

Rules Change Committee

2016 Semestral Report

(January to June 2016)

This Report is prepared by the Philippine Electricity Market Corporation-Market Assessment Group for the Rules Change Committee.

June 2016

Table of Contents

I.	INTRODUCTION	1
II.	ACCOMPLISHMENTS AND WORK PROGRESS	1
II.A.	Approved Amendments.....	1
1.	Proposed Amendments to the WESM Rules and the Technical Committee Market Manual Issue 1.0	1
2.	Proposed Amendments to the WESM Rules on Market Intervention and Suspension	2
3.	Proposed Amendments to the WESM Manual on System Security and Reliability Guidelines	3
4.	Proposed Amendments to the WESM Market Manual on Emergency Procedures.....	4
5.	Proposed Amendments to the WESM Rules for the Implementation of Enhancements to Market Design and Operations.....	5
6.	Proposed Amendments to the WESM Market Manuals on Preferential Dispatch	6
7.	Proposed Amendments to the Dispatch Protocol Manual (Proposed Dispatch Protocol Manual Issue 12)	7
8.	Proposed Amendments to the WESM Rules and Market Manuals on MRU-MSU and Administered Pricing Determination Methodology....	11
II.B.	On-Going Proposals / Discussions.....	12
1.	Proposed Amendments to the WESM Market Manual on Metering Standards and Procedures.....	12
2.	Proposed Amendments to the WESM Rules and Market Manual on Billing and Settlement.....	12
3.	Proposed Amendments to the WESM Rules regarding BCQ Declaration and Line Rental Calculation.....	13
4.	Proposed Amendments to the WESM Market Manual on Management of Net Settlement Surplus.....	13
5.	Proposed Amendments to the Guidelines Governing the Composition of PEM Committees	14



RCC- REP-16-01

6.	Proposed Amendments to the Price Determination Methodology and the WESM Manual on Constraint Violation Coefficients for the Implementation of WESM Design Enhancements	14
II.C.	Disapproved Proposals	18
	Proposed Amendments to the WESM Market Manual on Metering regarding Site-Specific Loss Adjustment (SSLA)	18
II.D.	Withdrawn Proposals	19
	Proposed Amendments to the WESM Rules on the Submission of Offers of Battery Energy Storage Systems (BESS).....	19
III.	WAY FORWARD	19
Annex A.	Members of the RCC for the period January to June 2016	
Annex B.	Status of the 2016 RCC Work Plan	

I. INTRODUCTION

In compliance with its mandate under the WESM Rules¹ and the WESM Manual on the Procedures for Changes to the WESM Rules (Rules Change Manual), the Rules Change Committee (RCC) submits this Report, covering the period January to June 2016. This report sets out the following:

- i. All Market Rules and Manuals change proposals which have been submitted to and deliberated upon by the RCC for the covered period; and
- ii. Status of RCC priorities outlined in the 2016 RCC Work Plan.

II. ACCOMPLISHMENTS AND WORK PROGRESS

The RCC met eight (8) times during the period January to June 2016, to discuss and deliberate upon several amendments to the WESM Rules and Manuals, which are aimed at enhancing market design, as well as refining processes and operations appropriate for the current market setting.

The RCC activities for the covered period are discussed in detail in the succeeding sections.

II.A. Approved Amendments**1. Proposed Amendments to the WESM Rules and the Technical Committee Market Manual Issue 1.0**

The Technical Committee submitted to the RCC its proposed amendments to the WESM Rules and the Technical Committee Market Manual on 15 September 2015, aimed towards the following:

- for compliance to the Department of Energy (DOE) directives with respect to referencing;
- for consistency with the WESM Rules and the Philippine Grid and Distribution Codes;
- to re-word terminologies and provisions for clarity;
- to include the publication of the Technical Committee's Annual Report and studies in the market information website with due consideration to Section 6 of the Confidentiality and Disclosure of Information Manual; and
- to give due notification to the concerned WESM Member regarding the results of a technical study/review if it is a subject of said study/review.

¹WESM Rules, Clause 8.6.5

RCC- REP-16-01

The proposal was approved by the RCC for publication to solicit comments from concerned WESM Participants. Following the 30-working day publication period from 08 October to 24 November 2015, comments were received from Manila Electric Company (MERALCO) and said proposal was thereafter deliberated upon by the RCC during its 107th regular meeting on 02 December 2015. During the 108th RCC meeting on 13 January 2016, the body reviewed and finalized the proposed amendments, and approved the same for endorsement to the PEM Board through RCC Resolution No. 2016-01. On 29 January 2016, the proposal was presented to the PEM Board, which subsequently approved the proposal in its entirety, for submission to the DOE.

The DOE approved the proposed amendments to the WESM Rules and the Technical Committee Market Manual on 12 April 2016 through DOE Department Circular No. DC2016-04-0003.

2. Proposed Amendments to the WESM Rules on Market Intervention and Suspension

On 21 July 2015 the NGCP–System Operator (NGCP-SO) submitted its proposed amendments to Chapter 6 of the WESM Rules on Market Intervention and Suspension. Said proposal sought to align pertinent provisions of Chapter 6 of the WESM Rules with the changes in the practices in the power industry due to the growing technical requirements and stricter implementation of applicable/amended rules of the Grid Code. During the 104th RCC meeting on 02 September 2015, the proposal was approved to be published in the market website to request for comments from WESM Participants.

