM</p> | <p>PEMC:</p> <ul style="list-style-type: none"><li>If the Applicant needs to withdraw power from the transmission system for the construction and development of its generating system and for station use during such period, the Applicant shall undergo Backfeed</li></ul> | <p>that only applicable phase/s will be considered for the registration of additional facility for the capacity expansion. Guidelines for capacity expansion as additional facility are covered under the proposed amendments on Sections 3.3.6.2 and 3.3.6.3</p> <p>PEMC:</p> <p>The rights and obligations of an Intending WESM Member under Section 2.9.5 are only for information access and referrals to the dispute resolution process of the</p> | <p>period, the Applicant shall undergo Backfeed Registration. The facility of the Applicant shall be included in the market network model as load resource at this phase.</p> <p>b. If the Applicant needs to conduct the necessary test and commissioning process as required by the PGC, the Applicant shall undergo Test and Commissioning Registration. For this purpose, Test and Commissioning</p> |                |

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|       |         |           | <p><b>3. If the <u>Applicant will commence commercial operations, the Applicant shall undergo Commercial Operation Registration.</u></b></p> |           | <p>Rules Clause 2.10. We suggest to marry the proposal with the current Rules, and present a process flow for the proposed three phases of registration and the registration as Intending WESM Member.</p> <p><b>d)</b> May we request details of the previously processed registration applications for backfeed operation.</p> <p><b>e)</b> Suggest to further clarify the period covered by the Backfeed Registration phase</p> <p><b>f)</b> Suggest to further clarify the registration as load of</p> | <p><b><u>Registration. The Applicant shall be modelled in the network as load resource at this phase.</u></b></p> <ul style="list-style-type: none"><li><b><u>If the Applicant needs to conduct the necessary test and commissioning process as required by the PGC, the Applicant shall undergo Test and Commissioning Registration.</u></b></li></ul> | <p>WESM. Moreover, for the applicant that needs to withdraw power from the transmission network, technical requirements as load facility need to be established for proper monitoring, scheduling and settlement of such facility during such phase. There are no provisions on such technical requirements under the intending WESM member.</p> <p>The suggested provision may be adopted.</p> <p>Here is the list of the Generating Facilities which initially registered in the WESM as load facility in 2019:</p> | <p><b><u>g shall refer to the generating unit's connection / synchronization to the grid.</u></b></p> <p><b><u>c. If the Applicant commences actual commercial operations, the Applicant shall undergo Commercial Operation Registration.</u></b></p> <p>Proponent's clarifications:</p> <ul style="list-style-type: none"><li>An Applicant shall only need to register for the phase applicable to</li></ul> |                |



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|       |         |           |                    |           | Generation Company undergoing Backfeed Registration, consistent with the proposed Section 2.5.6.1(f). | <p><b>MSC:</b></p> <p><b><u>An Applicant wishing to register as a Generation</u></b></p> | <p>- Solar Philippines Tarlac Corporation</p> <p>- North Negros Biopower, Inc.</p> <p>- South Negros Biopower, Inc.</p> <p>- Grassgold Renewable Energy Corp.</p> <p>- Cleangreen energy Corp.</p> <p>- Central Azucareraa de Bais, Inc.</p> <p>- VS Gripal Power Corp.</p> <p>The Backfeed Registration does not limit its registration period as a load facility. We want to clarify that it is a period when a generating facility needs to withdraw from the transmission network for proper monitoring, scheduling and settlement of energy withdrawal from the grid. The</p> | <p>its generating facility.</p> <ul style="list-style-type: none"><li>• There will only be a one-time registration fee for any phase that a generating facility should register for. This fee is approved by the ERC.</li><li>• A generating facility under backfeed registration is still classified as under a Generation Company but with load facility, not a Directly-connected Customer.</li><li>• There is no restriction on the duration when a facility should end being under</li></ul> |                |



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|       |         |           |                    |           | <p><b>MSC:</b></p> <p>Suggest to delete paragraph (a) on Backfeed Registration. As aforementioned, the construction stage should not be included in the scope of WESM registration. Power plants under construction should connect with their host DUs instead.</p> <p>Suggest to include additional wording, to clarify that T&amp;C as contemplated in the WESM Registration Manual is limited only to activities related to</p> | <p><u><b>Company or a generating system as an additional facility shall start its registration from one of the following phases:</b></u></p> <p><del>1. If the Applicant needs to withdraw power from the transmission system for the construction and development of its generating system and for station use, the Applicant shall undergo Backfeed Registration</del></p> <p><b>1. If the Applicant needs to conduct the necessary test and commissioning process as required by the PGC, the Applicant shall undergo Test</b></p> | <p>applicant may register for the Test and Commissioning phase upon it’s availability to undergo such activity.</p> <p><b>MSC:</b></p> <p>We want to clarify that the backfeed phase is not mainly for the construction of the generating facility but on its need to withdraw energy from the transmission network. There are actual cases wherein generating facilities initially registers in the WESM as a load facility. Power plants connecting to the DU do not need to undergo backfeed</p> | <p>backfeed registration. This phase usually lasts between 1 to 6 months.</p> <ul style="list-style-type: none"><li>• Embedded generators do not need to undergo backfeed registration since they are under the distribution system.</li></ul> |                |



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|       |         |           |                    |           | the generating unit's synchronization to the grid. This effectively excludes all other tests that could be done by the generator without disrupting the grid. | <u>and Commissioning Registration. For this purpose, Test and Commissioning shall refer to the generating unit's connection / synchronization to the grid.</u><br><b>2. If the Applicant commences actual commercial operations, the Applicant shall undergo Commercial Operation Registration.</b> | registration phase. Thus, we want to retain the proposed Backfeed Registration phase as option and flexibility to those generating plants that need to withdraw energy from the transmission network.<br><br>The suggested additional wording may be adopted, with the final provision as follows:<br><b>a. If the Applicant needs to withdraw power from the transmission system for the construction and development of its generating system and for station use during such period, the</b> |              |                |



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|       |         |           |                    |           |          |                                    | <p><u>Applicant shall undergo Backfeed Registration.</u><br/><u>The facility of the Applicant shall be included in the market network model as load resource at this phase.</u></p> <p><u>b. If the Applicant needs to conduct the necessary test and commissioning process as required by the PGC, the Applicant shall undergo Test and Commissioning Registration.</u><br/><u>For this purpose, Test and Commissioning shall refer to</u></p> |              |                |



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|       |         |           |                    |           | <p><b><u>NGCP:</u></b></p> <p>NGCP suggests that the Testing and Commissioning Phase should have a validity period to limit the number of Generators still running at T&amp;C although the T&amp;C stage is already done.</p> |                                    | <p><b><u>the generating unit's connection / synchronization to the grid.</u></b></p> <p><b><u>c. If the Applicant commences actual commercial operations, the Applicant shall undergo Commercial Operation Registration.</u></b></p> <p><b><u>NGCP:</u></b></p> <p>Agree. The suggested clarification was reflected in the proposed</p> |              |                |



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|                            |                         |           |   |   |   |                                    | provisions for Section 2.5.6.1 (f)  |   |                |
| <u>Registration Phases</u> | <u>2.5.5.2</u><br>(new) | (new)     | <u>An Applicant wishing to register as a Customer or a load facility shall start its registration at the Commercial Operation Registration phase.</u> | Unlike generating facilities, load facilities participate in the market in only one manner (i.e., non-dispatchable load); hence, it is proposed that Customers register only under Commercial Registration phase. | <u>PEMC:</u><br><br>How about Applicants that are MSPs and Ancillary service providers? Note that load facilities may soon be able to provide AS as interruptible loads (for contingency & dispatchable) per DOE DC 2019-12-0018. | <u>MSC:</u>                        | <u>PEMC:</u><br><br>There are separate provisions for the application for registration as MSPs and Ancillary service providers. | Agree with MSC's comment. The provision was revised as follows:<br><br><u>An Applicant wishing <del>desiring</del> planning to register as a Customer or a load facility shall start its registration at the Commercial Operation</u> |                |

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|                            |                               |                          |  |  | <b>MSC:</b><br><br>Suggest use “desiring to register instead of “wishing to register”  | <b>An <u>Applicant wishing <del>desiring</del> to register as a Customer or a load facility shall start its registration at the Commercial Operation Registration phase</u></b> | <b>MSC:</b><br><br>The suggested wordings may be adopted, with the provision as follow:<br><br><b>An <u>Applicant wishing <del>desiring</del> to register as a Customer or a load facility shall start its registration at the Commercial Operation Registration phase</u></b> | <b><u>Registration phase</u></b> |                |
| Assessment of Applications | <del>2.5.56</del><br>2.5.56.1 | 2.5.5 XXX<br>2.5.5.1 XXX | <del>2.5.56</del> XXX<br><del>2.5.56.1</del> XXX | Re-numbered with the proposed introduction of the registration phases. | <b>SPC:</b><br><br>Guidelines for assessment of applications for capacity expansion of duly registered power generating facilities |   | <b>SPC:</b><br><br>Guidelines for capacity expansion as additional facility are covered under the proposed amendments on Sections 3.3.6.2 and 3.3.6.3  | Adopt IEMOP                      |                |



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| Assessment of Applications – Submission and Preliminary Assessment of Applications | 2.5.56.1(a) | Applications for registration shall be submitted to the <i>Market Operator</i> together with documents and information required by the <i>Market Operator</i> to prove compliance with the membership criteria and requirements for registration. | Applications for registration shall be submitted to the <i>Market Operator</i> together with documents and information required by the <i>Market Operator</i> to prove compliance with the membership criteria and requirements for registration. <b><u>An Applicant shall submit a separate application for registration in each applicable phase. Documents and information submitted during its registration for a prior phase may be used in succeeding applications.</u></b> | To clarify that separate application for each registration phase will be required; however, their submitted documents and information from the previous phase will already be honored in the next phases. | <b><u>AC Energy:</u></b><br><br>Is the Notice of Approval for the previous phase/s required to submit the application for registration for the next phase/s?<br><br>We suggest that even though there are separate applications for registration for each phase, all applications for one project should be treated as one and should have a numbering system to keep record of the relations of the separate applications. | <b><u>AC Energy:</u></b><br><br>Applications for registration shall be submitted to the <i>Market Operator</i> together with documents and information required by the <i>Market Operator</i> to prove compliance with the membership criteria and requirements for registration. <b><u>An Applicant shall submit a separate application for registration in each applicable phase but all of the applications for each phase shall be provided with one registration number and kept in one folder. Documents and information submitted during its registration for a prior phase may be used in succeeding applications.</u></b> | <b><u>AC Energy:</u></b><br><br>The Notice/s of Approval for the previous phase/s are not required for submission for the registration for the next phase/s as generating facility may start on any phase as applicable.<br><br>The documents submitted on any phase are honored, treated as one and may be used for the succeeding applications. The suggested numbering system for record purposes may not need be included in the provisions of the manual.<br><br>We suggest to retain the wording as initially proposed. | Adopt MSC’s revised wording as agreed by IEMOP:<br><br>xxx <b><u>An Applicant shall submit a separate application for registration in each applicable phase. Documents and information submitted during its registration for a prior phase may be used in succeeding applications, provided that the Applicant shall update the same as of the date of the filing of the separate application, if necessary.</u></b> |                |

Annex F – Proposed Amendments to the WESM Registration Manual for General Enhancements to the Application Process of New WESM Members in consideration of DOE DC2021-06-0013 entitled “Adopting a General Framework Governing the Test and Commissioning of Generation Facilities” (ORCP-WM-19-20)

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|       |         |           |                    |           | <p><b><u>SPC:</u></b></p> <p>Guidelines for assessment of applications for capacity expansion of duly registered power generating facilities.</p> <p><b><u>MSC:</u></b></p> <p><b><u>In the last sentence, following phrase “, provided that the Applicant shall update the same as of the date of the filing of the separate application, if necessary.”</u></b></p> | <p><b><u>MSC:</u></b></p> <p>Applications for registration shall be submitted to the <i>Market Operator</i> together with documents and information required by the <i>Market Operator</i> to prove compliance with the membership criteria and requirements for registration. <b><u>An Applicant shall submit a separate application for registration in each applicable phase.</u></b></p> | <p><b><u>SPC:</u></b></p> <p>Guidelines for capacity expansion as additional facility are covered under the proposed amendments on Sections 3.3.6.2 and 3.3.6.3</p> <p><b><u>MSC:</u></b></p> <p>We agree that only documents that are still valid should be used for succeeding applications and that the Applicant should update the documents when necessary.</p> <p>We agree to adopt the revisions.</p> |              |                |



