

**MINUTES OF THE 97th MEETING OF THE RULES CHANGE COMMITTEE
Regular Meeting No. 2015-02**

Meeting Date& Time: 04 February 2015

Meeting Venue: 9th Floor PEMC Training Rooms 2&3

Attendance List

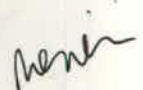
In-Attendance	Not In-Attendance
<p>Committee Members: Rowena Cristina L. Guevara --Chairperson/ Independent Francisco L. R. Castro, Jr. -- Acting Chairperson/ Independent Maila Lourdes G. De Castro --Independent Concepcion I. Tanglao --Independent Joselyn D. Carabuena --Generation -- PSALM Jose Ferlino P. Raymundo --Generation -- SMC Global Theo Cruz Sunico -- Generation -- 1590 EC Ciprinilo C. Meneses --Distribution, MERALCO Gilbert A. Pagobo -- Distribution --MECO Jose P. Santos --Distribution --INEC Lorreto H. Rivera --Supply --TPEC Ambrocio R. Rosales --System Operator --NGCP Isidro E. Cacho, Jr. -- Market Operator --PEMC</p> <p>Alternate Members:</p>	<p>Sulpicio C Lagarde, Jr -- Distribution -- CENECO</p>
<p>PEMC Chrysanthus S. Heruela - MAG Geraldine A. Rodriguez - MAG Romellen C. Salazar -- MAG Caryl Miriam Y. Lopez - Legal Marcial J. Jimenez -- TOD Edward I. Olmedo --TOD</p>	
<p>Others: (DOE/ ERC Observers/Other Resource Persons): Ferdinand B. Binondo -- DOE</p>	

There being a quorum, Chairperson Dr. Rowena Cristina L. Guevara called the meeting to order at around 9:00 AM.

I. AGENDA:

The Proposed Agenda for the 97th RCC Meeting was approved as presented.

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6 **II. REVIEW, CORRECTION AND APPROVAL OF THE MINUTES OF THE 96th RCC**
7 **MEETING**
8

9 The RCC reviewed the Minutes of the 96th RCC Meeting and approved the same, as
10 presented, subject to the RCC's final review and confirmation of the Annexes of the Minutes
11 on the agreements made in relation to the proposed amendments to the WESM Rules and
12 Manual of Procedure for Changes to the WESM Rules. The RCC was given another week to
13 comment on the Annexes, the absence of further comments to which within the given time
14 frame, shall render the said Minutes as final and approved.
15

16 Relative to the agreements reflected in said Annexes, Ms. Geraldine Rodriguez expressed the
17 Secretariat's withdrawal of its previous suggestion to revise Section 8.4.3.1 of the Manual in
18 order to provide authority for the RCC to correct clerical errors in proposals already approved
19 by the PEM Board, without securing the PEM Board's approval on further corrections. Ms.
20 Rodriguez explained that said instances of clerical errors are usually identified when the
21 Secretariat reflects the provisions as approved by the PEM Board in the Manuals or the Rules.
22 However, it was deemed that only amendments as approved by the PEM Board or circularized
23 by the DOE can actually be reflected in either the Rules or the Manual.
24

25 The RCC acknowledged the concerns raised by Ms. Rodriguez and thereafter approved the
26 withdrawal of the previous suggestion to revise Section 8.4.3.1 of the Manual of Procedures
27 for Changes to the WESM Rules.
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29

30 **III. BUSINESS ARISING FROM THE PREVIOUS MEETING**
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33 **1. Proposed Amendments to the DOE Circulars on Disconnection (DOE DC2010-**
34 **05-0006 and DC2010-08-0010): Update from the RCC Sub-Committee on**
35 **Disconnection**
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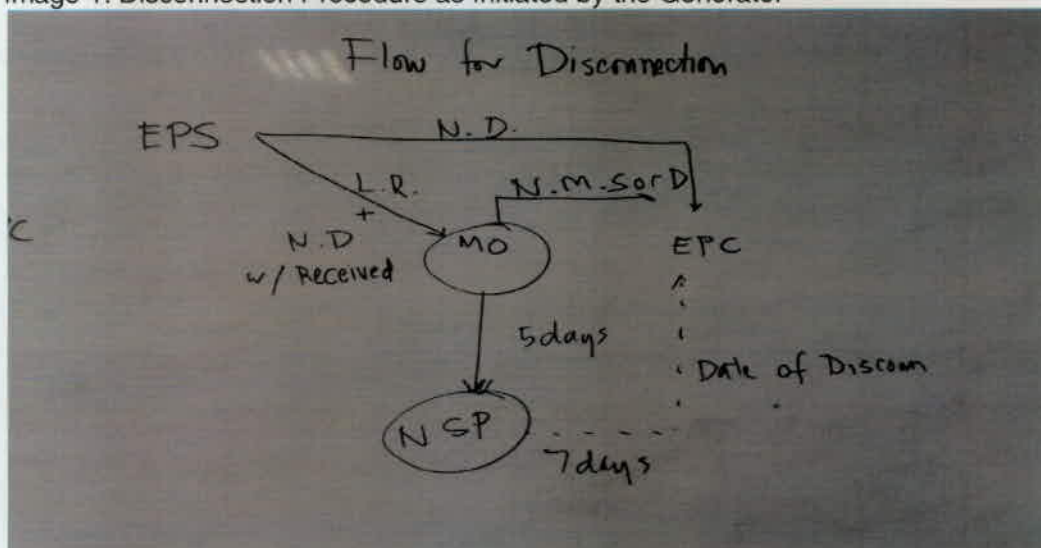
37 Mr. Theo Sunico reported to the RCC the results of the discussion of the Sub-
38 committee, in its meeting held on February 3, in relation to the proposed amendments
39 to the subject DOE circulars on Disconnection. Below are the highlights of the Sub-
40 committee meeting, as imparted by Mr. Sunico:
41