During the 107th and 108th RCC meetings on 02 December 2015 and 13 January 2016, respectively, the body deliberated on NGCP's proposed amendments giving due considerations to the comments received from PEMC and MERALCO.

Aside from the NGCP, the Technical Committee (TC) also submitted its proposed amendments to Chapter 6 of the WESM Rules on 03 December 2015, which tackle the same provisions as the NGCP proposal. Upon approval of the RCC via e-mail, the proposal was published to gather comments from interested parties. The RCC then decided to incorporate the TC's proposal and the comments received thereto in the final deliberation on the NGCP's proposal regarding the same subject for a more holistic proposal for amendments to Chapter 6 of the WESM Rules.

Following the 30-working day commenting period from 28 October to 14 December 2015, the RCC, during its 111th meeting on 03 March 2016, deliberated on the TC's proposal with due consideration to the comments received from MERALCO and carried over the agreements relative to NGCP's proposal. The discussions on the combined NGCP and TC proposals resulted to the following changes to the WESM Rules:

RCC- REP-16-01

- Revision of the circumstances when market intervention may be warranted, from “extreme state” to either the existence of an “alert state” or “emergency state”;
- Provision of clause stating that intervention is already warranted when the grid or a portion of the grid is in the alert or emergency state and that upon existence of an alert or emergency state, the SO, in coordination with the MO, may declare market intervention;
- Clarification on the issuances, instructions and notifications to be released by the NGCP–SO in case of an alert or emergency state;
- Clarification on the respective roles of the PEMC-MO and the NGCP–SO before, during and after market intervention;
- Further specification of the required content of a market intervention report;
- Specification of information that SO may require from the *WESM Participants* in case of a threat to system security;
- Introduction of a global change replacing the term “intervention” to “market intervention”; and
- Alignment of clauses with the Philippine Grid Code and relevant WESM Market Manuals.

During the same meeting of 03 March 2016, the RCC moved to approve the proposal and have the same endorsed to the PEM Board through RCC Resolution No. 2016-02.

On 31 March 2016, the proposal was presented to the PEM Board and was subsequently approved by the PEM Board for endorsement to the DOE.

3. Proposed Amendments to the WESM Manual on System Security and Reliability Guidelines

The proposal amending the WESM Manual on System Security and Reliability Guidelines was submitted by the NGCP–SO together with the proposal to amend the WESM Rules-Chapter 6 on 21 July 2015. It intended to align the said Manual with the current practices in the industry and with the applicable and/or amended rules of the Grid Code. Comments from the Technical Committee, North Luzon Renewables Corporation, MERALCO and PEMC were received following the 30-working day commenting period from the proposal’s publication in the market website (from 28 October to 14 December 2015). In order to have an organized discussion of the proposals, the RCC first deliberated on the SO proposal to amend the WESM Rules relative to market intervention and suspension in order to ensure consistency with the proposed changes to the provisions on the WESM Market Manuals.

During the 109th RCC meeting on 03 February 2016, the body deliberated on the proposal taking into account the comments received. The proposed amendments:

RCC- REP-16-01

- align the manual with ERC Resolution No. 21, the Grid Code and the approved Ancillary Services Procurement Plan (ASPP);
- specify mitigating measures performed either by the SO or coordinated by the same with concerned WESM Participants to address threats to the security and reliability of the grid;
- clarify the differences between an Alert, Emergency and Normal State;
- provide a new section – Grid Operation Notices, stipulating the SO's issuance of various notices to all Grid users of an existing alert state (i.e., Yellow, Red, Blue, Security Red, Weather Disturbance Alerts); and
- adopt the presently used processes of the SO.

Resulting from the Technical Committee's comments, a separate section was also created specifying the general responsibilities of the SO to address threats to system security of the grid.

During the 111th RCC special meeting on 03 March 2016, the body finalized the proposal and approved the same for endorsement to the PEM Board through RCC Resolution No. 2016-03.

On 31 March 2016, together with the amendments to Chapter 6 of the WESM Rules, the proposed amendment was presented by the RCC to the PEM Board which subsequently approved it for submission to the DOE.

4. Proposed Amendments to the WESM Market Manual on Emergency Procedures

With the objective of having a holistic submission of proposed amendments related to the topic on Market Intervention, the NGCP-SO also submitted proposed amendments to the WESM Market Manual on Emergency Procedures on 21 July 2015, together with their proposed revisions of WESM Rules-Chapter 6 and the System Security and Reliability Guidelines. Following the 30-working day commenting period after the proposal was published in the market website (from 28 October to 14 December 2015), the RCC received comments from PEMC, the Technical Committee, MERALCO and North Luzon Renewables Corporation.

Giving due considerations to the comments, the RCC adopted the following amendments during its deliberation of the matter during the RCC's 109th meeting on 03 February 2016:

- alignment of the definition of the terms with the Grid Code, relevant ERC Resolutions, the WESM Rules and the Manual on System Security and Reliability Guidelines;
- addition of new terms for clarity;

RCC- REP-16-01

- illustration of the proper sequence of procedures either performed or coordinated by the SO with concerned WESM Participants when the grid is in an Emergency State (i.e., during Overloading, Excess Generation, Undervoltage, Overvoltage and Manual Load Dropping)

During the 111th RCC special meeting on 03 March 2016, the body reviewed and finalized the proposal and subsequently approved the same for transmittal to the PEM Board through RCC Resolution No. 2016-04.