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|       |         |           |                    |           | <p><b><u>NGCP:</u></b></p> <p>NGCP suggests that the documents needed for registration should be enumerated in the Manual.</p> | <p><u>Documents and information submitted during its registration for a prior phase may be used in succeeding applications, provided that the Applicant shall update the same as of the date of the filing of the separate application, if necessary.”.</u></p> | <p><b><u>NGCP:</u></b></p> <p>The complete list of required documents for registration is published in the WESM website. Inclusion of the list in the Manual may require long and timely process for every change</p> |              |                |



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|  |             |  |   |  |  |                                    | needed for every required document, which may cause delay on its implementation of the registration process.<br><br>We suggest not to include the list of required documents in the WESM Manual. |              |                |
| Assessment of Applications – Submission and Preliminary Assessment of Applications | 2.5.56.1(d) | If the facilities being registered are not yet represented in the prevailing WESM Market Network Model, the Market Operator shall, in consultation with the System Operator and the Applicant, determine the appropriate representation for the said facility. It shall then update the WESM Market Network Model following the procedures set | If the facilities being registered are not yet represented in the prevailing WESM Market Network Model, the Market Operator shall, in consultation with the System Operator and the Applicant, determine the appropriate representation for the said facility <b><u>based on the registration phase of the Applicant</u></b> . It shall then update the WESM Market Network Model | Re-numbered with the proposed introduction of the registration phases.<br><br>To clarify that the applicant may be differently represented in the Market Network Model (MNM) depending on the registration phase of the applicant (i.e., as a load during backfeed, and as generator during test and commissioning and commercial operations). | <b><u>SPC:</u></b><br><br>Guidelines for assessment of applications for capacity expansion of duly registered power generating facilities. |                                    | <b><u>SPC:</u></b><br><br>Guidelines for capacity expansion as additional facility are covered under the proposed amendments on Sections 3.3.6.2 and 3.3.6.3                                     | Adopt IEMOP  |                |



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|--|--------------------------------|-----------------------------------|---|--|--|------------------------------------|---|---|----------------|
|  |                                | forth in relevant market manuals. | following the procedures set forth in relevant market manuals.  |  |  |                                    |   |   |                |
| Assessment of Applications – Submission and Preliminary Assessment of Applications | <b>2.5.6.1(e)</b><br><br>(new) | (new)                             | <b><u>The Applicant shall execute a market participation agreement in the form prescribed by the Market Operator.</u></b> | To reflect current practice that signed Market Participation Agreement is being submitted by applicants before the Notice of WESM Approval to ensure compliance of the applicant with the WESM Rules and Manuals | <b>AC Energy:</b><br><br>Please clarify what will be the requirements for the execution of this agreement and the period for approval and execution.<br><br><b>SPC:</b><br><br>2. Guidelines for assessment of applications for capacity expansion of duly |                                    | <b>AC Energy:</b><br><br>Execution refers to the signing and submission of the Market Participation Agreement to the Market Operator. The Market Participation Agreement should be submitted before the processing of the application.<br><br><b>SPC:</b><br><br>Guidelines for capacity expansion as additional facility are covered under | Amend provision based on IEMOP and PEMC’s comments:<br><br><b><u>The Applicant shall execute a market participation agreement in the form prescribed by the Market Operator and PEMC.</u></b> |                |



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|       |         |           |                    |           | <p>registered power generating facilities.</p> <p>3. For capacity expansion of existing power plant, an addendum to the previously signed Market Participation Agreement (from the existing power plant) can be executed for its capacity expansion.</p> <p><b>PEMC:</b></p> <p>PEMC shall also agree on a market participation agreement noting that it is a signatory of the tripartite agreement.</p> | <p><b>PEMC:</b></p> <p><b><u>The Applicant shall execute a market participation agreement in the form prescribed by the Market Operator and PEMC.</u></b></p> <p><b><u>Pursuant to Section 2.5.7.3, the Applicant shall also execute a Waiver on its eligibility as a WESM member as a consequence of non-compliance</u></b></p> | <p>the proposed amendments on Sections 3.3.6.2 and 3.3.6.3</p> <p>For capacity expansion, there is no need for a new Market Participation Agreement, the signed Market Participation Agreement for the existing WESM member will be honored.</p> <p><b>PEMC:</b></p> <p>We agree to adopt the addition of PEMC as signatory in the market participation agreement.</p> <p>We suggest that the waiver not be required since the</p> |              |                |



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|       |         |           |                    |           | <p>We agree with this proposal and note that Clause 2.2.2.1 (b) provides that Trading Participants are bound by the WESM Rules upon registration with the Market Operator.</p> <p>We suggest to require the Applicant to execute a Waiver, as proposed, to ensure that the Applicant is aware and will endeavour to comply with the condition of the Test and Commissioning Registration Phase. This aim to deter the prolonged test and commissioning</p> | <p><u>with applicable rules and on its entitlement for payment for its generated output during test and commissioning if such generation was done beyond the approved test and commissioning period.</u></p> | <p>MPA already subjects the applicant to the WESM Rules which includes the non-payment of generated output beyond the authorized test and commissioning period</p> |              |                |



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|  |                            |           |   |  | and encourage Applicant to secure the necessary certification from the ERC for any extensions.  |                                    |  |  |  |
| Assessment of Applications – Submission and Preliminary Assessment of Applications | <b>2.5.6.1(f)</b><br>(new) | (new)     | <b><u>An Applicant as a Generation Company shall comply with the authorization requirement under Section 2.5.3.1 based on its registration phase as follows:</u></b><br><br><b><u>1.Backfeed Registration. Applicant shall submit a receiving copy of its application with the ERC for a Certificate of Compliance, together with Form 7 (General Plant Description) duly stamped</u></b> | This section provides the proposed unique documentary requirement for each phase:<br>a. a GenCo registering under Backfeed Registration will be required to submit proof that its registration as a load is towards operation of a generating facility;<br>b. a GenCo registering under Test and Commissioning | <b><u>AC Energy:</u></b><br><br>Other than the receiving copy of the ERC COC application, are there other changes to the requirements for Backfeed Registration?<br><br>Please clarify if the submissions of the requirements for different phases shall also be sufficient for NGCP to honor.<br><br>Please clarify as well NGCP's obligation to allow the registrant to connect based on the submissions made by the applicant on the different phases. |                                    | <b><u>AC Energy:</u></b><br><br>There are no other changes to the requirements for Backfeed Registration.<br><br>Registration in any phase will constitute to WESM membership for the Applicant.<br><br>Effect of the proposed amendments to NGCP's processes may be better addressed by NGCP. | <ul style="list-style-type: none"><li>Ms. Angeli Parcia (APC) informed that Generation Companies are allowed to file for COCs around 6 months prior to its testing and commissioning activities. A facility would require backfeed power way before testing and commissioning so a COC may still not be available during the backfeed registration</li></ul> | <b>Note:</b><br><br><b>On (1) additional proposal to retain “shall” instead of “may”,</b><br><br><b>On (2) harmonization with DOE DC</b><br><br>An Applicant as a Generation Company shall comply with the authorization |



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|       |         |           | <p><u>“received” by the ERC.</u></p> <p><b>2. Test and Commissioning Registration.</b><br/><u>Applicant shall submit an ERC certification allowing the Applicant to conduct test and commissioning. The test and commissioning period of the Applicant shall be as indicated in the ERC certification or, if not indicated, two (2) months from the date of the certification. Applicant shall submit a receiving copy of its application with the ERC for a Certificate of Compliance, together with Form 7 (General Plant</u></p> | <p>Registration will be required to submit proof that it is allowed by the ERC to inject power to the grid for test and commissioning; a default test and commissioning period of two (2) months is also proposed based on Section 2(iii) of ERC Resolution No. 16, Series of 2014 (“2014 Revised COC Rules”); and</p> <p>c. a GenCo registering under Commercial Operations Registration</p> | <p><b>SPC:</b></p> <p>a) Guidelines for assessment of applications for capacity expansion of duly registered generating facilities.</p> <p>b) Are guidelines of Backfeed Registration especially registration fees still uniform for all generating facilities regardless of its different installed capacities.</p> <p>c) The timeline for test and commissioning of power plants may vary depending on their technology and contracts made by the Generation Company from Third Party for its test and</p> |                                    | <p><b>SPC:</b></p> <p>4. Guidelines for capacity expansion as additional facility are covered under the proposed amendments on Sections 3.3.6.2 and 3.3.6.3</p> <p>5. The Registration fee is a one-time payment and is uniform for all generating facilities regardless of their different installed capacities.</p> <p>3. ERC Resolution No. 16, Series of 2014 provides the allowable timeline for the test and commissioning of power plants. For any</p> | <p>phase. Hence, she suggested to not require a copy of the COC during said registration phase.</p> <ul style="list-style-type: none"><li>• The RCC and the proponent agreed to make COCs no longer mandatory.</li><li>• Ms. Gregorio clarified that the Market Operator shall notify the System Operator to remove a facility in overriding constraints once the prescribed 2-month period of testing and commissioning for that</li></ul> | <p>requirement under Section 2.5.3.1 based on its registration phase as follows:</p> <p>1. Backfeed Registration. Applicant <del>may</del> <b>shall</b> submit a receiving copy of its application with the ERC for a Certificate of Compliance, together with Form 7 (General Plant Description) duly stamped “received” by the ERC.</p> |



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|       |         |           | <p><u>Description) duly stamped “received” by the ERC if this was not yet submitted.</u></p> <p><u>3. Commercial Operations Registration. Applicant shall submit either a Certificate of Compliance or Provisional Authority to Operate (PAO) or, in the absence thereof, a certification issued by the ERC allowing the Applicant to undergo commercial operations.</u></p> | <p>will be required to submit proof that it is allowed to sell power by the ERC.</p> | <p>commissioning, thus the two (2) months period may not be enough. If this situation happens, the Market Operator should be well informed for the test and commissioning timelines of the power plant so that proper registration phases can be made.</p> <p>d) For Commercial Operation Registration, the Market Operator should only adopt and register the capacity as indicated in the Annex-B of the Certificate of Compliance or Provisional Authority to Operate as issued by the ERC. With this, partial</p> | <p></p> <p><b>PEMC:</b></p> <p><u>An Applicant as a Generation Company shall comply with the authorization requirement under</u></p> | <p>discrepancy or extension for such activity, an ERC certification for authorized test period will be honored by the Market Operator.</p> <p>4. For Commercial Operation Registration, the registered capacity indicated in the COC's Annex B will be adopted.</p> | <p>facility expires, unless there is a certification allowing extension of the facility's testing and commissionin g.</p> <ul style="list-style-type: none"><li>Ms. Parcia and Mr. Dixie Anthony Banzon (MPPCL) informed that the commenting period on the COC Rules is on-going. Among the recommendati ons is to make the 2-month period cumulative, or prescribe different testing and commissionin g periods depending on</li></ul> | <p>2. Test and Commissionin g Registration. Applicant shall submit an ERC certification allowing the Applicant <u>the scheduled date of Test and Commissionin g, as coordinated with TNP and SO, for the to conduct of test and commissioning . Prior to the actual conduct of test and commissionin g, the Generation</u></p> |