- 42 i. From the current provision referring to National Grid Corporation of the
43 Philippines (NGCP) as the implementing agency for disconnection, the
44 proposal is to change this to the Network Service Provider (NSP), which shall
45 collectively cover both the NGCP and the Distribution Utilities (DU);
46
47 ii. The Sub Committee does not recommend combining the procedure for
48 disconnection in the WESM and RCOA in one DOE Circular, since these have
49 different requirements and timelines and, thus, should be defined in separate
50 policy documents/DOE Circulars. Relatedly, another working group to
51 formulate the policy/DOE Circular for the retail side is proposed to be formed,
52 to be participated in by the DUs and ECs;
53
54 iii. All requests for Disconnection (by the Generators) shall now be coursed though
55 the Market Operator instead of directly through the NGCP/NSP;

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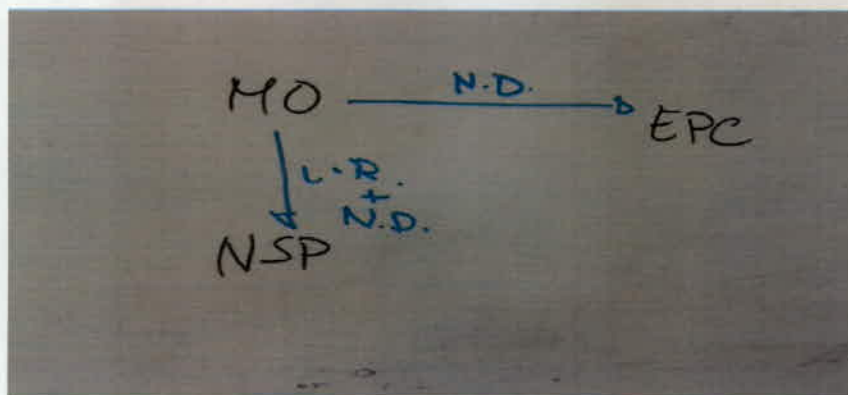
- iv. It is proposed that once a Customer is suspended from the WESM, such suspension should automatically carry physical disconnection as a result of the suspension;
- v. It was noted that some of the terms used (such as the Electric Power Supplier/"EPS", Electric Power Customer/"EPC") are not the commonly used terms in the Manuals, the Rules or the EPIRA, and are used only for purposes of the pertinent DOE Circular. The body recommended aligning the terms used in the DOE Circular with the terms used under the WESM documents (WESM Rules and Manuals);
- vi. The Sub-committee raised its concerns on the procedure for approval of such proposal for amendments to the DOE circular, noting that it will be the first time the RCC will be proposing an amendment to a DOE Circular, which is not the normal course of the rules change process. Specifically, Mr. Sunico raised if the proposal to be submitted will be in bullet points as general comments, or if the RCC/Sub-committee should already submit the proposed wordings for the specific provisions in the DOE circular. The Sub Committee requests clarification from the DOE if said proposal will require an approval by the PEM Board or merely an endorsement from the PEM Board for the DOE's approval on the same;
- vii. The Sub-committee provided a rough draft of the flow of disconnection procedure initiated by: (a) a third party (Generator); and (b) the Market Operator (MO). (see image 1 and image 2 below).

Image 1. Disconnection Procedure as Initiated by the Generator



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Image 2. Disconnection Procedure as Initiated by the Market Operator



In response to the concern on the procedure for the approval of the Proposed Amendments to the DOE Circular, Dr. Guevara stated, that upon consulting with the DOE representative in the RCC, the procedure shall be as follows: 1) the RCC shall seek the PEM Board's endorsement to the DOE of the RCC-approved proposal.; 2) based on that submission, the DOE shall then review and approve the proposal, through the issuance of a DOE circular. It was duly noted that the PEM Board does not have the authority to approve such document since DOE Circulars are documents owned and issued by the DOE.

Dr. Guevara explained that the proposal shall undergo the same procedure within the RCC. As such, the proponent will be the Sub-committee, and the Proposal shall be published within the prescribed period for comments, and deliberated upon by the RCC before it is finally approved and transmitted to the PEM Board and then to the DOE.

As regard to the concern raised on the terminologies used in the DOE Circulars on Disconnection (e.g. EPC, EPS), the RCC commented that ideally, the terms to be used in the Circulars should be aligned with the generally accepted terms in the WESM as defined in either the EPIRA, WESM Rules or the Market Manuals. In addition, Mr. Ciprinilo Menesescited, as an example, that the term "Supplier" is a technical term under the EPIRA and thus, should not be confused with the term "Generators" as they are totally different from one another. On this note, Mr. Ferdinand Binondo expressed that the RCC may propose changing the terminologies as it deems appropriate.

Relative to the flow chart presented by the Sub-committee, Mr. Isidro Cacho raised his concerns, from the Market Operator's point of view, in relation to the proposal to coursing all requests for disconnection through the MO. He reiterated that the MO has no link to or knowledge of the contracts of Suppliers and Customers.