On 31 March 2016, together with the amendments to Chapter 6 of the WESM Rules and the Manual on System Security and Reliability Guidelines, the proposal was presented by the RCC to the PEM Board, which subsequently approved the same for endorsement to the DOE.

5. Proposed Amendments to the WESM Rules for the Implementation of Enhancements to Market Design and Operations

PEMC submitted to the RCC its proposed amendments to the WESM Rules for the Implementation of Enhancements to Market Design and Operations, pursuant to the directives of the DOE, as embodied under DOE Department Circular No. DC2015-10-0015 dated 23 October 2015, for the further enhancement of the WESM design and operations and to address the findings and recommendations of the Independent Operational Audit of the Systems and Procedures on Market Operations. During the RCC's 107th meeting on 02 December 2015, PEMC presented the proposed changes to the WESM Rules intended to: (1) facilitate more efficient pricing, scheduling and dispatch of energy and reserves; (2) mitigate the occurrence of intra-hour deviations and overriding of real-time dispatch schedules; (3) enhance transparency and aid informed decisions of participants; and (4) confirm the responsibilities of all concerned parties. Specific proposed changes are as follows:

- shortening of trading and dispatch interval from one (1) hour to five (5) minutes;
- ex-ante pricing only for energy and reserves for every 5-minute dispatch interval;
- one (1) hour settlement interval for settlement purposes based on weighted average of the 5-minute ex-ante prices;
- automatic pricing corrections;
- implementation of hourly day-ahead projections (DAP) with sensitivities and hour-ahead projections (HAP);
- implementation of nodal-based short-term demand forecasting; and
- automatic dispatch conformance monitoring for energy and reserves

During the same meeting, the RCC approved to have the proposal published to solicit comments from Market Participants and interested stakeholders. Following the 30-day

RCC- REP-16-01

commenting period, comments were received from the Technical Committee, Aboitiz Power Corporation, AES Philippines, SN Aboitiz Power (SNAP), NGCP-SO and the DOE. The RCC subsequently deliberated on the proposal during its 110th and 111th meetings on 02 and 03 March 2016, respectively, taking into consideration the comments received, as well as the promulgated amendments of the DOE (through Department Circular No. DC 2016-01-0002) to the WESM Rules in line with the implementation of preferential dispatch.

In its discussions, the RCC duly recognized the NGCP-SO reservations about the various proposed changes in the market design, specifically on how these can be actually implemented. The SO raised that it is currently unprepared to implement the market design enhancements as far as its technical capability is concerned. The RCC, however, noting that DC2015-10-0015 also directed the SO to make the necessary enhancements to its facilities, among other responsibilities, in order to implement the new market design, proceeded with its approval of the proposal for endorsement to the PEM Board through RCC Resolution No. 2016-05 on 03 March 2016.

On 31 March 2016, the RCC presented the proposed amendments to the WESM Rules to the PEM Board. The PEM Board subsequently approved the proposal for endorsement to the DOE.

6. Proposed Amendments to WESM Market Manuals on Preferential Dispatch

On 24 February 2016, PEMC submitted its proposed amendments to several WESM Market Manuals, aimed towards aligning them with the approved amendments to the WESM Rules with respect to Preferential Dispatch as promulgated through DOE Department Circular No. DC2016-01-0002. The following are the affected manuals:

- Billing and Settlement Manual;
- Management Procedure on Excess Generation;
- Procedure for Determining Ex-Post Nodal Energy Prices;
- Information Disclosure and Confidentiality Manual;
- Load Forecasting Methodology;
- Metering Standards and Procedures;
- Registration, Suspension and De-Registration Criteria and Procedures; and
- Guidelines on Significant Variations in and Between Trading Intervals.

Along with the aforementioned, a new WESM Market Manual on Forecast Accuracy Standards for Must Dispatch Generating Units was also proposed.

PEMC presented the proposed amendments to the RCC during its 111th regular meeting on 03 March 2016 and which proposal was subsequently approved for publication to

RCC- REP-16-01

gather comments from concerned WESM Participants. Following the 30-working day commenting period 11 March to 26 April 2016, comments were received from Aboitiz Power Corporation, MERALCO and the DOE, which were all considered by the RCC during its deliberation on the said proposal in its 115th regular meeting on 01 June 2016. After due deliberation, the RCC approved the proposal for endorsement to the PEM Board for its proper course of action. The proposal is targeted to be presented during the PEM Board's July 2016 meeting.

7. Proposed Amendment to the Dispatch Protocol Manual (Proposed Dispatch Protocol Manual Issue 12)

The proposed Issue 12 of the Dispatch Protocol Manual is a consolidation of several proposals from PEMC, SNAP, Petron Corporation, and the Technical Committee that were submitted to the RCC between 2014 and 2016. The summary of proposals to be considered for the proposed Dispatch Protocol Manual Issue 12 is as follows:

	Proponent	Topic of Proposals	Proposed Manual Version
a)	PEMC	Proposed Dispatch Protocol Manual Issue 12	Dispatch Protocol Manual Issue 12
b)	SNAP/ RCC	Dispatch Tolerance Limit	
c)	Petron/ RCC	Cogeneration Facilities	
d)	Technical Committee	Market Intervention	
e)	PEMC	Preferential Dispatch	

a) PEMC's Proposed Amendments to the Dispatch Protocol Manual²

PEMC's proposals, versions 1 and 2 presented to the RCC on 14 January 2015 and 05 August 2015, respectively, aimed to update the Dispatch Protocol Manual (Proposed Dispatch Protocol Manual Issue 12) to follow the present processes and technologies in the spot market and to address audit findings that emanated from the 2nd Market Operations Audit. The proposal, among other things, also:

² Please refer to the RCC Semestral Report for July to December 2015 at http://www.wesm.ph/inner.php/downloads/rcc_reports for a more thorough discussion of this proposal.