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|       |         |           |                    |           | <p>registration capacity can be made to power plants that are modelled with aggregated Units.</p> <p><b>PEMC:</b></p> <p>d. Suggest to re-number for easier referencing of provisions.</p> <p>e. Suggest to also require Applicants to submit the DOE’s Certificate of Endorsement (COE), which is a requirement when applying for a COC.</p> <p>f. Does the ERC issue a separate</p> | <p><b>Section 2.5.3.1 based on its registration phase as follows:</b></p> <p>1. <b>Backfeed Registration.</b> <u>Applicant shall submit a receiving copy of its application with the ERC for a Certificate of Compliance, together with Form 7 (General Plant Description) duly stamped “received” by the ERC and Certificate of Endorsement issued by the DOE.</u></p> <p>2. <b>Test and Commissioning Registration.</b> <u>Applicant shall submit an ERC certification</u></p> | <p><b>PEMC:</b></p> <ul style="list-style-type: none"><li>• We agree to adopt the re-numbering.</li><li>• DOE’s Certificate of Endorsement is a requirement for ERC in the issuance of the COC. No person may engage in the generation of electricity unless such person has received a COC from the ERC. Thus, submission of DOE’s COE may not be necessary since having a COC already indicates that the generation company has secured a DOE COE.</li></ul> | <p>a plant’s technology. Mr. Banzon stated that the current 2-month period is not realistic.</p> <ul style="list-style-type: none"><li>• Continuing to inject to the grid beyond the allowed period of testing and commissioning may be grounds for suspension or disconnection.</li><li>• Ms. Gregorio stated that 15 days prior to the expiration of a facility’s testing and commissioning, the Market Operator shall notify that facility. After the expiration, the suspension</li></ul> | <p><u>Company shall furnish the MO and SO a copy of its Provisional Certificate of Approval to Connect (PCATC), with additional Clearance to energize from the Transmission Network Provider for embedded generators.</u></p> <p>The test and commissioning period of the Applicant shall be as indicated in the <u>Provisional Certificate of Approval to</u></p> |



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|       |         |           |                    |           | <p>certification authorizing the generators to conduct test and commissioning? May we request a sample of this to be presented to the RCC?</p> <p>Can the submission of a valid and unexpired Provisional Authority to Operate (PAO) be required instead for applications for Test and Commissioning phase?</p> <p>g. Suggest to reckon the alternate period for test and</p> | <p><u>allowing the Applicant to conduct test and commissioning. The test and commissioning period of the Applicant shall be as indicated in the ERC certification or, if not indicated, two (2) months within such period from the actual start date of the certification approved test and commissioning consistent with the prevailing ERC guidelines for the issuance of Certificate of Compliance. Applicant shall submit a receiving copy of its application with the ERC for a Certificate of Compliance, together with</u></p> | <p>• The ERC has issued certifications allowing the subject generating unit to conduct test and commissioning. The PAO is issued by the ERC for commercial operations already.</p> <p>• We agree to refer the timeline to the ERC's issuances and to indicate that the PAO should be valid.</p> | <p>and disconnection process will be triggered if there is no extension provided.</p> <p>• A facility will not be entitled to receive NSS, if any, beyond the authorized period of testing and commissioning.</p> <p>• Mr. John Mark S. Catriz (PEMC), representing the MSC, stated that penalties should be imposed on facilities that continue to inject in the grid beyond the authorized period of testing and</p> | <p><b>Connect</b> ERC certification, if not indicated, within such period from the actual start date of the approved test and commissioning consistent with the prevailing ERC guidelines for the issuance of Certificate of Compliance. Applicant shall submit a receiving copy of its application with the ERC for a Certificate of Compliance, together with</p> |

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|       |         |           |                    |           | commissioning from the actual start date of the approved test and commissioning (instead of the date of the certification). This is consistent with Section 2(iii) of the ERC Resolution No. 16, Series of 2014. Also, since the issuance of COC may be changed and is under the jurisdiction of the ERC, we suggest to refer to the ERC such guidelines instead of specifying the period for test and | <p><u><b>Form 7 (General Plant Description) duly stamped "received" by the ERC if this was not yet submitted.</b></u></p> <p><u><b>3. Commercial Operations Registration. Applicant shall submit either a Certificate of Compliance or a valid and unexpired Provisional Authority to Operate (PAO) or, in the absence thereof, a certification issued by the ERC allowing the Applicant to undergo commercial operations.</b></u></p> <p><u><b>MSC:</b></u></p> |                      | <p>commissioning. This is because they continue to bump-off other generators who should have been dispatched if those facilities are no longer injecting. He added that this should be especially imposed on those not paid via the spot market, for instance, those paid through bilateral contracts, or RE plants paid through FIT allowance.</p> <ul style="list-style-type: none"><li>As suggested by Mr. Cacho, the RCC requested PEMC and</li></ul> | <p>Form 7 (General Plant Description) duly stamped "received" by the ERC if this was not yet submitted. In case of extended period for Test and Commissioning, the Applicant shall submit <u>to the MO the corresponding extended PCATC three (3) working days from the original expiry date of PCATC</u> ERC certification indicating the approved</p> |



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|       |         |           |                    |           | <p>commissioning in this Market Manual.</p> <p>h. Suggest to specify that the PAO submitted for the Commercial Phase be valid and unexpired noting that such also has an expiration.</p> <p><b>MSC:</b></p> | <p><u><b>An Applicant as a Generation Company shall comply with the authorization requirement under Section 2.5.3.1 based on its registration phase as follows:</b></u></p> <p><b>1. <del>Backfeed Registration. Applicant shall submit a receiving copy of its application with the ERC for a Certificate of Compliance, together with Form 7 (General Plant Description) duly stamped “received” by the ERC.</del></b></p> <p><b>2. Test and Commissioning Registration.</b></p> | <p><b>MSC:</b></p> <p>We propose to retain the paragraph on Backfeed Registration to provide option and flexibility to power plants that may need to withdraw energy from the transmission system.</p> <p>We propose to adopt PEMC’s recommendation</p> | <p>the MSC to recommend proposed amendments to the Penalty Manual (currently pending DOE approval) to impose penalties on plants under prolonged testing and commissioning.</p> <p>Pending the submission of further inputs as discussed above, the RCC preliminarily agreed to revise the provision, as follows:</p> <p><u><b>An Applicant as a Generation Company shall comply with the authorization</b></u></p> | <p>period for the extended conduct of Test and Commissioning.</p> <p>3. Commercial Operations Registration. Applicant shall submit either a Certificate of Compliance or Provisional Authority to Operate (PAO).</p> |





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|       |         |           |                    |           | <p>Suggest to delete paragraph on Backfeed Registration. As aforementioned, the construction stage should not be included in the scope of WESM registration.</p> <p>As regards the Test and Commissioning Registration, the MSC agrees with the proposal that plants exceeding the ERC-prescribed 60 days for T&amp;C should no longer receive payment from the Market Operator. It is however suggested to replace two months with 60 days, to provide a more specific period. Also, it is suggested to cite the ERC Resolution which is the basis for the prescribed period, to provide flexibility in case of an amendment on</p> | <p><u>Applicant shall submit an ERC certification allowing the Applicant to conduct test and commissioning . The test and commissioning period of the Applicant shall be as indicated in the ERC certification or, if not indicated, shall be a period of 60 days two (2) months from the date of the certification, as prescribed under ERC Resolution No. 16, s.2014. Applicant shall submit a receiving copy of its application with the ERC for a Certificate of Compliance, together with</u></p> | <p>for a general reference to the ERC COC Rules.</p> <p>We agree to include the required documentation in case of extended test and commissioning.</p> <p>We suggest to retain the last paragraph in case the ERC issues a document with the same content but different title.</p> | <p><u>requirement under Section 2.5.3.1 based on its registration phase as follows:</u></p> <p>1. <u>Backfeed Registration. Applicant shall-may submit a receiving copy of its application with the ERC for a Certificate of Compliance, together with Form 7 (General Plant Description) duly stamped “received” by the ERC.</u></p> <p>2. <u>Test and Commissioning Registratio</u></p> |                |



Annex F – Proposed Amendments to the WESM Registration Manual for General Enhancements to the Application Process of New WESM Members in consideration of DOE DC2021-06-0013 entitled “Adopting a General Framework Governing the Test and Commissioning of Generation Facilities” (ORCP-WM-19-20)

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|       |         |           |                    |           | <p>the ERC Rules on T&amp;C.</p> <p>Further, the MSC is suggesting to include the required documentation in case of extended T&amp;C.</p> <p>On the proposed provision on Commercial Operations Registration, the MSC agrees in the mention of the ERC’s PAO in this Phase, as this addresses the procedural gap in the current registration process by giving recognition to the current practice of allowing TPs to start commercial operations on the basis of a duly-issued PAO.</p> <p>It is suggested that the last phrase be removed, as it is already ERC’s practice to issue a</p> | <p><b><u>Form 7 (General Plant Description) duly stamped “received” by the ERC if this was not yet submitted. In case of extended period for Test and Commissioning , the Applicant shall submit the corresponding ERC certification indicating the approved period for the extended conduct of Test and Commissioning</u></b></p> <p><b><u>3. Commercial Operations Registration. Applicant shall submit either a Certificate of</u></b></p> |                      | <p><b><u>n. Applicant shall submit an ERC certification allowing the Applicant to conduct test and commissioning. The test and commissioning period of the Applicant shall be as indicated in the ERC certification or, if not indicated, two (2) months within such period from the actual start date of the certification approved test and commissio</u></b></p> |                |



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|       |         |           |                    |           | Provisional Authority. A PA is the term being issued even by other regulatory bodies such as the NTC. | <u>Compliance or Provisional Authority to Operate (PAO).</u><br><del>or, in the absence thereof, a certification issued by the ERC allowing the Applicant to undergo commercial operations.</del> |                      | <u>ning consistent with the prevailing ERC guidelines for the issuance of Certificate of Compliance . Applicant shall submit a receiving copy of its application with the ERC for a Certificate of Compliance , together with Form 7 (General Plant Description ) duly stamped “received” by the ERC if this was not yet submitted. In case of</u> |                |



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|       |         |           |                    |           | <p><b>NGCP:</b></p> <p>i. NGCP suggests the following:</p> <ul style="list-style-type: none"><li>The proposed amendment should be consistent</li></ul> |                                    | <p><b>NGCP:</b></p> <p>a. The proposed amendment is consistent with the existing ERC's COC Rules</p> <p>b. The proposed joint meeting between ERC, PEMC, IEMOP and NGCP for discussion on Test and Commissioning may be conducted.</p> <p>c. It is proposed that any energy injection to the grid beyond the authorized period will not be entitled to WESM payments.</p> <p>The proposal is recommended to be revised as follows:</p> | <p><u>extended period for Test and Commissioning, the Applicant shall submit the corresponding ERC certification indicating the approved period for the extended conduct of Test and Commissioning.</u></p> <p>3. <u>Commercial Operations Registration. Applicant shall submit either a Certificate of Compliance or Provisional Authority to Operate</u></p> |                |





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|       |         |           |                    |           | <p>with the existing ERC’s COC Rules.</p> <ul style="list-style-type: none"><li>There should be a joint meeting between ERC, PEMC, IEMOP and NGCP to discuss amendments on Testing &amp; Commissioning both on WESM Manual and COC Rules</li></ul> <p>1. NGCP would like to seek clarification if there will be a penalty to the generator should the Testing and Commissioning go beyond the two (2) - month period.</p> |                                    | <p>i. <u>Backfeed Registration. Applicant shall submit a receiving copy of its application with the ERC for a Certificate of Compliance, together with Form 7 (General Plant Description) duly stamped “received” by the ERC.</u></p> <p>ii. <u>Test and Commissioning Registration. Applicant shall submit an ERC certification allowing the Applicant to conduct test</u></p> | <p><del>(PAO). or, in the absence thereof, a certification issued by the ERC allowing the Applicant to undergo commercial operations.</del></p> |                |



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|       |         |           |                    |           |          |                                    | <u>and commissioning. The test and commissioning period of the Applicant shall be as indicated in the ERC certification or, if not indicated, two (2) months within such period from the actual start date of the certification approved test and commissioning consistent with the prevailing ERC guidelines for the issuance of</u> |              |                |



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|       |         |           |                    |           |          |                                    | <u>Certificate of Compliance.</u><br><u>Applicant shall submit a receiving copy of its application with the ERC for a Certificate of Compliance, together with Form 7 (General Plant Description) duly stamped “received” by the ERC if this was not yet submitted. In case of extended period for Test and Commissioning, the Applicant shall submit the</u> |              |                |