Mr. Sunico responded that the procedure flow charts presented are mere rough drafts of the procedure being proposed, and the same may still be revised based on the requirements and timelines of the MO and the SO. He explained that their proposal is that the Electric Power Supplier will be responsible in sending the letter initially informing the Electric Power Customer that it will be disconnected. The Generators acknowledge that disconnection is a last resort and thus, it is assumed that prior to sending such letter, prior negotiations between the parties have been made, the end

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131 result of which proved to be unsuccessful. In this regard, the Electricity Power Supplier
132 will then be the one to inform the MO that it will move for disconnection. The EPS will
133 then write a letter to the MO requesting for disconnection, attaching thereto a copy of
134 the initial letter received by the Electricity Power Customer.
135

136 In relation to the issue on suspension and de-registration of the Customer, Ms. Lorreto
137 Rivera explained that only the MO, and not the EPS, can request the suspension or
138 de-registration of a non-paying direct or indirect WESM member. As regards the
139 concern of Mr. Cacho that MO is not privy to the contracts of the EPS, Ms. Rivera
140 expressed that they acknowledge such concern, that all the risks or accountabilities
141 in relation to requests for disconnection seem to have been transferred to the MO.
142 Thus, she emphasized that their proposal to address such concern is that the EPS will
143 be the one to notify the EPC, and the received letter will form part of the EPS' request
144 for disconnection with the MO. The explanation was noted by Mr. Cacho.
145

146 Mr. Sunico added that the proposed DOE circular shall mandate the EPS to provide
147 a justification for its request for the disconnection of an EPC. The Sub-committee
148 determined that the submitted letter to the EPC together with information that
149 negotiations have broken down, will be sufficient to trigger a disconnection.
150

151 In relation to the timelines relative to disconnection, the RCC's comments are as
152 follows:
153

- 154 • Mr. Cacho stated that the Philippine Code provides for a 7-day period to issue
155 a notice of interruption prior to physical disconnection. Such timeline was
156 concurred to by Mr. Rosales as their internal timeline for the issuance of the
157 notice of power interruption. He added the SO's timeline allows for sufficient
158 time to validate the data in relation to the disconnection request and likewise
159 to inform the EPC;
160
- 161 • Mr. Jose Ferlino Raymundo added that, at the same time, the MO implements
162 the 5-day prescriptive period on top of the 7-day timeline of the MO;
163
- 164 • Mr. Gilbert Pagobo expressed, on the other hand, that the ERC rules provide
165 for a 2-day prescriptive period or 48 hours. In response, Mr. Sunico stated that
166 the Sub-committee's proposal for 7 days is based on previous comments
167 from the SO on their internal timeline within NGCP.
168

169 Mr. Rosales requested for further clarification regarding the procedure proposed by
170 the Sub-committee. He asked if the MO, upon receipt of the request for disconnection
171 from the EPS, shall already issue a notice of de-registration/suspension to the EPC
172 as well as a notice of disconnection to the SO, all at the same time, or, will the MO
173 first ask the EPC to pay its obligations and only upon failure to do such will the MO
174 issue a disconnection notice to the SO. In response, Mr. Sunico expressed that the
175 intent of the proposed procedure is for the immediate disconnection of the EPC upon
176 the MO's receipt of the request from the EPS as such request for disconnection
177 already assumes that negotiations between the parties have broken down. On this
178 note, Mr. Rosales commented that the effectivity date of market suspension and de-
179 registration should be once the EPC has been physically disconnected and as such,
180 the issuance of a notice of market de-registration and suspension is already deemed
181 unnecessary.

182
183 In relation to the disconnection initiated by the MO, Mr. Cacho explained that such
184 cases happen when a Customer violates applicable provisions in the WESM Rules
185 such as those relating to prudential requirements. As a matter of procedure, the MO
186 informs the non-complying WESM member, in this case, the Customer, and issues the
187 disconnection notice within the 5-day prescriptive period.
188

189 Mr. Rosales inquired from the Generators as to when the MO will issue the notice to
190 SO to disconnect the EPC. Ms. Rivera responded that as mentioned in earlier
191 discussions by Mr. Sunico, the intent of the proposed procedure is the immediate
192 implementation of disconnection upon request from the Generator or Supplier once
193 discussions and negotiations between the parties have failed.
194

195 On the concern regarding the issuance of separate DOE Circulars for wholesale and
196 retail disconnection, Ms. Rivera likewise explained that given the different procedures
197 for the two (e.g. the RES coordinates with the DU; there are direct and indirect
198 customers), the Sub-committee recommends having separate sections in the same
199 circular for the retail and wholesale disconnection, or having a separate circular for
200 retail instead of putting it all together in one circular. Mr. Binondo expressed that
201 ideally, the disconnection policy and procedures for both the wholesale and retail
202 should be contained in one DOE circular to have a single promulgation of the policy on
203 disconnection as a whole.
204

205 Relatedly, Ms. Rivera requested if another Sub-committee can be formed to craft the
206 Proposed amendments to the DOE Circular incorporating the policy on disconnection
207 for retail. She pointed out that in the RESA's proposed amendments to the Retail Rules
208 on Disconnection, MERALCO commented that the procedures should be aligned with
209 the DSOAR. In consideration of this comment, Ms. Rivera stated that it would be best,
210 if the DUs and ECs will be involved in drafting the proposal of amendments to the
211 DOE Circulars to ensure that the obligations under DSOAR, to which DUs and ECs
212 are more knowledgeable, are considered in the disconnection policy of the DOE. In
213 response, Dr. Guevara requested the DU and EC representatives, including the SO
214 representative in the RCC, to form a sub-committee together with Ms. Rivera as
215 suggested.
216

217 Further to the discussion, Mr. Rosales inquired on what the flow would be for the
218 cancellation of disconnection. Specifically, he asked how the SO will be informed if
219 settlement agreements were arrived at between the parties after the disconnection
220 notice has been served by the SO. He explained that if procedures have been followed,
221 all that the SO needs to do is to open the breaker to the lines of the Customer.
222