RCC- REP-16-01

- recommended overhauling the manual as to format and style in compliance with the recommended structure for all market manuals;
- removed the appendices and incorporated the relevant appendices as major sections in the Manual;
- provided for a new section for the WESM Timetable;
- included a section for all the SO's inputs including the over-riding constraints;
- included the provisions regarding the dispatch implementation on MRU and MSUs;
- incorporated the procedure for start-up and shutdown of generating units; and
- revised various provisions for clarity and consistency.

b) SNAP's Proposed Amendments to the Dispatch Protocol Manual regarding Dispatch Tolerance Standards and counter-proposal from the RCC³

For its part, SNAP presented to the RCC its proposal during the 98th RCC meeting on 04 March 2015. SNAP's proposal aimed to revise the Dispatch Tolerance Limits for generators with low Real-Time Dispatch schedules. This proposal was eventually disapproved by the RCC during its 99th meeting on 08 April 2015 after a thorough deliberation, determining that it lacked clarity and sufficient justification. Though disapproved, the proposal triggered the RCC, through the MO and the SO, to conduct its own review of the current dispatch tolerance limits (i.e., $\pm 3\%$ of RTD) in recognition of the valid arguments raised by SNAP.

The MO and the SO separately conducted their studies, presented the respective results of their simulation to the RCC over several meetings and subsequently presented to the Committee on 04 November 2015 during its 106th meeting a joint position paper on the matter, which essentially recommended adopting a dispatch tolerance limit of $\pm 1.5\%$ of RTD or 1 MW, whichever is higher. Noting the recommendation, the RCC decided to solicit inputs/comments from the Generators through a meeting, conducted on 15 November 2015 with the Philippine Independent Power Producers Association, Inc. (PIPPA), during which the results of the joint MO-SO study were presented to them.

PIPPA thereafter submitted their position through a letter to the RCC dated 06 January 2016 and presented the same to the Committee on 03 February 2016, stating to retain the allowable dispatch tolerances of $\pm 3\%$ of RTD and 1 MW for small generators. After further deliberation and considering the arguments on the part of the SO, MO, and PIPPA, the RCC adopted revisions to the current dispatch tolerance standards from $\pm 3\%$ to $+1.5\%$ to -3% of the RTD or ± 1 MW, whichever is higher. Since the dispatch

³ Please refer to the RCC Semestral Report for January to June 2015 at http://www.wesm.ph/inner.php/downloads/rcc_reports for a more thorough discussion of this proposal.

RCC- REP-16-01

tolerance standards are currently stipulated in a PEM Board Resolution and not in the Dispatch Protocol Manual, the RCC instructed PEMC to draft additions to the Manual to include the proposed dispatch tolerance standards.

The RCC finalized the proposal drafted by PEMC on 30 March 2016 and approved its publication in the market website to request comments from Market Participants within the period of 06 April to 19 May 2016. On 01 June 2016, the body took up the proposal again for deliberation with inputs received from the Technical Committee, the Market Surveillance Committee, the DOE, MERALCO and SNAP.

The RCC approved the proposed amendments and targets to present the same to the PEM Board during its July 2016 meeting.

c) Petron's Proposed Amendments to the WESM Rules regarding Co-generation Systems and counter-proposal from the RCC⁴

On 24 July 2015, Petron submitted a proposal to amend the WESM Rules incorporating co-generation systems as a separate classification of generation facilities. The proposal was presented to the RCC on 05 August 2015 during its 103rd meeting. Due to the characteristics of co-generation systems, Petron argued that they would not be able to offer its maximum available capacity pursuant to the "must-offer rule".

The proposal was deliberated upon during the RCC's 105th meeting on 07 October 2015, wherein the Committee, based from the comments received from the DOE and PEMC and the discussions that emanated therefrom, instructed Petron to revise its proposal accordingly with the assistance of an RCC Sub-committee created for this purpose.

The RCC Sub-committee conducted another meeting with Petron on 12 January 2016 to re-discuss the proposal. It was agreed upon during that meeting that the current classification of generation facilities will be left as is, without adding a separate one for co-generation systems (or embedded generation facilities as earlier recommended by the DOE). Instead, an amendment to the Dispatch Protocol Manual will be proposed to revise the definition of "maximum available capacity" to basically reflect that co-generation facilities' maximum available capacity is net of their load. With Petron's agreement, the PEMC took over drafting the agreed counter-proposal.

Said counter-proposal was presented to the RCC on 03 February 2016 and was approved to be published in the market website for further comments from stakeholders (from 06 April to 19 May 2016). The proposal was written in conjunction with the proposal to revise the dispatch tolerance standards (as discussed in item b

⁴Please refer to the RCC Semestral Report for July to December 2015 at http://www.wesm.ph/inner.php/downloads/rcc_reports for a more thorough discussion of this proposal.