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|       |         |           |                    |           |          |                                    | <p><u>corresponding ERC certification indicating the approved period for the extended conduct of Test and Commissioning.</u></p> <p><u>iii. Commercial Operations Registration. Applicant shall submit either a Certificate of Compliance or a valid and unexpired Provisional Authority to Operate (PAO) or, in the absence thereof, a certification from ERC issued by the ERC allowing the Applicant</u></p> |              |                |

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|  |                            |           |   |   |   |   | <del>to —undergo commercial operations.</del>  |   |   |
| Assessment of Applications – Submission and Preliminary Assessment of Applications | <b>2.5.6.1(g)</b><br>(new) | (new)     | <b>Registration Fees. During its Backfeed Registration, subject to approval by the ERC of the amount to be recovered, the Applicant shall pay to the Market Operator a registration fee to cover cost incurred for the assessment of the application, training of the participants and installation and maintenance of digital certificates. If the Market Operator incurs additional costs as a result of requesting and assessing additional information, it may require the applicant to pay the actual amount incurred to</b> | It is proposed that the registration fee be settled by the applicant on the first stage of its application for WESM Membership to cover the cost incurred in the whole duration of the application process including registration assessment, training of the participants, and installation and maintenance of the digital certificates. | <b>SPC:</b><br><br>1. Guidelines for assessment of applications for capacity expansion of duly registered generating facilities.<br><br>2. For Generation Company applying for capacity expansion, the registration fees may be exempted or less costly since the Backfeed registration can be excluded if the existing power generation facilities can accommodate the Backfeed power. | <b>PEMC:</b><br><br><b>Registration Fees. During its Backfeed</b> | <b>SPC:</b><br><br>1. Guidelines for capacity expansion as additional facility are covered under the proposed amendments on Sections 3.3.6.2 and 3.3.6.3<br><br>2. The Registration fee is a one-time payment for each WESM membership applicant. There is no required registration fee for the application on capacity expansion. | Adopt PEMC's revision per IEMOP's agreement:<br><br><b>Registration Fees. During its Backfeed Registration first registration phase, subject to approval by the ERC of the amount to be recovered, the Applicant shall pay to the Market Operator a registration fee, as may be approved by the ERC, to cover the cost incurred for the assessment of the application, training of the participants</b> | <b>NOTE: For refinement</b><br><br>Registration Fees. During its first registration phase, subject to approval by the ERC of the amount to be recovered, the Applicant shall pay to the Market Operator a registration fee, as may be approved by the ERC, to cover the cost incurred for the assessment of the application, training of the participants |

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|-------|---------|-----------|---|-----------|--|---|---|---|--|
|       |         |           | <u>cover those additional costs.</u> <sup>1</sup> |           | <p><b>PEMC:</b></p> <ul style="list-style-type: none"><li>There may be Applicants that will not undergo Backfeed Registration. Suggest that Applicants pay the Registration Fee during its first stage of its application (either Backfeed or Test and Commissioning Registration).</li><li>Requesting clarification whether Applicants will pay separate registration fees for multiple categories.</li></ul> | <p><u>Registration first registration phase, subject to approval by the ERC of the amount to be recovered, the Applicant shall pay to the Market Operator a registration fee to cover cost incurred for the assessment of the application, training of the participants and installation and maintenance of digital certificates. xxx</u></p> | <p><b>PEMC:</b></p> <p>We agree with the proposed revision to refer to the first registration phase:</p> <p><u>Registration Fees. During its Backfeed Registration first registration phase, subject to approval by the ERC of the amount to be recovered, the Applicant shall pay to the Market Operator a registration fee to cover cost incurred for the assessment of the application, training of the participants and installation and maintenance of</u></p> | <p><u>digital certificates. xxx</u></p> | <p>and installation and maintenance of digital certificates.</p> |

<sup>1</sup> WESM Rules clause 2.5.3.3



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|       |         |           |                    |           | <p>Suggest to include a provision on this, for clarity.</p> <p><b>MSC:</b></p> <p>Consistent with the comments above, suggest to delete any reference to Backfeed Registration.</p> | <p><b>MSC:</b></p> <p><u>Registration Fees. During its <del>Backfeed</del> Registration for Testing and Commissioning, subject to approval by the ERC of the amount to be recovered, the Applicant shall pay to the Market Operator a registration fee to cover cost incurred for the assessment of the application, training of the participants and installation and maintenance of digital certificates. If the Market Operator incurs additional costs as a result of requesting and assessing</u></p> | <p><u>digital certificates. xxx</u></p> <p>The Registration fee is a one-time payment for each WESM membership applicant, that covers the cost from their first registration phase up to their commercial operation.</p> <p><b>MSC:</b></p> <p>It is proposed that Backfeed Registration be retained.</p> |              |                |





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|  |                                   |           |  |   |   | <u>additional information, it may require the applicant to pay the actual amount incurred to cover those additional costs.<sup>2</sup></u> |  |  |   |
| Assessment of Applications – Submission and Preliminary Assessment of Applications | <b><u>2.5.6.1(h)</u></b><br>(new) | (new)     | <b><u>Participant Interface Access. During the Test and Commissioning registration phase, the Applicant shall subscribe to and allow the Market Operator to apply or</u></b> | To clarify that the Participant Interface Access may be installed as early as the test and commissioning registration phase of the applicant, however, the system | <b><u>AC Energy:</u></b><br><br>What happens if Participant Interface cannot be established by the MO during the period allotted for Testing and Commissioning? |  | <b><u>AC Energy:</u></b><br><br>The option to install the digital certificate during the test and commissioning phase is to allow for faster | Adopt IEMOP’s revised wording:<br><br><b><u>Participant Interface Access. During the Test and Commissioning registration</u></b> | <b>NOTE: For harmonization with DOE DC</b><br><br>Participant Interface |

<sup>2</sup> WESM Rules clause 2.5.3.3



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|       |         |           | <u>install a method employing encryption in its computers to provide secure access to the WESM Market Management System. The system access will only be enabled during the start of the Applicant's Commercial Operations.</u> | access will only be enabled on the start of the applicant's commercial operations. | Will this be grounds for extension of the two-month period?<br><br>Please provide a certain number of days to implement this in order for the applicant to factor it in the schedule. |                                    | transition to commercial operations registration. It is proposed that the provision be revised as follows (also reflected in the proposed revision at the end of this response):<br><br><u>Participant Interface Access. During the Test and Commissioning registration phase, the Applicant may subscribe to and allow the Market Operator to apply or install a method employing encryption in its computers to provide secure access to the WESM Market Management System. The Applicant shall have read-only access to its facility during the Test and Commissioning phase to enable the Trading Participant to view its generating unit's schedules. Meanwhile, full access to its facility will only be enabled during the start of the Applicant's</u> | <u>phase, the Applicant may subscribe to and allow the Market Operator to apply or install a method employing encryption in its computers to provide secure access to the WESM Market Management System. The Applicant shall have read-only access to its facility during the Test and Commissioning phase to enable the Trading Participant to view its</u> | Access. During the Test and Commissioning registration phase, the Applicant may subscribe to and allow the Market Operator to apply or install a method employing encryption in its computers to provide secure access to the Market Management System. The Applicant shall have read-only access to its facility during the Test and Commissioning phase to enable the Trading Participant to view its |



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|       |         |           |                    |           | <p><b><u>SPC:</u></b></p> <p>1. Guidelines for assessment of applications for capacity expansion of duly registered power generating facilities.</p> <p>2. For Commercial Operation Registration, the Market Operator should only adopt and register the capacity as indicated in the Annex-B of the Certificate of Compliance or Provisional Authority to Operate as issued by the ERC. With this, partial registration capacity can be made to power plants that are modelled with aggregated Units.</p> | <p><b><u>PEMC:</u></b></p> <p><b><u>Participant Interface Access. During the</u></b></p> | <p><b><u>system access will only be enabled during the start of the Applicant's Commercial Operations.</u></b></p> <p><b><u>SPC:</u></b></p> <p>1. Guidelines for capacity expansion as additional facility are covered under the proposed amendments on Sections 3.3.6.2 and 3.3.6.3</p> <p>2. As mentioned, the registered capacity indicated in Annex B of the COC is used for Commercial Operation Registration.</p> | <p><b><u>Commercial Operations.</u></b></p> | <p>generating unit's schedules. Meanwhile, full access to its facility will only be enabled <b><u>by the Market Operator no later than eight (8) calendar days from approval</u></b> <del>during the start of the</del> the Applicant's Commercial Operations <b><u>registration.</u></b></p> |



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|       |         |           |                    |           | <p><b><u>PEMC:</u></b></p> <ul style="list-style-type: none"><li>Viewing access in the MPI is being proposed to be provided during the Test and Commissioning phase. This will ensure that Generation Companies are able to view their RTD based on the security limits provided by the SO. They will be allowed to trade during the Commercial Operations phase.</li><li>Start of Applicant's Commercial</li></ul> | <p><b><u>Test and Commissioning registration phase, the Applicant shall subscribe to and allow the Market Operator to apply or install a method employing encryption in its computers to provide secure access to the WESM Market Management System. The system viewing access will be allowed during Test and Commissioning phase to enable viewing of RTD schedule. Meanwhile, trading access will only be enabled during the start of the Applicant's Commercial Operations as indicated in its application.</u></b></p> <p><b><u>MSC:</u></b></p> | <p><b><u>PEMC and MSC:</u></b></p> <p>We agree with providing viewing access to trading participants to allow them to view their dispatch schedules in the MMS. We note that this feature is not available in the current MMS but is an available feature for the NMMS.</p> <p>Start of applicant's commercial operations is subject to its application for the Commercial Operations Phase registration.</p> |              |                |



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|       |         |           |                    |           | <p>Operations is identified by the Applicant. Suggest to add a phrase indicating this.</p> <p><b>MSC:</b></p> <p>It is suggested to allow the Applicant viewing access to the system during the T&amp;C phase. The MSC observed that Trading Participants undergoing T&amp;C are not informed on the dispatch level of the SO, due to lack of access to the Market Participant Interface. To provide the Applicants with viewing access to the MPI would address the issue in terms of ensuring compliance with the SO</p> | <p><b>Participant Interface Access. During the Test and Commissioning registration phase, the Applicant shall subscribe to and allow the Market Operator to apply or install a method employing encryption in its computers to provide secure access to the WESM Market Management System.—Full The system access will only be enabled during upon the start of the Applicant's Commercial Operations. However, the Applicant will have viewing access to the Market Management System to ensure compliance with the SO's dispatch instructions during the period for Test</b></p> | <p>We suggest to adopt PEMC's proposal with revision as follows:</p> <p><b>Participant Interface Access. During the Test and Commissioning registration phase, the Applicant may subscribe to and allow the Market Operator to apply or install a method employing encryption in its computers to provide secure access to the WESM Market Management System. The Applicant shall have read-only access to its facility during the Test and Commissioning phase to enable the Trading</b></p> |              |                |



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|                                  |             |  |   |   | <p>instruction on RTD Instruction during the T&amp;C registration phase.</p> <p>It is suggested that the term WESM Market Management System be replaced by the term Market Management System, not only in this section but all throughout. Is it not redundant as M in WESM is already known as “Market”?</p> | <p><u>and Commissioning.</u></p>   | <p><u>Participant to view its generating unit's schedules. Meanwhile, full access to its facility will only be enabled during the start of the Applicant's Commercial Operations.</u></p>                                     |              |                |
| Approval of Applications – Basis | 2.5.67.1(b) | Determines that the applicant is eligible to be registered in the category or categories in which it is applying for registration. | Determines that the applicant is eligible to be registered in the category or categories <b>and phase</b> in which it is applying for registration. | To clarify that determination of eligibility of the applicant for the approval of application will be based on the category and phase that the applicant is applying for. This will guarantee that eligibility will be determined based on the requirements per registration phase and that the applicant | <p><b>AC Energy:</b></p> <p>Please indicate if this approval covers the System Operator's approval as well and no separate approval is needed.</p> <p><b>SPC:</b></p> <p>Guidelines for approval of applications for capacity expansion of duly registered generating facilities.</p>                         |                                    | <p><b>AC Energy:</b></p> <p>The approval of application refers to the WESM membership application only.</p> <p><b>SPC:</b></p> <p>Guidelines for capacity expansion as additional facility are covered under the proposed</p> | Adopt IEMOP  |                |