223 In response to the above query, Mr. Sunico responded that it should still follow the
224 same process, that everything has to go through the MO, with a request coming from
225 the EPS. Thus, from the EPS, a request shall be sent to the MO, which the MO will
226 then forward to the SO. Mr. Sunico, however, acknowledged that the MO and SO may
227 have internal procedures and timelines relative to reconnection that must be
228 considered in the Proposal. Given this, the MO and SO were requested to provide to
229 the Sub-committee their detailed flow charts for their procedures within their
230 organizations.
231

The suggested procedures above were noted by Mr. Cacho. However, he emphasized that if all the requests, both for disconnection and reconnection, will eventually be coursed through the MO, what the MO would require is an official information or request in writing from the concerned party.

On the part of the SO, Mr. Rosales raised his concern as to the liability of the NSP if the disconnection was not implemented even if there was already a request from the party. He pointed out instances where it became difficult for the SO to really cut off a certain Customer, due to a third party, mostly political, intervention Mr. Sunico expressed that for as long as the policy and procedures in the DOE Circular are clearly defined, then that should already cover the SO and the DU, protecting them from any third party intervention.

Dr. Guevara commented that the RCC should also consider that sometimes, in situations involving non-paying DUs, the Rules are not enforced due to intervention of interested parties. Mr. Francisco Castro similarly opined that the RCC may be trying to formulate technical solutions to what can be considered as non-technical problems. He expressed that a political problem should be matched with solutions that are also political.

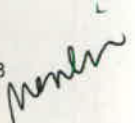
Atty. Caryl Lopez-Mateo also expressed her comments in relation to the concerns raised by Dr. Guevara and Mr. Castro. The bottom line of her comments is that the problems with the non-paying ECs is structural, and thus, the responsible oversight agencies may probably consider stepping-in within the bounds of their authority to rehabilitate the failing ECs to prevent the problem from spilling over to the private sector. Relatedly, Mr. Binondo mentioned that the new charter of the National Electrification Administration (NEA), the overall administrator of all ECs, has now given it the power to step in relative to managing the financial performance of the ECs.

On the part of Mr. Sunico, he expressed that the primary concern of the Generators is that they are the only ones bearing the burden as a result of the non-payment of some Customers. He added that the problem is made worse by the fact that the Customers are still able to draw power even if they have already been suspended from participating in the WESM.

The concerns raised were noted by the body. Following the discussions, the RCC agreed that the proposal for amendments to the DOE circular on wholesale and retail disconnection will be finalized by the Sub-committees and shall be carried as a proposal by the respective Sub-committees. Said proposals shall be presented during the RCC meeting in March 2015.

Mr. Chrysanthus Heruela expressed that his understanding of the RCC's directions on the matter is to craft the policy and procedure for wholesale and retail. However, he opined that the RCC should also consider formulating a disconnection policy for the wholesale, for the retail, and also for the DUs, in consideration that the DUs should address disconnection for DU Customers (end-users) and the Contestable Customers.

Mr. Binondo commented that disconnection for the segments mentioned by Mr. Heruela should be integrated rather than separated. He stated that the DU, being the direct member in the WESM, is the one responsible for the disconnection of the indirect Contestable Customer. Mr. Pagobo added that the applicable guidelines under the



DSOAR will just have to be reflected in the Proposal by the RCC. Ms. Rivera commented that as a RES, their company is not covered under the DSOAR. Mr. Meneses thus suggested to properly segment the coverage of disconnection, as follows: (1) Disconnection for end-users, which is already covered under the DSOAR; (2) Disconnection for DUs and RES for the retail side; and (3) Disconnection for wholesale.

Dr. Guevara agreed on the suggestion by Mr. Meneses. Further, she concurred with the suggestion of Mr. Heruela that the consistency of the process under the DSOAR should be validated against the provisions of the market Rules and Manuals, particularly on prudential requirements and margin call cover. Mr. Heruela stated that there may be inconsistencies between the requirements under the DSOAR and the Market Rules and Manuals, as there was no RES yet at the time that the DSOAR was formulated and promulgated.

Following the discussions, Dr. Guevara summarized the assignments of the RCC, as follows:

- Sub-committee on Disconnection by DUs (for End-users) – Mr. Meneses, Mr. Santos, Mr. Pagobo, Mr. Rosales;
- Sub-committee on Disconnection by DU and RES (for contestable – Mr. Meneses, Mr. Santos, Mr. Pagobo, Mr. Rosales, Ms. Rivera; and
- Sub-committee on Disconnection for WESM – Atty. De Castro, Mr. Sunico, Mr. Raymundo, Ms. Carabuena, Ms. Rivera

The three Sub-committees above were requested to craft their respective proposals and make a presentation for the RCC in March, after which, the proposals will be published to solicit comments following the RCC process. On the concern of Ms. Rivera that RES is not covered by the DSOAR, Dr. Guevara recommended that the sub-committee propose changes to the DSOAR to include the RES.

The assignments and instructions were duly noted.