RCC- REP-16-01

above). On 01 June 2016, the proposal was deliberated upon by the body with due consideration to the comments received from the Technical Committee.

The RCC thereafter approved the proposed amendments and targets to present the same to the PEM Board during its July 2016 meeting.

d) Technical Committee's Proposed Amendments to the WESM Rules and the Dispatch Protocol Manual related to Market Intervention

The Technical Committee submitted its proposal to the RCC on 03 December 2015 in order to revise the provisions of the WESM Rules, specifically Chapter 6 – *Intervention and Market Suspension*, and the Manual for consistency with the Grid Code and with the current practice of the System Operator. The proposal was published in the market website on 08 December 2015 to solicit comments from stakeholders until 26 January 2016. Inputs were thereafter received from PEMC and MERALCO, which were taken into consideration when the RCC deliberated on the proposal on 30 March 2016 during its 112th meeting. The portion of the proposal amending the WESM Rules were already incorporated into the System Operator-NGCP's proposal (as discussed in item #2 above).

e) PEMC's Proposed Amendments to the Dispatch Protocol Manual (along with other affected Manuals) on Preferential Dispatch

PEMC also presented additional proposed amendments on 03 March 2016 in order to align the Manual's provisions with the promulgated amendments to the WESM Rules regarding Preferential Dispatch, per DOE Department Circular No. DC2016-01-0002. The amendments are mostly related to incorporating the submissions required from non-scheduled, must-dispatch and priority dispatch generating units in the procedures. Following the 30-day commenting period from 11 March 2016 when the proposal was published in the website, comments were received from MERALCO and Aboitiz Power Corp. The RCC deliberated on the proposal on 28 April 2016 in conjunction with the other proposed amendments to the Manual from other parties.

Considering all the proposed amendments and comments received from various WESM Participants and stakeholders, the RCC, during its 114th and 115th RCC meetings, held on 28 April 2016 and 01 June 2016 respectively, finalized and approved the revisions on the five (5) proposals as a whole and came out with an agreement to endorse the RCC-approved proposed amendments to the Dispatch Protocol Manual to the PEM Board in time for their July 2016 meeting.

RCC- REP-16-01**8. Proposed Amendment to the WESM Rules and Market Manuals on MRU-MSU and Administered Pricing Determination Methodology**

Aboitiz Power Corporation's proposal as above-mentioned, which involves the setting of a timeline for the filing of claims to ensure transparency in the settlement process and efficient operation of the WESM, was presented to the RCC during its 99th meeting held on 08 April 2015. The same was approved by the RCC for publication in order to solicit comments from concerned WESM Participants.

The RCC deliberated on the proposed amendments, together with the comments received from the Market Surveillance Committee and the PEMC during its 101st RCC meeting held on 03 June 2015. PSALM, on the other hand, requested for the deferment of the amendment's endorsement to the PEM Board in order for them to submit a counter-proposal related to the timeline for submitting claims for additional compensation for generators dispatched as an MRU. The RCC then agreed to place the proposal on queue to await for PSALM's comments.

On 27 April 2016, the RCC received inputs from PSALM which propose to extend the timeline of application for additional compensation to six (6) months to give it time to secure from their IPPs and Operation and Maintenance Contractors the documents needed for the said submission. Moreover, PSALM, recommended the deletion of the proposal on the waiver of said claims if not filed within the prescribed period. The RCC discussed the proposal thoroughly and noted that the concern of the majority was the efficiency of the operation of the spot market. The RCC, thus agreed to prescribe a timeframe within which claims for payment may be made, with a corresponding waiver on claims if the deadline for claims is not met. PSALM then asked for consideration in the meantime while it undergoes privatization. Giving due consideration to PSALM's situation, the RCC agreed to stretch the timeline to one (1) year but with a caveat that claims not filed within said period shall be considered waived.

The RCC agreed to adopt the amendments as discussed regarding the matter and agreed to transmit to the PEM Board the RCC approved version of the proposal for approval and endorsement to the DOE.

RCC- REP-16-01

II.B. On-Going Proposals / Discussions

During the period covered in this report, the RCC discussed the following amendments to the WESM Rules and Manuals and other relevant matters.

1. Proposed Amendments to the WESM Market Manual on Metering Standards and Procedures

During the 112th RCC meeting on 30 March 2016, the PEMC presented its proposed amendments to the WESM Market Manual on Metering Standards and Procedures. The proposal is aimed towards adding new categories for the new Metering Service Provider (MSP) rating computation. This proposal emanated from the discussions with PEMC and the NGCP which resulted to the recommendation to adjust the percentage weights of the different performance factors in order to follow the requirements of the Grid Code on the accuracy of monthly meter data and testing of metering installation. Following the presentation, the same was then approved by the RCC for publication to seek comments from interested WESM Participants.

Following a 30-working day commenting period from 01 April to 16 May 2016, consolidated comments from the Technical Committee and MERALCO were considered during the 115th RCC meeting held on 01 June 2016. NGCP's metering department representatives were present during the deliberation and sought for the RCC's approval to defer further deliberations on the matter in order for them to properly formulate their comments and suggestions to the proposal. Giving due consideration to the request, the RCC deferred the discussions on the proposal and gave a two-week-deadline for the NGCP to submit its comments.