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|---|----------|---|---|--|---|------------------------------------|--|--|---|
|   |          |   |   | will be assessed and approved per phase.   |   |                                    | amendments on Sections 3.3.6.2 and 3.3.6.3   |  |   |
| Approval of Applications - Notice of Approval | 2.5.67.2 | 2.5.6.2. Notice of Approval<br><br>a) For approved applications, the Market Operator shall send a notice of approval to the Applicant within fifteen (15) days from completed submission by the applicant of the required application forms and supporting documents and information. The failure of the Market Operator to act on the application within this period shall not be deemed an approval of the application. | 2.5.67.2 Notice of Approval<br><br>a) For approved applications, the Market Operator shall send a notice of approval <b><u>as a WESM Member at the applied registration phase</u></b> to the Applicant within fifteen (15) days from completed submission by the applicant of the required application forms and supporting documents and information. The failure of the Market Operator to act on the application within this period shall not be deemed an | The proposal was proposed to introduce the issuance of the notice of approval per registration phase with the corresponding timeline to be followed per phase. Since each registration phase has different requirements and impact in the WESM, the issuance of notice of approval is proposed to have different timelines per phase.<br><br>Re-numbered with the proposed introduction of the registration phases | <b><u>AC Energy:</u></b><br><br>Given the fast T&C activities of VRE plants, it may take less than 15 days from backfeed energization until the plant is ready to inject power to the grid. Can the processing period be shortened? We suggest a period of 7 working days for the release of Notice of Approval. Since most documents have already been submitted for Backfeed Registration, processing time of succeeding applications may be shortened<br><br>While the proposed amendment provide for the effectivity of the approval from notice, it does not |                                    | <b><u>AC Energy:</u></b><br><br>The given period of fifteen (15) days for the Market Operator to send the notice of approval as a WESM Member is the maximum allowable period for the process, but it does not necessarily mean that the fifteen (15) days will be consumed. The Market Operator can send the Notice of Approval, through an email, a day after the complete submission by the applicant of required application forms and supporting documents and information. The notice of | Adopt IEMOP's revised wording based on MSC's comment:<br><br>2.5.67.2 Notice of Approval<br><br>a) For approved applications, the Market Operator shall send a notice of approval <b><u>as a WESM Member at the applied registration phase</u></b> to the Applicant within fifteen (15) days from completed submission by the applicant of the required application forms and supporting documents and information. The failure of the Market Operator | <b>NOTE: (a), (b), (c) for clarity and simplification</b><br><br>' (c) Effectivity timeline harmonized with DOE DC<br><br>2.5.7.2 Notice of Approval<br><br>a) For approved applications, the Market Operator shall send a notice of approval as a WESM Member at the |

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| Title | Section | Provision  | Proposed Amendment   | Rationale | Comments   | Proposed Wording based on Comments | Proponent's Response   | RCC Decision  | IEMOP's Update   |
|-------|---------|--|--|-----------|--|------------------------------------|--|---|--|
|       |         | b) The registration of the Applicant shall take effect on the date specified in the notice of approval which shall be a date not more than seven (7) days after the Market Operator sends the notice of approval or on the date when the Applicant complies with all the requirements provided under Clause 5.6.3 of this Manual, whichever is later. Subject to concurrence by the Market Operator, the effective date may be set on another date | <p>approval of the application.</p> <p><b><u>b) The registration of an Applicant for backfeed shall take effect on the date specified in the Backfeed Registration notice of approval which shall be a date not more than three (3) days after the Market Operator sends the notice of approval.</u></b></p> <p><b><u>c) The registration of an Applicant for test and commissioning shall take effect on the date specified in the notice of Test and Commissioning Registration approval which shall be a date not more than three (3)</u></b></p> |           | <p>provide for a timeline in terms of processing the approval. Suggest to provide such timeline.</p> <p><b><u>SPC:</u></b></p> <p>For approved applications, whenever the Market Operator cannot meet the deadline to send a Notice of Approval, it is somehow deemed approved unless the Market Operator have justifiable reason(s) of not approving the submitted application.</p> | <p></p> <p><b><u>MSC:</u></b></p>  | <p>membership sent through email is considered valid and honored while the official letter of the notice will be sent afterwards for efficiency purposes.</p> <p>The processing of the approval is within the fifteen (15) days upon the complete submission by the applicant of required forms, documents and information</p> <p><b><u>SPC:</u></b></p> <p>For approved application with complete submitted application form, required documents and information, when the Market Operator failed to send the notice of approval of WESM member</p> | <p>to act on the application within this period shall not be deemed an approval of the application.</p> | <p>applied registration phase to the Applicant within fifteen (15) <b>calendar</b> days from complete submission by the applicant of the required application forms and supporting documents and information. The failure of the Market Operator to act on the application within this period shall not be deemed an approval of the application.</p> <p>b) The <b>notice of approval of the</b></p> |

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|       |         | requested by the Applicant. | <p><u>days after the Market Operator sends the notice of approval.</u></p> <p>d) <del>b)-</del> The registration of an Applicant <u>for commercial operations</u> shall take effect on the date specified in the notice of <u>Commercial Operation Registration</u> approval which shall be a date not more than seven (7) days after the Market Operator sends the notice of approval. <del>or on the date when the Applicant complies with all the requirements provided under Clause 5.6.3 of this Manual, whichever is later. Subject to concurrence by the Market Operator,</del></p> |           | <p><u>MSC:</u></p> <p>The word <b>complete</b> is suggested to replace the word <b>completed</b> in paragraph (a) for clarity on the requirement for the submission of complete documents prior to approval of application.</p> <p>As mentioned, suggest to delete provision on Backfeed Registration.</p> | <p>2.5.67.2 Notice of Approval</p> <p>a) For approved applications, the Market Operator shall send a notice of approval <u>as a WESM Member at the applied registration phase</u> to the Applicant within fifteen (15) days from completed submission by the applicant of the required application forms and supporting documents and information. The failure of the Market Operator to act on the application within this period shall not be deemed an approval of the application.</p> | <p>within the prescribed period, the WESM membership is deemed approved.</p> <p><u>MSC:</u></p> <p>The suggested revision to replace <b>completed</b> with <b>complete</b> may be adopted. The provision may be as follow:</p> <p>2.5.67.2 Notice of Approval</p> <p>a) For approved applications, the Market Operator shall send a notice of approval <u>as a WESM Member at the applied registration phase</u> to the Applicant within fifteen (15) days from completed</p> |              | <p><del>registration of an Applicant for backfeed shall take effect on the date specified in the Backfeed Registration</del> <b>shall indicate the effective date thereof,</b> <del>notice of approval which shall be a date</del> <b>shall</b> not <del>be</del> more than three (3) <b>working</b> days after the <b>transmittal of the notice of approval by the Market Operator.</b> sends the</p> |

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|       |         |           | <del>the effective date may be set on another date requested by the Applicant.</del> |           |          | <del>b) The registration of an Applicant for backfeed shall take effect on the date specified in the Backfeed Registration notice of approval which shall be a date not more than three (3) days after the Market Operator sends the notice of approval.</del><br><br>b) The registration of an Applicant for test and commissioning shall take effect on the date specified in the notice of Test and Commissioning Registration approval which shall be a date not more than | <p>submission by the applicant of the required application forms and supporting documents and information. The failure of the Market Operator to act on the application within this period shall not be deemed an approval of the application.</p> <p>We propose to retain the provision on Backfeed Phase Registration to give option and flexibility to power plants that may need to withdraw energy from the transmission line during its construction period.</p> |              | <del>notice of approval.</del><br><br>c) The <b>notice of approval of the</b> registration of an Applicant for test and commissioning <b>registration</b> shall <b>indicate the effective date thereof,</b> take effect on the date specified in the notice of Test and Commissioning Registration approval which shall be a date <b>shall</b> not <b>be</b> more than three (3) <b>working</b> days |



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|       |         |           |                    |           |          | <p><u>three (3) days after the <b>Market Operator</b> sends the notice of approval.</u></p> <p><del>c) b)-</del> The registration of an Applicant <u>for <b>commercial operations</b></u> shall take effect on the date specified in the notice of <u><b>Commercial Operation Registration</b></u> approval which shall be a date not more than seven (7) days after the Market Operator sends the notice of approval. <del>or on the date when the Applicant complies with all the requirements provided under Clause 5.6.3 of this Manual, whichever is later. Subject to concurrence by the Market Operator, the effective date may be set on another date</del></p> |                      |              | <p>after the <u><b>transmittal of the notice of approval by the</b></u> Market Operator. sends the <del>notice of approval.</del></p> <p>c) The <u><b>notice of approval of the</b></u> <del>registration of an Applicant for</del> commercial operations <u><b>registration</b></u> shall <u><b>indicate the effective date thereof,</b></u> <del>take effect on the date specified in the notice of</del> Commercial Operation Registration approval</p> |

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|  |          |   |   |   |  | <del>requested by the Applicant.</del> |  |   | which <del>shall be</del> a date <b>shall</b> not <b>be</b> more than <del>seven (7)</del> <b>eight (8) calendar</b> days after the <b>transmittal of the notice of approval by the</b> Market Operator. <del>sends the notice of approval.</del> |
| Other Requirements for Approved Applications | 2.5.67.3 | 2.5.6.3 Other Requirements for Approved Application<br><br>The Applicant whose application has been approved shall also comply with the following as conditions to and before the effectivity of its membership in the WESM – | <del>2.5.67.3 Other Requirements for Approved Application</del><br><b><u>Guidelines for WESM Members under Test and Commissioning</u></b><br><br>The Applicant whose application for <b>test and commissioning</b> has been approved shall <b>be guided by the following:</b> <del>also comply with the following guidelines as conditions to and</del> | The proposal seeks to set guidelines on the conduct of the test and commissioning. The following guidelines will clarify the requirements, timelines and corresponding effects for non-compliance to the requirement. This aims to eliminate the existence of unauthorized prolonged test and commissioning | <b><u>AC Energy:</u></b><br><br>What qualifies as a valid reason for extending the Testing & Commissioning period?<br><br>A generating unit may fail to secure the COC or PAO due to delays from regulatory bodies (e.g. ERC cannot release the COC on |  | <b><u>AC Energy:</u></b><br><br>Failure on some tests that may have caused delay to the succeeding test and commissioning activities, or unavailability of NGCP to conduct required PGC tests may be some of examples of valid reasons for | Ms. Rivera stated that there should be further deliberations on how to treat instances when the inability to secure COC/PAO is due to regulatory delay which is beyond the generator's control (i.e., whether penalty imposition is appropriate). The | <b>NOTE: Harmonized with DOE DC</b><br><br>2.5.7.3 Guidelines for Test and Commissioning Registration<br><br>a) The generating unit of the  |