2. Proposed New Market Manual on the Protocol for the Scheduling and Dispatch of Energy and Contracted Reserves in relation to the DOE Department Circular DC2014-12-0022

Mr. Edward Olmedo of PEMC-TOD made a presentation relative to the previous request from the RCC to craft the proposal for the RCC incorporating the MO-SO protocol for the scheduling and dispatch of energy and reserve promulgated under the pertinent DOE Circular. The presentation covered the following:

- Implementation updates in relation to the policy on central scheduling of energy and contracted reserves;
- Process review relative to the MO-SO protocol, scheduling, and submission of energy and reserve quantities;
- Determination of reserve requirement;
- Day-Ahead Scheduling;

- RTD Scheduling and Dispatch; and
- Settlement of Reserve Capacities

Mr. Olmedo stated that the determination of the reserve requirement relies on the week-ahead projections (WAP) and day-ahead projections (DAP) by the MO, based on submission of offers by the participants. However, it may be noted from the published WAP and DAP reports that there is often a deficit in supply, which in reality may not be the case, as the same is often only due to the non-submission by the Generators of their standing offers. Based on observations, the demand is met in real time and that participants often submit their offer within the 8:00PM and 10:00PM trading intervals. He explained further that most participants submit their offers during real time, however, the market projections are the basis for the determination of reserves.

As an input to the discussion, Mr. Raymundo stated that under the Rules, participants are required to submit their standing bids and offers. He added that said standing bids and offers are submitted one time, for the year, and is supposed to be updated regularly. He acknowledged that some Generators fail to update their standing offers in the absence of a reminder for them to update their standing offers.

In response to the latter statement of Mr. Raymundo, Mr. Olmedo responded that a Market Advisory was issued by the Market Operator on 22 January 2015 reminding all participants to update their standing offers.

Mr. Rosales commented that the non-submission by Generators of their standing offers on a day-ahead affects the determination of reserve requirements because such data serves as the MO's basis for its projections, which data is then submitted to the SO. The day-ahead projections are often in deficit because of the undeclared capacities from the Generators. Mr. Rosales expressed that the problem was already raised by the SO.

Atty. Lopez-Mateo shared that the same matter was discussed by the MSC in one of its previous discussions and what was pinpointed by the Committee is that standing bids and offers expire after a certain period, which is actually a limitation of the Market Management System (MMS).

Dr. Guevara stated that given the limitation of the MMS, the MO should issue a reminder to all participants to ensure that they submit their standing bids and offers. Mr. Cacho expressed that since the requirement to submit standing bids and offers is stipulated under the Rules, it is always assumed that participants are aware of such Rules as participants in the WESM.

Atty. De Castro opined that what should probably be addressed is the limitation in the MMS. She inquired if the prompt message reminding the participants to submit their bids and offers can be automated.

Mr. Cacho responded that in relation to the limitation of the MMS regarding the expiration of standing offers, the same was initially coordinated with the MMS provider, and they quoted several millions for a simple patch to address such limitation. Thus, it was decided by the MO to just include such enhancement in the new MMS.

As regard to the reminder to participants, Mr. Cacho stated that in the current MMS, when participants submit offers below their registered capacity, they are prompted with a message that their submitted offer is below their registered capacity. Based on the WESM Rules, participants are required to submit their maximum available capacity, which pertains to the registered Pmax less any hydro constraints and other technical constraints. Mr. Cacho added that the expiration of standing bids and offers are also determined by the participants and thus, provides for the exercise of self-commitment, given their knowledge of their own plant's condition. He explained that in the market participant interface, a field is provided for the participants for the start and end of their standing bids and offers.

Mr. Castro commented that given the assumption that the offer for each trading interval does not vary much, it can likewise be assumed that the standing offers of a Generator is more or less accurate unless their plants' condition change. Thus, he suggested looking into how or when the standing offers should be reviewed and changed accordingly, to avoid the inaccuracies in the market projections for each trading interval. Mr. Rosales added that the WAP and DAP have become more critical now as these will be the basis for the reserve requirements in the WESM.

Mr. Heruela stated that currently, there are no Rules requiring participants to submit their day-ahead projections. However, the RCC may propose changing the Rules as it deems necessary. He expressed however that there are policy issues in relation to the day-ahead market, which he mentioned is not financially binding, because there is still the real-time dispatch that prevails.

Moving forward with his presentation, Mr. Olmedo stated that with the protocol for central scheduling, the SO still follows its process of submitting its day-ahead ASPA. Such data is validated by the MO against the submission of nominations by the AS provider to avoid clerical errors that may impact on scheduling and pricing in the WESM. He also stated that when nominations for reserves are submitted, the prices should be "0" in order not to affect the WESM prices.

Mr. Rosales emphasized that it is still the NGCP-SO that determines who provides the day-ahead reserve schedules, which is the basis of the Generators for submitting their offers in the market. However, because of the reference to the 12:00 DAP run, there is the possibility of declaring under generation because of inaccurate projections.

Dr. Guevara commented that based on information shared by the parties, there are existing Rules, duties and obligations that are not being followed. Having the limitations mentioned by the parties, Dr. Guevara asked what provisions under the WESM Rules can be changed to address such problem.

In response to Dr. Guevara, Mr. Cacho suggested that rather than simply requiring the Generators to submit a standing offer, the RCC can probably propose provisions requiring the submission of day-ahead offers.

Mr. Raymundo explained that the current WESM Rules provides that Generators submit their standing offers. However, the MSC checks only the compliance of Generators to their RTD schedule and not their submission of a standing offer. Relatedly, Mr. Raymundo mentioned that when the MO called a meeting among the Generators to discuss what would happen in the implementation of the central

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scheduling, only those with ASPA were enjoined to participate in said meeting. Thus, the other Generators with no ASPA were left uninformed and thus, were not reminded to submit their standing offers. He suggested that probably, an information dissemination by the MO may help resolve the problem of standing offers which are not updated.