2. Proposed Amendments to the WESM Rules and Market Manual on Billing and Settlement

Aboitiz Power Corporation's proposal was submitted to the RCC during its 99th meeting held on 08 April 2015, which sought to harmonize the requirements of the Bureau of Internal Revenue (BIR) for claiming deductible expenses with PEMC in order for affected WESM Members/Trading Participants to be able to provide sufficient documentation in claiming deductible expenses from the BIR and ensure that deductible expenses are recognized. The same was approved for posting to collect inputs from WESM stakeholders during the said presentation. The RCC deliberated on the proposed amendments during its 101st RCC meeting held on 03 June 2015. During the discussion, PEMC informed the body that it already took the initiative to revise the invoice, which will be used by PEMC once the PEMC's settlement system has been put into place. Said revised format has been submitted to the BIR with PEMC just awaiting BIR's approval of the same. The RCC agreed to defer its decision on the matter relating to invoicing pending the BIR's resolution on the matter.

RCC- REP-16-01

Relative to this proposal, on 27 April 2016, the RCC received inputs from PSALM, which similarly proposed that a computation be provided segregating the details of the sales and purchases of the WESM member and other relevant data for the pertinent billing period in the Final Statement. This is to properly identify WESM revenues and expenses for VAT computation purposes when filing with the BIR. PEMC then informed PSALM that a proposed new format of the WESM Bill addressing PSALM's concerns has been filed with the BIR, awaiting BIR's approval. PEMC also informed the RCC, that to facilitate among other things, the billing processes, PEMC is developing the Account Management System (AMS), hopefully to be completed by year end. In consideration of the above, the RCC agreed to hold in abeyance its decision on the matter pending the resolution of the BIR of PEMC's proposed invoice format.

3. Proposed Amendments to the WESM Rules regarding Bilateral Contract Quantities (BCQ) Declaration and Line Rental Calculation

PEMC presented its proposed amendments to the WESM Rules regarding BCQ Declaration and Line Rental Calculation during the 109th RCC meeting on 03 February 2016. The proposal aims to address the findings of the Market Operation Audit conducted last 2014. The proposal included changing the timeline of declaring BCQ from ex-post (D+1) to ex-ante (H-1) and to net out the equivalent settlement amount of bilateral contracts based on the agreed reference market price of the counterparties from the gross settlement amount of each trading participant. The purpose of shifting the timeline for declaring BCQ is to eliminate potential gaming in the declaration process. Subsequently, the RCC approved the same for posting to solicit stakeholders' inputs. The proposal was published on 04 February 2016.

After the commenting period from 04 February to 18 March 2016, comments from the DOE, Aboitiz Power Corporation, First Gen, MERALCO, Retail Electricity Suppliers Association and SNAP were received and thereafter duly considered during the deliberations in the RCC's 113th meeting held on 27 April 2016. To better appreciate the implications of the proposal, the RCC requested the proponent to provide a general list of conditions when re-declaration of bilateral contract quantities at ex-post may be allowed. The continuation of the deliberation for the matter was set for the next scheduled RCC meeting.

4. Proposed Amendments to the WESM Market Manual on Management of Net Settlement Surplus

During the 111th RCC meeting on 03 March 2016, PEMC presented its proposal to amend the WESM Market Manual on Management of Net Settlement Surplus (NSS). The

RCC- REP-16-01

proposal sought to specify the formula for calculating the line loss and congestion charges and price payments of trading participants with consideration of bilateral contracts. The RCC approved the publication of the proposal to seek comments from concerned WESM Participants. The proposal was published on 11 March 2016 and stakeholders were given until 26 April 2016 to submit their comments.

Comments to the proposal were received from the DOE, SNAP and Aboitiz Power Corporation. Deliberation on the subject proposal was set for the next scheduled RCC meeting.

5. Proposed Amendments to the Guidelines Governing the Composition of PEM Committees

During the RCC's 115th meeting on 01 June 2016, the Technical Committee's proposed amendments to the Guidelines Governing the Composition of PEM Board Committees, was discussed by the body. The proposal recommends that instead of majority voting, consensus approval for the Technical Committee's decisions regarding matters of technical nature be adopted. Clerical enhancements to certain provisions also form part of the proposal.

The RCC approved the posting of the same to collect comments from concerned WESM Participants. The proposal was published in the market website on 03 June 2016. Stakeholders were given until 18 July 2016 to submit their comments.

6. Proposed Amendments to the Price Determination Methodology and WESM Manual on Constraint Violation Coefficients for the Implementation of WESM Design Enhancements

Pursuant to the DOE Department Circular No. DC2015-10-0015 providing guidelines for implementing enhancements to WESM design, the Market Operator, on 01 June 2016 during the RCC's 115th meeting, presented its proposal to amend and merge several WESM Market Manuals into two (2) manuals:

a) Proposed WESM Market Manual on Price Determination Methodology (PDM) Issue 1.0

This proposal aims to consolidate pricing and settlement provisions and equations into one manual which will supersede and render obsolete the other previously relevant manuals.

RCC- REP-16-01
b) WESM Market Manual on Constraint Violation Coefficient (CVC) Manual

This proposal, on the other hand, intends to consolidate the provisions related to CVC and market pricing re-runs into the revised CVC Manual.