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|       |         | <p>a) Market Participation Agreement. The Applicant shall execute a market participation agreement in the form prescribed by the Market Operator.</p> <p>b) Participant Interface Access. The Applicant shall subscribe to and allow relevant digital certificates issued by the Market Operator to be installed in its computers in order for it to be permitted access to the WESM Market</p> | <p><del>before the effectivity of its membership in the WESM</del></p> <p><b>1. <u>The generating unit of the WESM Member shall be entitled to WESM payments only within the test and commissioning period initially determined in accordance with Section 2.5.6.1(f). Generation beyond the test and commissioning period shall not be entitled to WESM payments but the WESM Member shall be charged for all withdrawals from the grid. Any amount that resulted from the non-payment of injected energy from unauthorized test and commissioning activity will be treated in accordance to</u></b></p> | <p>activity of a generating unit.</p> <p>This also clarifies that any amount resulting from non-payment of unauthorized test and commissioning activity will be treated in accordance with the provisions of the WESM Rules.</p> <p>Re-numbered with the proposed introduction of the registration phases</p> | <p>time despite early submission of requirements; or NGCP is unavailable to conduct required PGC tests). The generating unit should not be penalized for failure to secure COC/PAO for reasons beyond its control.</p> <p><b>SPC:</b></p> <p>a. The timeline for test and commissioning of power plants may vary depending on their technology and contracts made by the Generation Company from Third Party for its test and commissioning, thus the two (2)</p> | <p><b>SPC:</b></p> <p><b><u>For letter d)</u></b></p> <p><b><u>The WESM Member of a generating unit shall submit to the Market Operator an application for Commercial Operations Registration within five (5) working days from receipt of its Certificate of Compliance or Provisional Authority to Operate (PAO) or, in the absence thereof, a certification issued by the ERC allowing the WESM Member to undergo commercial operations. The application for Commercial</u></b></p> | <p>extending the Test and Commissioning period but it may require proof and approval from ERC, as the certifying body to grant certification for such extension.</p> <p><b>SPC:</b></p> <p>1. ERC Resolution No. 16, Series of 2014 provides the allowable timeline for the test and commissioning of power plants. For any discrepancy or extension for such activity, an ERC certification for authorized test period will be</p> | <p>RCC noted the suggestion.</p> <p>Adopt IEMOP's revisions based on PEMC and MSC's comments:</p> <p><b><u>2.5.7.3 Other Requirements for Approved Application Guidelines for WESM Members under Test and Commissioning Registration</u></b></p> <p><b><u>a) The generating unit of the WESM Member shall be entitled to WESM payments for its generated</u></b></p> | <p>WESM Member shall be <b><u>allowed to declare bilateral contract quantities and be</u></b> entitled to WESM payments for its generated output only within the test and commissioning period <b><u>indicated in the valid Provisional Certificate of Approval to Connect issued by the TNP or DU or upon completion of the conduct of test and</u></b></p> |

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|       |         | Management System.<br><br>c) Registration Fees. Subject to approval by the ERC of the amount to be recovered, the Applicant shall pay to the Market Operator a registration fee to cover cost incurred for the assessment of the application, training of the participants and installation and maintenance of digital certificates. If the Market Operator incurs additional costs as a result of requesting | <u><b>WESM Rules Clause 3.13.16.</b></u><br><br><b>2. The Market Operator shall notify the WESM Member and the System Operator seven working (7) days before the end of the test and commissioning period of the generating unit of the WESM Member.</b><br><br><b>3. The WESM Member may submit additional ERC certifications for the extension of its test and commissioning period. The Market Operator shall inform the System Operator of the extension not later than one (1) working day from the receipt of the new ERC certification. The</b> |           | months period may not be enough. If this situation happens, the Market Operator should be well informed for the test and commissioning timelines of the power plant so that proper registration phases can be made.<br><br>b. The Generating Unit(s) undergoing Test and Commissioning should also be entitled to recover their cost (i.e. Fuel and VOM) whenever an Administered Prices (AP) / Secondary Price Cap (SEC) are applied to their dispatch intervals. Thus, | <u><b>Operations Registration should indicate the Trading Participant's exact date for WESM Participation so that the Market Operator can properly adopt and register their start of WESM Participation.</b></u> | honored by the Market Operator.<br><br>2. Generation Facilities undergoing test and commissioning may file their claim for additional compensation in accordance with applicable rules during AP and SEC<br><br>We suggest not to adopt the proposed provision. The proposal aims to ensure that the generators that have received their COC start their WESM participation as soon as possible. | <u><b>output only within the test and commissioning period initially determined in accordance with Section 2.5.6.1(f). Generation beyond the authorized test and commissioning period shall not be entitled to WESM payments. Any net surplus as a result of injected energy from unauthorized test and commissioning activity will be treated in accordance</b></u> | <u><b>commissioning, if completed earlier.</b></u><br>initially determined in accordance with Section 2.5.6.1(f). Generation beyond the authorized test and commissioning period shall not be <u><b>allowed to be declared as a bilateral contract quantity and shall not be</b></u> entitled to WESM payments. Any net surplus as a result of injected |



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|       |         | and assessing additional information, it may require the applicant to pay the actual amount incurred to cover those additional costs. | <p><u><b>System Operator shall allow the test and commissioning of the generating unit of the WESM Member not later than one (1) working day upon notice from the Market Operator. Any unauthorized generation shall not be entitled to WESM payments in accordance with Section 2.5.7.3(a).</b></u></p> <p><u><b>d) The WESM Member of a generating unit shall submit to the Market Operator an application for Commercial Operations Registration within five (5) working days from receipt of its Certificate of Compliance or Provisional Authority to</b></u></p> |           | <p>proper filing timeline for Additional Compensation Claims should be observed and made by affected the Trading Participant.</p> <p><b>PEMC:</b></p> <p>3. The proposed provision under (b) provides MO obligation/action and seems out of place when the section is proposed to define all actions to be taken by the Applicant. Suggest to re-name this Section as <b>Guidelines for Test and Commissioning Registration</b> to cover MO actions/obligations.</p> | <p><b>PEMC:</b></p> <p><b>2.5.7.3 Other Requirements for Approved Application Guidelines for <u>WESM Members under Test and Commissioning Registration</u></b></p> <p><del>The Applicant whose application has been approved shall also comply with the following as conditions to and before the effectivity of its membership in the WESM—</del></p> <p><b>a) <u>The generating unit of the</u></b></p> |                      | <p><del><b>to WESM Rules Clause 3.13.16. However, but the WESM Member shall still be charged for all withdrawals from the grid for the conduct of its test and commissioning activities. Any amount that resulted from the non-payment of injected energy from unauthorized test and commissioning activity will be treated in accordance to WESM Rules Clause 3.13.16.</b></del></p> <p><b>PEMC:</b></p> <p>We agree with the proposed revisions of</p> | <p>energy from unauthorized test and commissioning activity will be treated in accordance with WESM Rules Clause 3.13.16. However, the WESM Member shall still be charged for all withdrawals from the grid for the conduct of its test and commissioning activities.</p> <p>b) The Market Operator shall notify the WESM</p> |

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|       |         |           | <p><u><b>Operate (PAO) or, in the absence thereof, a certification issued by the ERC allowing the WESM Member to undergo commercial operations.</b></u></p> <p>a.) Market Participation Agreement. The Applicant shall execute a market participation agreement in the form prescribed by the Market Operator.</p> <p>b) Participant Interface Access. The Applicant shall subscribe to and allow relevant digital certificates issued by the Market Operator to be installed in its computers in order for it to be permitted access</p> |           | <p>4. In (a), suggest to specify that payment is for the generator's output within the ERC-approved test and commissioning period. Also, suggest to reword the Applicant's payment of its withdrawals from the grid and treatment of surplus due to its injection to the grid beyond the approved test and commissioning period.</p> <p>5. Suggest to include a provision specifying the timeframe within which a WESM member already issued with a COC shall start its commercial operations. This is to address the concern that some WESM members</p> | <p><u><b>WESM Member shall be entitled to WESM payments for its generated output only within the test and commissioning period initially determined in accordance with Section 2.5.6.1(f). Generation beyond the authorized test and commissioning period shall not be entitled to WESM payments. Any net surplus as a result of injected energy from unauthorized test and commissioning activity will be treated in accordance to WESM Rules Clause 3.13.16.</b></u></p> | <p>PEMC except for the following:</p> <ul style="list-style-type: none"> <li>Proposed Clause 2.5.7.3(d) addresses the timeline when the generator must submit its COC to the Market Operator</li> </ul> | <p>b) <u><b>The Market Operator shall notify the WESM Member and the System Operator fifteen (15) working days before the end of the test and commissioning period of the generating unit of the WESM Member. The System Operator shall no longer impose over-riding constraints on the generating unit once the test and commissioning period ends.</b></u></p> <p>c) xxx</p> | <p>Member, <u><b>copy furnished</b></u> and the System Operator, <u><b>of the expiration of its Provisional CATC</b></u> fifteen (15) <u><b>calendar</b></u> working days <u><b>prior to the date of expiry</b></u> before the end of the test and commissioning period of the generating unit of the WESM Member. The System Operator shall no longer impose over-riding constraints on the generating unit once the</p> |

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|       |         |           | <p>to the WESM Market Management System.</p> <p>e) Registration Fees: Subject to approval by the ERC of the amount to be recovered, the Applicant shall pay to the Market Operator a registration fee to cover cost incurred for the assessment of the application, training of the participants and installation and maintenance of digital certificates. If the Market Operator incurs additional costs as a result of requesting and assessing additional information, it may require the applicant to pay the actual amount incurred to cover</p> |           | <p>fail to submit their letter of intent to the MO for their market participation</p> <p>6. Suggest to lengthen the lead time for informing the WESM Member and the SO of the forthcoming end of the test and commissioning period. This is to consider any circumstances that may delay the ERC's issuance of Certification of approved extension of the test and commissioning period or the WESM Member's conduct of test and commissioning.</p> <p>7. Noncompliance of the Test and Commissioning</p> | <p><u>However, but the WESM Member shall still be charged for all withdrawals from the grid for the conduct of its test and commissioning activities. Any amount that resulted from the non-payment of injected energy from unauthorized test and commissioning activity will be treated in accordance to WESM Rules Clause 3.13.16.</u></p> <p>b) <u>The Market Operator shall notify the WESM Member and the System Operator fifteen (15) working (7) days before the end of the</u></p> |                      | <p>d) <u>Non-submission of the appropriate ERC certification on the last date of the approved test and commissioning period shall be treated as non-compliance with a requirement of WESM membership and shall subject the WESM Member to Suspension and Deregistration as provided under Section 4.3 and 5.3.1, respectively.</u></p> | <p>test and commissioning period ends.</p> <p>c. The WESM Member may submit additional ERC certifications <u>an extended Provisional Certificate Approval to Connect to MO and SO</u> for the extension of its test and commissioning period within three (3) working days prior to original expiry date. The Market Operator shall inform the System</p> |



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|       |         |           | <del>these additional costs.</del> |           | Registration phase requirements is a breach of registration rules and should trigger the processes for suspension and deregistration. | <p><u>approved test and commissioning period of the generating unit of the WESM Member.</u></p> <p>c) <del>xxx</del><br/>d) <u>Non-submission of the appropriate ERC certification on the last date of the approved test and commissioning period shall be treated as non-compliance with a requirement of WESM membership and shall subject by the WESM Member to Suspension and Deregistration as provided under Section</u></p> |                      | <p><del>ed) The WESM Member of a generating unit shall submit to the Market Operator an application for Commercial Operations Registration within five (5) working days from receipt of its Certificate of Compliance or Provisional Authority to Operate (PAO). or, in the absence thereof, a certification issued by the ERC allowing the WESM Member to undergo commercial operations.</del></p> | <p><del>Operator of the extension not later than one (1) working day from the receipt of the new ERC certification. The System Operator shall allow the test and commissioning of the generating unit of the WESM Member not later than one (1) working day upon notice from the Market Operator. Any unauthorized generation shall not be allowed to be declared as bilateral contract quantity and</del></p> |

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Annex F – Proposed Amendments to the WESM Registration Manual for General Enhancements to the Application Process of New WESM Members in consideration of DOE DC2021-06-0013 entitled “Adopting a General Framework Governing the Test and Commissioning of Generation Facilities” (ORCP-WM-19-20)

| Title | Section | Provision | Proposed Amendment | Rationale | Comments | Proposed Wording based on Comments   | Proponent’s Response | RCC Decision | IEMOP’s Update   |
|-------|---------|-----------|--------------------|-----------|----------|--|----------------------|--------------|--|
|       |         |           |                    |           |          | <p><u>4.3 and 5.3.1, respectively.</u></p> <p>e) <u>4) xxx</u></p> <p><b><u>MSC:</u></b></p> <p>2.5.67.3 Other Requirements for Approved Application <b><u>Guidelines for WESM Members under Test and Commissioning</u></b></p> <p>The Applicant whose application for <b><u>test and commissioning</u></b> has been approved shall <b><u>be guided by the following:</u></b> also comply with the following guidelines as conditions to and before the effectivity of its membership in the WESM</p> <p><b><u>The generating unit of the WESM</u></b></p> |                      |              | <p><b><u>shall not be</u></b> entitled to WESM payments in accordance with Section 2.5.7.3(a). <b><u>In case of failure to submit the extended PCATC to the Market Operator within 3 working days prior to the original expiry date, the PCATC shall be deemed without effect after the expiry date.</u></b></p> <p><b><u>d. The Network Service Provider shall immediately inform MO of</u></b></p> |