In response to the last statements of Mr. Raymundo, Mr. Olmedo stated that on 22 January 2015, all participants were reminded to submit their generations offers, which reminder was made through a market advisory from the helpdesk. In this regard, Mr. Raymundo requested to be provided with copy of said notice so that it can be sent through an email blast to the members of PIPPA, with the intent of reminding them to update their standing offers.

Following the discussions, the RCC, through a motion from Mr. Rosales, agreed to propose the necessary changes in the appropriate Market Manual to address the problem relative to the expiration of standing offers of Generators, with the following suggested wordings:

"In the absence of a standing offer, the maximum available capacity of the Generator shall be considered as its standing offers."

On a question raised by Dr. Guevara on what the next step shall be in relation to the presentation made by Mr. Olmedo, Ms. Rodriguez explained that the request for the MO to present the Protocol emanated from the RCC in its previous meeting. Specifically, the RCC requested the MO to craft the proposed amendments to the appropriate market Manual or to propose a new Market Manual incorporating the MO-SO protocol in relation to central scheduling of energy and reserves as promulgated under the DOE Department Circular DC2014-12-0022. Ms. Rodriguez expressed that given the DOE's issuance of said circular, effectively approving the WESM Manual Scheduling and Dispatch of Energy and Contracted Reserves, it is no longer necessary to propose changes to the Market Manual as previously agreed upon by the RCC. She expressed that the pertinent DOE Circular already approved the protocol for implementation of all concerned.

Given the information from Ms. Rodriguez, the RCC decided to no longer push through with the proposal to incorporate the protocol in the Market Manual. However, it agreed to still submit the proposed revisions in relation to the submission of standing offers.

In relation to the scheduling of (regulating) reserves, Mr. Olmedo raised that the Generators may be confused that once the RTD for energy is issued, Generators may think that they should always abide by that RTD. However, he emphasized that upon the implementation of the central scheduling, it may not always be the case because the Generators may be dispatched upward or downward at anytime within the hour. Thus, Generators should not be concerned with their being non-compliant with their energy schedule because they will be exempted from the Rules on compliance with RTD if they are certified as regulating reserve.

Mr. Raymundo expressed that hydro plants still have concerns relative to central scheduling, thus, requesting the DOE for the deferment of its implementation while ongoing internal discussions within PIPPA and with DOE are being conducted relative to the matter. Mr. Raymundo explained that the hydro plants are particularly concerned

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that the supply of water, which is scarce, may be depleted, given the nature of how the regulating reserves can be dispatched (upward and downward regulation).

Dr. Guevara inquired if a simulation has already been conducted to see the impact of the central scheduling in the market. Mr. Olmedo responded that only the actual dispatch can be provided by the MO at the moment. Dr. Guevara asked when the central scheduling would take effect. Mr. Binondo responded that the intent of the DOE is to implement the DOE circular as soon as possible as part of the trial operations. However, given the on-going discussions between the DOE and PIPPA, the implementation has been deferred. He shared that a meeting has been set with PIPPA within the week. It was also noted that PEMC will await the DOE's go signal before it implements the central scheduling.

Mr. Raymundo expressed that the worst case scenario in case it happens that the water supply is depleted particularly during summer, is that the capability of hydro plants to provide energy will be reduced. He emphasized that these Generators' capability is dependent on the water level. He stated that other than for power, the National Irrigation Administration (NIA) also allocates water supply for irrigation purposes.

Dr. Guevara commented that presumably, hydro plants have prior information on the water supply a month ahead, thus, these plants can plan ahead on how they will make their offer in the market and assuming that they foresee water supply problems, the plants can always raise their concerns in relation to their participation in the WESM with the DOE.

At this point, the RCC concluded its discussion on the matter and thanked Mr. Olmedo for his presentation.

3. Updates on PIPPA's Response to the RCC's Letter Inquiring on the Basis of PIPPA for its Formulation of the Nominated Price in relation to the Proposed Amendments to the Administered Price Determination Methodology

Mr. Raymundo discussed PIPPA's response, through a letter to the RCC, on the RCC's inquiry regarding the basis of PIPPA in formulating the Nominated Price (NP). As a background, the RCC previously agreed that instead of the proposed formula by PIPPA in determining the Administered Price (AP), the AP should be instead be equated with the Generator Nominated Price, which the RCC noted is the rate approved by the Energy Regulatory Commission (ERC) through the Power Supply Agreement (PSA).

In essence, the PIPPA letter expressed its agreement to the RCC's suggestion of equating the AP with NP, specifically, basing the NP from the latest-approved PSA. In the absence of the PSA (for some Generators that do not have PSAs), the latest-approved Ancillary Services Procurement Agreement (ASPA) shall be used as basis for the NP. In the absence of the ASPA, the NP of Generators shall be equated with the average nodal price of the Generator when dispatched on trading intervals that have not been administered, for a period of one year, while trading intervals with "0" dispatch shall not be included in the computation of the average nodal price.

Mr. Rosales commented that the ASPA rate will no longer be applicable in cases when there is market intervention or suspension, because the applicable rate during these times is the administered price.

Dr. Guevara explained that the ASPA rate will be applied only in the absence of the PSA. Mr. Raymundo added that there is order of priority on which rate would be applied. He added that details as to the implementation have not been determined yet by PIPPA.

Mr. Meneses commented that the PSA rate should be provided by the Generator to the MO as it would be difficult for the MO to calculate the rates on its own. Mr. Raymundo responded that the effective rates based on the latest-approved PSA can be calculated by the MO using the MWh and total amount in the billing. Mr. Meneses commented further that the PSA rate is a complicated rate, and is not a simple addition of two numbers. It will need a load factor to get such total PSA rate. He added that such rate also moves based on the Philippine Consumer Price Index (CPI), among others. He stated that the PSA rate is okay but expressed that he is more concerned of the computational issues.