Taken as a whole, the proposal aims to facilitate more efficient pricing, scheduling and dispatch of energy and reserves, and also to facilitate the filing of the proposed pricing and settlement methodologies to the ERC by 3rd Quarter of 2016.

The table below summarizes the proposed revisions:

Current Design/ Rules/ Implementation	Proposed Changes	Affected Manuals	Rationale
Current title of Market Manual: Constraint Violation Coefficients	Proposed new title of Market Manual: Constraint Violation Coefficients and Pricing Re-Runs	CVC	To include the processes for automatic pricing re-runs and manual pricing re-runs
Provides values and priorities of CVCs	Provides changes in the values and priorities of CVCs.	CVC	Considers the modelling of DU networks in the MNM and the imminent implementation of the WESM Reserve Market
Constraint violations result to pricing errors; manual market re-runs	Automatic management of constraint violations and market re-runs. Shortage pricing at the offer price cap for under-generation and excess pricing at the offer price floor for over-generation.	PDM, CVC, Pricing Error Notices and Conduct of Market Re-Run Manual (PEN-MRR)	To produce prices in real-time based on relaxation of constraints with non-zero violation variables, reducing the high frequency of pricing errors
Manual market re-runs PEN-MRR process is provided under the PEN-MRR Manual.	PENs and manual re-runs are only for instances of bad input-data. Provisions for manual pricing re-runs are provided under the CVC Manual, as revised.	PDM, CVC, PEN-MRR	Expedite determination of prices during pricing errors Consolidate rules for pricing re-runs in one Market Manual

RCC- REP-16-01

Current Design/ Rules/ Implementation	Proposed Changes	Affected Manuals	Rationale
	Abolition of the PEN-MRR Manual.		
Generation energy Administered Price (AP) is computed based on ex-post price and metered quantity.	Generation energy AP is computed based on nodal energy dispatch prices and schedules. Added formula for determining AP when node is newly modelled based on GWAP of other generators. Also includes AP for reserves based on the schedule weighted average of the reserve prices for each reserve category of the 4 most recent similar trading day and similar dispatch intervals that have not been administered.	Administered Price Determination Methodology (APDM)	Timely provision of administered prices. Formula for new nodes is in compliance with the ERC's direction during the APDM hearing
Customer settlement amounts are based on the allocation of total generation payments for intervals under market suspension or intervention.	Customer energy AP is computed based on nodal energy dispatch prices and schedules.	APDM	Same as above.
Determination of import and export amounts use Ex-Post Price (EPP) and Metered Quantity (MQ)	Use GWAP of non-administered region (instead of EPP) and snapshot of High-Voltage, Direct Current (HVDC) flow (instead of MQ)	APDM	Generalize reference price in non-administered region
MRUs are paid based on the Generation Price Index (GPI) and, subject to approval, are able to claim additional compensation.	MRUs, including constrained-on generators, are price-takers and, subject to approval, are able to claim additional compensation.	MRU	To ensure that units are compensated for providing energy to ensure system security and reliability.

RCC- REP-16-01

Current Design/ Rules/ Implementation	Proposed Changes	Affected Manuals	Rationale
MRU quantity is based on total metered quantity of that generating unit minus the higher between the Ex-ante Quantity and the bilateral contract quantity (BCQ) declared for that unit	MRU quantity is based on total metered quantity of that generating unit minus the BCQ declared for that unit	MRU	Consistent with the reduction of dispatch intervals to 5-minutes.
Calculation of settlement amount every hour (trading interval) based on ex-ante and ex-post prices.	Calculation of settlement amount every hour (settlement interval) based on the weighted-MW (RTD) average of the 5-minute nodal dispatch prices.	PDM	Consistent with the ex-ante only pricing.
Settlements include line rental amounts for bilateral contract quantities	Formulas do not include calculation of line rental	PDM	To reflect the actual cost of electricity purchased and sold in the WESM by netting out the equivalent settlement amount of bilateral contracts based on the agreed reference market price from the gross settlement amount of each trading participant.
Formula for determining total trading and settlement amounts are implied in the PDM and documented in internal business procedures.	Added formula in Market Manual for determining total trading and settlement amounts (concept not changed)	PDM	For transparency and clarity
Allocation does not consider contract declarations.	Allocation considers contract declarations and is referenced to the minimum loss and congestion payments	NSS	To shift the allocation of NSS to trading participants that paid more due to congestion.

RCC- REP-16-01

The body agreed to have the proposal published in the market website for commenting. The proposal was published on 03 June 2016. Stakeholders were given until 18 July 2016 to submit their comments.

II.C. Disapproved Proposals**Proposed Amendments to the WESM Market Manual on Metering regarding Site-Specific Loss Adjustment (SSLA)**

The subject proposal was submitted by the Distribution Utilities (Ilocos Norte Electric Cooperative, Mactan Electric Company and Antique Electric Cooperative) and was presented to the RCC during its 109th regular meeting on 03 February 2016. Said proposal suggested to determine the site specific loss adjustment in terms of cost of energy lost rather than adjusting the metered quantity. The RCC approved the publication of the proposal in the market website to solicit comments from concerned stakeholders. The proposal was published on 04 February 2016 and interested parties were given until 18 March 2016 to submit their comments.