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|-------|---------|-----------|--------------------|-----------|---|--|----------------------|--------------|--|
|       |         |           |                    |           | <p><b>MSC:</b></p> <p>As regards paragraph (a), as discussed, the MSC agrees. Consistent with Section 2.5.6.1 (f) plants under T&amp;C should no longer</p> | <p><u>Member shall be entitled to WESM payments only within the test and commissioning period initially determined in accordance with Section 2.5.6.1(f). Generation beyond the test and commissioning period shall not be entitled to WESM payments but the WESM Member shall be charged for all withdrawals from the grid. Any amount that resulted from the non-payment of injected energy from unauthorized test and commissioning activity will be treated in accordance to WESM Rules Clause 3.13.16</u></p> |                      |              | <p><u>any suspended validity of PCATC due to failure of the generating facility to satisfy the grid connectivity parameters required by the PGC. Suspended PCATC shall observe 2.5.7.3 (a). Notwithstanding the suspension of the PCATC, an Extended PCATC shall be submitted within three (3) working days prior to original expiry of PCATC.</u></p> |



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|-------|---------|-----------|--------------------|-----------|---|---|----------------------|--------------|---|
|       |         |           |                    |           | <p>receive payment from the Market Operator should they go beyond the ERC-prescribed period.</p> <p>In addition, the MSC suggests to include Net Settlement Surplus (NSS) for clarity on the pertinent WR provision that was cited. (WR Clause 3.13.16 of the WR as cited in paragraph (a) pertain to NSS)</p> <p>On paragraph (b), this should address actual cases observed by the MSC that some TPs which have started commercial operations are still imposed with over-riding constraints by</p> | <p><u>on Net Settlement Surplus (NSS).</u></p> <p><u>The Market Operator shall notify the WESM Member and the System Operator seven working (7) days before the end of the test and commissioning period of the generating unit of the WESM Member.</u></p> <p><u>This is to ensure timely coordination with the System Operator on the change in the registration status of the Applicant. Thus, the System Operator shall no longer impose over-riding constraints on the generator</u></p> |                      |              | <p><u>Should the PCATC expire while the WESM Member is in the process of satisfying the grid connectivity parameters required by PGC or PDC, the process for the conduct of Test and Commissioning shall be reset.</u></p> <p>d. Non-submission of the appropriate ERC certification on the last date of the approved test and commissioning period shall be treated as</p> |



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|-------|---------|-----------|--------------------|-----------|--|--|--|--------------|--|
|       |         |           |                    |           | <p>NGCP-SO. It is however suggested to include a provision that the SO shall no longer impose on a generator over-riding constraints due to T&amp;C, once the T&amp;C period ends.</p> <p>It is suggested to explicitly state that in case of the expiration of the validity of the PAO, the provision on suspension and deregistration under the Registration Manual shall apply. This is to address the MSC observation on actual cases of TPs with expired PAOs that were allowed to continue trading in the WESM. Also, the same is consistent with the MSC proposal to limit the definition of T&amp;C to activities related to</p> | <p><u>once the test and commissioning period ends.</u></p> <p><u>The WESM Member may submit additional ERC certifications for the extension of its test and commissioning period. The Market Operator shall inform the System Operator of the extension not later than one (1) working day from the receipt of the new ERC certification. The System Operator shall allow the test and commissioning of the generating unit of the WESM Member not later than one (1) working day upon notice from the Market Operator. Any unauthorized</u></p> | <p><u>MSC:</u></p> <p>We agree with the proposed revisions of MSC except for the following:</p> <ul style="list-style-type: none"><li>We suggest to retain the generic wording at the end to accommodate any new issuances by the ERC</li></ul> <p>Below is the proposed revision to the clause incorporating PEMC’s and</p> |              | <p><del>non-compliance with a requirement of WESM membership and shall subject the WESM Member to Suspension and Deregistration as provided under Section 4.3 and 5.3.1, respectively.</del></p> <p><u>e. In case of changes in capacity and capabilities of the generating unit arising from the results of test and commissioning, the WESM Member shall</u></p> |



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|-------|---------|-----------|--------------------|-----------|--|---|--|--------------|--|
|       |         |           |                    |           | <p>grid synchronization only, thus making the prescribed 60 days, plus the period provided for in the PAO, already reasonable.</p> <p><u>It is suggested, that the phrase below be removed:</u></p> <p><u>or, in the absence thereof, a certification issued by the ERC allowing the WESM Member to undergo commercial operations.</u></p> | <p><u>generation shall not be entitled to WESM payments in accordance with Section 2.5.7.3(a).</u></p> <p><u>The WESM Member of a generating unit shall submit to the Market Operator an application for Commercial Operations Registration within five (5) working days from receipt of its Certificate of Compliance or Provisional Authority to Operate (PAO).</u><del>or, in the absence thereof, a certification issued by the ERC allowing the WESM Member to undergo</del></p> | <p>MSC's comments:</p> <p><u>2.5.7.3 Other Requirements for Approved Application Guidelines for WESM Members under Test and Commissioning Registration</u></p> <p>a) The <u>generating unit of the WESM Member shall be entitled to WESM payments for its generated output only within the test and commissioning period initially</u></p> |              | <p><u>immediately inform the Market Operator for the purpose of updating its registration details.</u></p> <p><u>f. The Network Service Provider of a generating unit shall furnish the ERC and Market Operator a copy of the Final Certificate of Approval to Connect within three (3) calendar days from</u></p> |



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|-------|---------|-----------|--------------------|-----------|----------|---|---|--------------|--|
|       |         |           |                    |           |          | <del>commercial operations.</del><br><br><u>The failure of an Applicant to obtain an extension of the Provisional Authority to Operate (PAO) granted to it earlier by the ERC, the provisions on Suspension and De-registration under this Manual shall apply, for non-compliance with the WESM membership criteria or requirement.</u> | <u>determined in accordance with Section 2.5.6.1(f). Generation beyond the authorized test and commissioning period shall not be entitled to WESM payments. Any net surplus as a result of injected energy from unauthorized test and commissioning activity will be treated in accordance to WESM Rules Clause 3.13.16. However, but the WESM Member shall</u> |              | <u>issuance thereof to the relevant WESM Member.</u><br><br>eg. The WESM Member of a generating unit shall submit to the Market Operator an application for Commercial Operations Registration within <u>three (3)</u> five (5) working days from receipt of its Certificate of Compliance or Provisional Authority to |

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|-------|---------|-----------|--------------------|-----------|----------|------------------------------------|--|--------------|----------------|
|       |         |           |                    |           |          |                                    | <p><del>still be charged for all withdrawals from the grid for the conduct of its test and commissioning activities. Any amount that resulted from the non-payment of injected energy from unauthorized test and commissioning activity will be treated in accordance to WESM Rules Clause 3.13.16.</del></p> <p>b) The <i>Market Operator</i> shall notify the <i>WESM Member</i> and</p> |              | Operate (PAO). |



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|-------|---------|-----------|--------------------|-----------|----------|------------------------------------|---|--------------|----------------|
|       |         |           |                    |           |          |                                    | <p><u>the System Operator fifteen (15) working days before the end of the test and commissioning period of the generating unit of the WESM Member. The System Operator shall no longer impose over-riding constraints on the generating unit once the test and commissioning period ends.</u></p> <p><u>c) xxx</u></p> <p><u>d) Non-submission of the appropriate ERC certification</u></p> |              |                |



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|-------|---------|-----------|--------------------|-----------|----------|------------------------------------|---|--------------|----------------|
|       |         |           |                    |           |          |                                    | <p><u>on the last date of the approved test and commissioning period shall be treated as non-compliance with a requirement of WESM membership and shall subject the WESM Member to Suspension and Deregistration as provided under Section 4.3 and 5.3.1, respectively.</u></p> <p><u>ed) The WESM Member of a generating unit shall submit to the Market</u></p> |              |                |



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|-------|---------|-----------|--------------------|-----------|----------|------------------------------------|---|--------------|----------------|
|       |         |           |                    |           |          |                                    | <u>Operator an application for Commercial Operations Registration within five (5) working days from receipt of its Certificate of Compliance or Provisional Authority to Operate (PAO). <del>or, in the absence thereof, a certification issued by the ERC allowing the WESM Member to undergo commercial operations.</del></u> |              |                |



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| Title                                  | Section            | Provision   | Proposed Amendment   | Rationale  | Comments  | Proposed Wording based on Comments | Proponent’s Response   | RCC Decision   | IEMOP’s Update |
|--|--------------------|---|--|--|---|------------------------------------|--|--|----------------|
| Non-Approval of Applications/ Remedies | 2.5.7 <del>8</del> | 2.5.7 XXX   | 2.5.7 <del>8</del> XXX   | Re-numbered with the proposed introduction of the registration phases  |   |                                    |  |  |                |
| CONTINUING COMPLIANCE                  | 2.9                | 2.9.1 As condition to continuing membership in the WESM, all registered WESM members shall ensure their continuing compliance with the membership criteria and technical and commercial requirements set forth in the WESM Rules and this Manual. | 2.9.1 As condition to continuing membership in the WESM, all registered WESM members shall ensure their continuing compliance with the membership criteria, and technical and commercial requirements set forth in the WESM Rules and this Manual <u>without the need for reminder from the Market Operator.</u> | The proposal was proposed to require the trading participants to submit registration documents as part of continuing compliance without the need for Market Operator to remind them. | <p><b><u>SPC:</u></b></p> <p>In the Approval Notice of Commercial Operation Registration from the Market Operator, the Notice should indicate the list of continuing documents for compliance of the Trading Participants for their reference and guidance. The list can be an Annex found in the WESM registration manual.</p> <p><b><u>MSC:</u></b></p> <p>It is suggested to replace 2.9.1 with:</p> |                                    | <p><b><u>SPC:</u></b></p> <p>The list of continuing documents is already indicated in the registration approval form attached in the notice of approval.</p> | Retain original provision. The proposed additional phrase is redundant. Moreover, the Market Participant’s Agreement covers mandatory compliance with Market Rules and Manuals. It is also not the responsibility of the Market Operator to remind participants to comply. |                |



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|-------|---------|-----------|--------------------|-----------|--|---|---|--------------|----------------|
|       |         |           |                    |           | Unless its membership has been terminated, a WESM Member shall fully comply with all the provisions of the WESM Rules, WESM Manuals including this Manual, including ensuring that it meets or satisfies the membership criteria, and technical and commercial requirements set forth under this Manual. | <p><b><u>MSC:</u></b></p> <p>i. <del>As condition to continuing membership in the WESM, all registered WESM members shall ensure their continuing compliance with the membership criteria, and technical and commercial requirements set forth in the WESM Rules and this Manual</del> <b><u>without the need for reminder from the Market Operator.</u></b></p> <p>Unless its membership</p> | <p><b><u>MSC:</u></b></p> <p>We are amenable with the proposed revision with minor changes although the message seems to be similar.</p> <p>7.9.1 <del>As condition to continuing membership in the WESM, all registered WESM members shall ensure their continuing compliance with the membership criteria, and technical and commercial</del></p> |              |                |



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|-------|---------|-----------|--------------------|-----------|----------|--|---|--------------|----------------|
|       |         |           |                    |           |          | has been terminated, a WESM Member shall fully comply with all the provisions of the WESM Rules, WESM Manuals including this Manual, including ensuring that it meets or satisfies the membership criteria, and technical and commercial requirements set forth under this Manual. | <del>requirements set forth in the WESM Rules and this Manual</del><br><br><u>Unless its membership has been terminated, a WESM Member shall fully comply, without the need for reminder from the Market Operator, with all the provisions of the WESM Rules, and Market Manuals including this Market Manual, including ensuring</u> |              |                |