Dr. Guevara expressed that the operational concerns can probably be addressed as the PIPPA finalizes its proposal. Meanwhile, RCC as a whole agreed that the PSA is acceptable to be used as basis for the NP.

Mr. Binondo commented further that the Nominated Price should not be equated with ASPA since the proposed AP formula is based on energy, while the ASPA price is computed based on the Generator's capability to provide ancillary service.

Mr. Meneses again raised that the contract price is acceptable but, in reality, it will be difficult to implement said rates for purposes of the AP. He cited, for instance, that in one of their contracts, if they use the Generator for only a few hours in a month, the average rate for that Generator could go as high as Php50million/KWh, as an example. He expressed that while the PSA rate is approved by the ERC, the effective rate when converted to per KWh, can be sky-high. Thus, he suggested qualifying the PSA rate and establishing a base factor of capacity factor. For instance, for peaking plants, it can be computed at 40% capacity factor, while for base load plants, it can be set at 80%. He also stated that the effective rates are variable as these are highly dependent on dispatch. Mr. Meneses emphasized that he is amenable to the suggestion of using the PSA but he reiterated that the PSA should be further qualified so as to consider the capacity factor of plants in the calculation.

Mr. Raymundo acknowledged the concerns raised by Mr. Meneses. He stated that these operational issues will be considered when the PIPPA comes up with a final version of the revised proposal.

On the part of the MO, Mr. Cacho expressed that when PIPPA submits its final, revised proposal, the process for operationalization should be clear. He also expressed that based on discussions on the proposal, enhancements in the information exchange and settlement process will be required, which Mr. Cacho stated, cannot be done in just a month. He expressed though that the proposal can be implemented but will just need to go through the revisions of the MO system to incorporate the formula in the design of the Central Registration and Settlement System (CRSS) of PEMC.



On this note, Mr. Raymundo reiterated that the MO is not required to calculate the administered price because this will be provided by the Generators. What would be required of the MO is to check the correctness and accuracy of the data provided to them, as against the supporting documents from the Generator. Mr. Raymundo likewise clarified that for Generators with several PSAs, the latest approved PSA shall be the one considered in the calculation of NP.

Following the discussions, the discussions, the RCC agreed as followed:

- PIPPA shall finalize its revised proposal, with complete details on the operationalization of said proposal. The AP shall be equated with NP, which NP is based on the latest ERC-approved PSA. The PIPPA shall likewise consider in the calculation of NP the capacity factor mentioned by Mr. Meneses;
- In the absence of the PSA, NP shall be equated with the average nodal price. PIPPA shall likewise clarify the one year period to be used for the computation of average nodal price; and
- For the MO, the necessary preparations shall be made for the enhancements required in the CRSS/billing and settlement system.

The RCC requested PIPPA through Mr. Raymundo to present the PIPPA's revised proposal in the next RCC meeting in March 2015.

IV. NEW BUSINESS

1. Proposed Amendments to the Manual on the Management of Must-Run Units and Must Stop Units Issue 5.0

Mr. Marcial Jimenez presented the PEMC's proposed amendments to the Manual on the Management of Must Run Units and Must Stop Units Issue 5.0.

Atty. Lopez-Mateo explained that the revisions being proposed, which were not part of the recently approved MRU revisions, is in compliance with the ERC Order dated 09 June 2008. However, she clarified that neither the PEMC's proposal nor the ERC Order changes the formula in the recently approved MRU-MSU manual. Rather, the proposal seeks to incorporate the detailed procedures for the implementation of the ERC Order dated 06 February 2008 on the calculation of the Generation Price Index (GPI). She added that the proposal only provides the detailed computation of the GPI, which is what is currently being done already.

In the course of discussions, the RCC made some comments on the note in the formula. For clarity, the RCC recommended changing the notes as follows:

"...trading day d ~~from~~ in billing period m-1..."

Following the presentation, the RCC approved the posting in the WESM website of the Proposed Amendments to the MRU-MSU Manual Issue 5.0, subject to the revision above, to solicit comments of participants and interested parties.

2. PEM Board Presentation on Proposed Amendments to the Manual on the Management of Must-Run Units and Must Stop Units Issue 5.0 relative to Section 9.2

Ms. Rodriguez informed the RCC of the result of the last PEM Board meeting in relation to the MRUs, as follows:

- The PEM Board approved the original-RCC approved Section 9.2 of the MRU-MSU Manual on the verification of MRU data to conform with the provision of the WESM Rules Clause 3.14.18 on Disputes, which provides for the 12-month prescriptive period. It was recalled that when the RCC's proposed revisions on the MRU was presented during the PEM Board meeting on 29 September 2014, the PEM Board resolved to revise the RCC-endorsed Section 9.2, wherein Generators shall be given two weeks to controvert the MRU data, otherwise, the report shall be deemed as final; and
- The PEM Board directed the RCC to review the WESM Rules clause 3.14.8 and other relevant Manuals that will be affected by the approved Section 9.2 and consider discussing the possibility of improving the time allowed to dispute billing statements and its supporting data within a more reasonable period. The PEM Board deemed that the two weeks is too short while one year is too long a period.

Mr. Cacho expressed that the PEM Board instruction effectively leaves it up to the RCC to determine a reasonable time relative to the verification of data.

In response to the PEM Board, the RCC agreed as follows:

- Retain the two-week prescriptive period in the Manual and the 12-month period under the relevant provisions in the WESM Rules, and revise relevant provisions for consistency. Dr. Guevara clarified that all affected Rules and Manual provisions will be revised, inserting a provision/phrase that **"except for MRU and MSU, which is governed by the Manual"** for the provisions prescribing the 12-month period; and
- The RCC noted that the agreement above does not prevent the Market Operator from proposing a different time frame as it determines reasonable, based on PEM Board's comments.

V. OTHER MATTERS

1. Confirmation on the Detailed Formula for the Payment of Displaced Generators

Mr. Jimenez presented the detailed formula for the settlement of Displaced Generators, which will form part of the PEMC's filing before the ERC on the changes in pricing relative

to the recently approved MRU-MSU Manual. Following are the discussions and the RCC's comments relative to PEMC's presentation:

- Explanatory notes should be stated, including what the EAQ, EAQ-MQ, 0.03, etc. represent, to make it a full-fledged Annex to the ERC filing;
- In relation to the payment of MSU ($MSU_{Q_j} = MQ_j - 1.03 * EAQ_j$), the RCC recommended removing the 1.03 in the formula. Dr. Guevara expressed that if a Generator's deviation is within the 3% dispatch tolerance, that amount will not be counted as a violation. However, in terms of payment, the Generator should not be paid for any generation made that is not in accordance with its RTD;
- Based on suggestions of Mr. Meneses, the RCC agreed that a clear definition and graph of the EAQ and particularly, RTX, should be reflected in the appropriate Market Manual. It was noted from the explanation of Mr. Cacho that the matter is explained only in the WESM Training Courses;
- The RCC emphasized the concept of causer's pay. If a generator tagged as MSU did not cause a Generator to be displaced, then it does not have to pay another Generator. However, its non-compliance will still be subject to the Market Surveillance Committee for possible investigation and penalties;
- The RCC agreed that if MQ equals EAQ, then the payment should be based on the pro-rating of the MQ, in order to find a solution for such cases of zero values; and
- In relation to the concern of Mr. Raymundo on accounting for station use and over-payment to Generators, Mr. Cacho expressed that the rational thing to do to reconcile the EAQ with MQ in cases of net metered quantities and higher EAQ, is to adjust the EAQ. However, it has yet to be determined how to scientifically compute the EAQ in such a case. He noted that data on some Generators' house loads are not available with the MO. The RCC likewise noted that some Generators have no meters to measure their station use.

Following the discussions on the station use of Generator's, which concern was raised by Mr. Raymundo, the RCC requested the MO to present in the next RCC meeting a logical and fair way to scientifically compute the EAQ and determine the house load of Generator's located in the gross meter. In this regard, Mr. Meneses suggested using excel look-up table in determining the house load of a Generator vis-à-vis its losses. The instruction and suggestion were duly noted by Mr. Cacho

2. Confirmation of the 2015 RCC Work Plan

The RCC Confirmed the 2015 RCC Work Plan as a result of the Planning session held last 14 January 2015, subject to the following:

- Mr. Jose Santos requested that the target submission date of the EC's Proposal on SSLA (item 2) be moved from March 2015 to April 2015;

- In relation to the Proposal agreed upon by the RCC on asset boundaries and the responsibilities on the maintenance of transmission facilities (item 16), Mr. Raymundo commented that such may be lodged with the ERC or the GMC instead of the RCC as it involves transmission which is covered under the PGC. Dr. Guevara responded that a review of the WESM Rules and Manuals should be made first, and if the opinion of the body eventually is that the RCC may not be the proper venue for tackling matters on transmission, then the Proposal may be to delete the relevant provisions in the Rules and/or Manuals on such; and
- In relation to item 18 on the proposed abolition of the Ancillary Services Monitoring Market Manual, the RCC agreed that a thorough review shall be made jointly by the MO and the SO before proposing a deletion of the Manual. It was agreed to retain the Proposal in the Work Plan, with the appropriate action given to the MO and SO; and
- It was agreed that the review of emergency procedures (item 14) be given to the MO and SO;

The RCC approved the revised Work Plan, subject to incorporation of the above discussions. The RCC likewise agreed to transmit the revised 2014 Work Plan to the PEM Board.

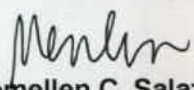
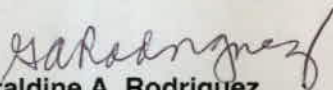
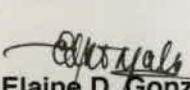
VI. NEXT MEETING

The RCC was reminded of the previous agreement to meet on the following dates in the succeeding months of 2015:

- 98th RCC Meeting – Mar 4
- 99th RCC Meeting – Apr 8
- 100th RCC Meeting – May 6
- 101st RCC Meeting – June 3


VII. ADJOURNMENT

There being no other matters at hand, the meeting was adjourned around 3:15 PM.

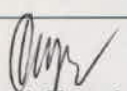
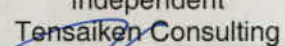

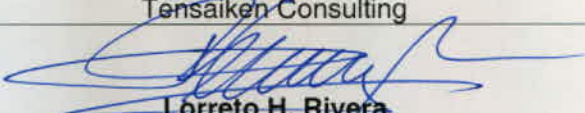
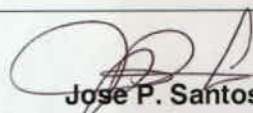
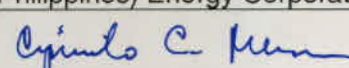


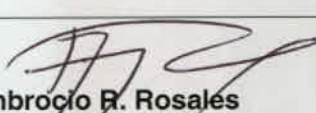

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Chairperson
Independent
University of the Philippines

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