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|----------------------|-----------------------|-----------|---|---|--|------------------------------------|---|--|--|
|                      |                       |           |   |   |  |                                    | <u>that it meets or satisfies the membership criteria, and technical and commercial requirements set forth under this Market Manual.</u>            |  |  |
| TRANSITORY PROVISION | <u>5.7.4</u><br>(new) | (new)     | <u>5.7.4 TRANSITORY PROVISION</u><br><br><u>5.7.4.1 The Market Operator shall assess the applicable phase of each WESM Member and Applicant based on its compliance with registration requirements. The Market Operator</u> | To clarify that those applicants currently on the process of registration in the WESM will be assessed and be classified per phase depending on their current status upon the implementation of the proposed amendments of this Manual. | <u>SPC:</u><br><br>Transitory Provision guidelines for capacity expansion of duly registered power generating facilities |                                    | <u>SPC:</u><br><br>The assessment of the applicable phase for the capacity expansion shall also be determined by the Market Operator as part of the | Adopt PEMC’s revised wording per IEMOP’s agreement:<br><br><u>xxx</u><br><br><u>5.7.4.2 Guidelines for WESM Members under test and commissioning</u> | <u>Note:</u><br><br><b>For deletion due to non-applicability</b><br><br><del>5.7.4.1 The Market Operator shall assess the applicable</del> |



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|-------|---------|-----------|--|-----------|----------|--|---|--|---|
|       |         |           | <p><u>shall notify each <del>WESM Member and Applicant</del> of their registration phase within three (3) months from the effectivity of this <del>Market Manual</del>.</u></p> <p><u>5.7.4.2 Guidelines for <del>WESM Members</del> under test and commissioning shall apply upon notification to the <del>WESM Member</del> of its registration phase.</u></p> |           |          | <p><b>PEMC:</b></p> <p><u>5.7.4.2 Guidelines for <del>WESM Members</del> under test and commissioning under Section 2.5.7.3 shall apply upon notification to the <del>WESM Member</del> of its registration phase.</u></p> | <p>transitory provision.</p> <p><b>PEMC:</b></p> <p>We agree to adopt the revision as follows:</p> <p><u>5.7.4.2 Guidelines for <del>WESM Members</del> under test and commissioning under Section 2.5.7.3 shall apply upon notification to the <del>WESM Member</del> of its registration phase.</u></p> | <p><u>under Section 2.5.7.3 shall apply upon notification to the <del>WESM Member</del> of its registration phase.</u></p> | <p><del>phase of each <del>WESM Member and Applicant</del> based on its compliance with registration requirements. The <del>Market Operator</del> shall notify each <del>WESM Member and Applicant</del> of their registration phase within three (3) months from the effectivity of this <del>Market Manual</del>.</del></p> <p>5.7.4.2 Guidelines for test and commissioning under Section 2.5.7.3 shall apply upon</p> |





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|-------|---------|-----------|--------------------|-----------|----------|------------------------------------|----------------------|--------------|---|
|       |         |           |                    |           |          |                                    |                      |              | notification to the <del>WESM Member</del> of its registration phase. |





# IMPLEMENTATION UPDATES ON URGENT PROPOSALS

17 September 2021

184<sup>th</sup> RCC Regular Meeting via Microsoft Teams



A Premier Electricity Market & Champion of Governance

## BACKGROUND

| PROPOSAL  | RCC APPROVAL | PEM BOARD APPROVAL | EFFECTIVE DATE | EXPIRY DATE |
|---|--------------|--------------------|----------------|-------------|
| 1. Enhancements to MO-SO Procedures   | 30 Mar 2021  | 31 Mar 2021        | 26 Jun 2021    | 26 Dec 2021 |
| 2. Harmonization with ERC Decision on Case No. 2017-042RC (Additional Compensation) | 26 Apr 2021  | 28 Apr 2021        | 26 Jun 2021    | 26 Dec 2021 |
| 3. Automatic Pricing Re-runs for Under-generation and Over-generation               | 21 May 2021  | 26 May 2021        | 26 Jun 2021    | 26 Dec 2021 |

## DISCUSSION

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1. IEMOP's Implementation Update (Letter)
2. Proposed Way Forward - RCC to request to the PEM Board for extension of effectivity of urgent proposals





## DOE-APPROVED REVISED MARKET RULES/MANUALS

### DC2021-07-0022

|                           |  |
|---------------------------|--|
| <b>DOE DC Title:</b>      | Adopting Further Amendments to the Wholesale Electricity Spot Market (WESM) Market Manual on Constraint Violation Coefficients and Pricing re-runs for the Implementation of Enhancements to WESM Design and Operations (Provisions for Self-Scheduled Generation) |
| <b>RCC Resolution No:</b> | 2019-13  |
| <b>Objective:</b>         | aims to include additional CVCs to reflect the dispatch and curtailment hierarchy for non-scheduled, priority dispatch and must-dispatch generating unit classifications – collectively called self-scheduled generating units                                     |
| <b>Amended Manual:</b>    | WESM Manual on Constraint Violation Coefficients and Pricing re-runs (WM-CVC-PR)   |
| <b>Remarks:</b>           | Adopted as proposed.   |

**DC2021-07-0024**

|                           |  |
|---------------------------|--|
| <b>DOE DC Title:</b>      | Adopting Further Amendments to the Wholesale Electricity Spot Market (WESM) Rules for the Operation of the Renewable Energy Market   |
| <b>RCC Resolution No:</b> | 2020-13  |
| <b>Objective:</b>         | aims to harmonize the WESM Rules and the Retail Rules with the policies stipulated in Section 8 of the Renewable Act of 2008 and the REM Rules   |
| <b>Amended Rules:</b>     | WESM Rules   |
| <b>Remarks:</b>           | <p>For WESM Rules</p> <ul style="list-style-type: none"> <li>• DOE did not adopt RCC's proposal on Clause 4.8.3 (insertion of RER)</li> <li>• DOE inserted new clause under 5.2.1.6 (Provision of Information)</li> <li>• Others, not specified are adopted</li> </ul> <p>For Retail Rules</p> <ul style="list-style-type: none"> <li>• DOE did not adopt any RCC's proposed amendments on Retail Rules</li> </ul> |





Republic of the Philippines  
**DEPARTMENT OF ENERGY**  
(Kagawaran ng Enerhiya)

AUG 31 2021

**MR. NOEL V. ABOBOTO**  
Chairman  
**Philippine Electricity Market Board of Directors (PEM Board)**  
18F Robinsons Equitable Tower, ADB Avenue  
Ortigas Center, Pasig City

**Subject: Proposed Abolition of Various Market Manuals**

**Dear Chairman Aboboto:**

This refers to the Philippine Electricity Market (PEM) Board proposed abolition of various Market Manuals which was submitted to the Department of Energy (DOE) on 08 June 2020 for approval in accordance with the WESM Rules.

Upon evaluation, the DOE finds that five (5) out of the seven (7) manuals do not need the DOE's approval for abolition, since those were not yet promulgated by the DOE. In this regard, it is still within the PEM Board's authority to repeal the following manuals:

1. Methodology for Determining the pricing Errors and Price Substitution Due to Congestion for Energy Transactions in the WESM Issue 4.0;
2. Segregation of Line Rental Trading Amounts Issue 1.0;
3. Procedures for Start Up and Shutdown of Generators Issue 1.0;
4. Criteria and Guidelines for the Issuance of Pricing Error Notices and Conduct of Market Re-Run Issue 1.0; and
5. Procedure for Determining Ex-Post Nodal Energy Prices Issue 2.0;

Meanwhile, the Management of Net Settlement Surplus (NSS) Issue 3.0 Manual promulgated through DOE Department Circular No. DC2017-04-0005 was amended through DOE Department Circular No. DC2021-03-0007 entitled *Adopting Further Amendments to the Wholesale Electricity Spot Market (WESM) Market Manual on Management of Net Settlement Surplus*, thus, the requested abolition is no longer necessary.

For the Administered Price Determination Methodology (APDM) Issue 6.0 which was promulgated pursuant to DOE Department Circular No. DC2017-04-0006, the DOE shall consider the abolition thereof in subsequent amendments to the WESM Rules and Market Manuals.

Please be guided accordingly.

Thank you.

Very truly yours,

  
**ALFONSO G. CUSI**  
Secretary

cc: Atty. Leonido J. Pulido III, PEMC President  
Rules Change Committee



Republic of the Philippines  
DEPARTMENT OF ENERGY  
IN REPLY, PLS. USE:

DOE-AGC-21005267







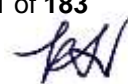
## PEMC ANNOUNCEMENTS

## WGC MEMBERS NOMINATION

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Deadline of Submission: **24 September 2021**

- Compliance Committee (3 independent members)
- Dispute Resolution Administrator (1 independent member)
- Market Surveillance Committee (2 independent members)
- PEM Audit Committee (3 independent members)
- Rules Change Committee (3 independent members)
- Technical Committee (1 independent member)





## WCO SUMMIT

### 23 September 2021, Thursday

- **Welcome Remarks**  
PEMC President Leonido J. Pulido III
- **Keynote Speech**  
PEMC Chief Governance Officer Elvin Hayes E. Nidea
- WCO Annual Report for 2020
- Module on Enhanced Compliance and Investigation Process
- Open Forum
- Getting to Know our WCOs (Luzon/Visayas/Mindanao)
- Game KNB? Elimination Round
- Feature Presentation:  
**GNPower Dinginai Ltd. Co.**  
Let's get to know the company behind the biggest supercritical coal-fired power plant in the country to date.

### 24 September 2021, Friday

- **Opening Remarks**  
PEM Board Chairman Noel V. Aboboto
- Market Governance Highlights of 2020
- Module on Customer and Service Provider Obligations
- Module on MSP Performance Standards and Rating
- Open Forum
- Feature Presentation:  
   
These two WESM Members will share the framework of the WESM Compliance Programs within their organizations.
- Game KNB? Championship Round
- Awarding of Generators and MSPs
- **Closing Remarks**  
Market Surveillance Committee Chairman Francis V. Mapile



## UPDATE ON RCC'S TERM



## RCC'S TERM

| RCC Member                 | Effectivity Date | Expiration Date | Remarks              |
|----------------------------|------------------|-----------------|----------------------|
| Malla Lourdes G. de Castro | 14-Sep-2018      | 13-Sep-2021     | 3 <sup>rd</sup> term |
| Francisco L.R. Castro, Jr. | 14-Sep-2018      | 13-Sep-2021     | 3 <sup>rd</sup> term |
| Concepcion I. Tanglao      | 01-Nov-2019      | 31-Oct-2022     | 3 <sup>rd</sup> term |
| Allan C. Nerves            | 14-Sep-2018      | 13-Sep-2021     | 2 <sup>nd</sup> term |
| Isidro E. Cacho, Jr.       | 03-Feb-2020      | 02-Feb-2023     | 3 <sup>rd</sup> term |
| Ambrocio R. Rosales        | 03-Feb-2020      | 02-Feb-2023     | 3 <sup>rd</sup> term |
| Lorreto H. Rivera          | 01-Aug-2019      | 31-Jul-2022     | 3 <sup>rd</sup> term |
| Virgilio C. Fortich, Jr.   | 14-Sep-2018      | 13-Sep-2021     | 1 <sup>st</sup> term |
| Ricardo C. Gumalal         | 28-Jan-2019      | 27-Jan-2022     | 1 <sup>st</sup> term |
| Ryan S. Morales            | 01-Feb-2019      | 31-Jan-2022     | 1 <sup>st</sup> term |
| Nelson M. Dela Cruz        | 03-Feb-2020      | 02-Feb-2023     | 1 <sup>st</sup> term |
| Cherry A. Javier           | 14-Sep-2018      | 13-Sep-2021     | 1 <sup>st</sup> term |
| Dixie Anthony R. Banzon    | 14-Sep-2018      | 13-Sep-2021     | 1 <sup>st</sup> term |
| Carlito C. Claudio         | 03-Feb-2020      | 02-Feb-2023     | 1 <sup>st</sup> term |
| Mark D. Habana             | 03-Feb-2020      | 02-Feb-2023     | 1 <sup>st</sup> term |

Note: All alternates are co-terminus with the principal.



184<sup>th</sup> RCC Regular Meeting | 9



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