During the 115th RCC meeting on 01 June 2016, the body deliberated on the proposal giving due consideration to the comments received from the DOE, PEMC, Aboitiz Power Corporation, MERALCO, Philippine Rural Electric Cooperative Association (PhilRECA) and SNAP. Objections to the proposal were raised during the deliberation, mostly due to the following:

- the amendment would entail inefficiencies and distortions to the settlement in the market
- the amendment would require amendments to the PDM that shall require ERC approval

Instead of revising the manner by which the SSLA would be computed, the Market Operator suggested that it will just provide the DUs of their certified raw meter data, the adjusted meter data and the SSLA. The proponent agreed with the Market Operator's suggestion as these data shall help them justify their filing of site specific losses to the ERC. Considering the objections raised against the proposal, the RCC disapproved the proposal. To address the concerns of the DUs, the PEMC-Billing, Settlement and Metering Department agreed to provide, upon a DU's request, a certification of a concerned DU's raw meter data, adjusted meter data and SSLA and coordinate with the Settlements for the inclusion of said data in the power bill. The RCC tasked Mr. Ludovico Lim, as the DU sector representative to echo the agreements reached in the meeting with the concerned distribution utilities.

RCC- REP-16-01

II.D. Withdrawn Proposals

Proposed Amendments to the WESM Rules on the Submission of Offers of Battery Energy Storage Systems (BESS)⁵

The AES originally submitted a proposal to the RCC in 2014 recommending amendments to the WESM Rules that would allow their BESS to offer capacity providing Ancillary Services only, as opposed to both energy and reserve, as required from generating units. On 12 January 2016 during the RCC Sub-committee meeting, the AES presented to the Sub-Committee a letter from the ERC essentially classifying BESS as a generating unit, which follows that BESS must comply with all the rules that apply to generators. Given the ERC's letter, the Sub-Committee recommended for AES to apply for a Certificate of Compliance as a generator to the ERC, but also, in the meantime, to enter into an arrangement or contract with the System Operator for its BESS to be an Ancillary Services Provider. In view of the ERC's letter and the Sub-committee's suggestion, the AES had agreed to withdraw their proposal.

III. WAY FORWARD

Mindful of the remaining deliverables in the updated 2016 Work Plan (Annex B), the RCC agreed to devote the succeeding months in completing and resolving the remaining items in the 2016 RCC Work Plan.

⁵ Please refer to the RCC Semestral Reports for January to June 2015 and July to December 2015 at http://www.wesm.ph/inner.php/downloads/rcc_reports for a more comprehensive discussion of the developments related to this proposal.

RCC- REP-16-01

Approved by:
RULES CHANGE COMMITTEE

Maia Lourdes G. de Castro
Chairperson
Independent

Members:

Concepcion I. Tanglao
Independent

Francisco L.R. Castro, Jr.
Independent

Alan C. Nerves
Independent

Isidro E. Cacho, Jr.
Market Operator
Philippine Electricity Market Corporation
(PEMC)

Ambrocio R. Rosales
Transmission Sector
National Grid Corporation of the Philippines
(NGCP)

Joselyn D. Carabuena
Generation Sector
Power Sector Assets and Liabilities Management
Corporation (PSALM)

Jose Ferlino P. Raymundo
Generation Sector
SMC Global

Theo C. Sunico
Generation Sector
Vivant Corporation

Ciprinilo C. Meneses
Distribution Sector (PDU)
Manila Electric Company
(MERALCO)

Jose P. Santos
Distribution Sector (EC)
Ilocos Norte Electric Cooperative, Inc.
(INEC)

Gilbert A. Pagobo
Distribution Sector
Mactan Electric Company
(MECO)

Ludovico D. Lim
Distribution Sector
Antique Electric Cooperative, Inc.
(ANTECO)

Lorrete H. Rivera
Supply Sector
TeaM (Philippines) Energy Corporation
(TPEC)

Certified True and Correct:
Elaine D. Gonzales
RCC Secretary
PEMC

RCC- REP-16-01

ANNEX A: Members of the RCC for the Period January to June 2016

Sector	Representative Organization	Members	
		Regular	Alternate
Independent		Atty. Maila Lourdes G. de Castro (<i>Chairperson</i>)	-
		Francisco L.R. Castro, Jr.	-
		Concepcion I. Tanglao	-
		Dr. Allan C. Nerves	-
Market Operations	Philippine Electricity Market Corporations (PEMC)	Isidro E. Cacho, Jr.	Edwin N. Mosa
System Operations	National Grid Corporation of the Philippines (NGCP)	Ambrocio R. Rosales	Ermelindo R. Bugaoisan, Jr.
Generation	SMC Global Power	Jose Ferlino P. Raymundo	Jinky Rose L. Go
	Power Assets & Liabilities Management (PSALM) Corporation	Joselyn D. Carabuena	-
	1590 Energy Corporation	Theo C. Sunico	Aris V. Policarpio
Distribution	PDU – Manila Electric Company (MERALCO)	Ciprinilo C. Meneses	Ryan S. Morales
	PDU – Mactan Electric Company (MECO)	Gilbert A. Pagobo	Juanito O. Tolentino, Jr.
	EC – IlocosNorte Electric Cooperative (INEC)	Jose P. Santos	Roy Rosario F. Alimbuyuguen
	EC – Antique Electric Cooperative (ANTECO)	Ludovico D. Lim	-
Supply	TeaM (Philippines) Energy Corporation	Lorreto H. Rivera	Ernesto N. Padilla, Jr.
Observers	Department of Energy (DOE)	Usec. Mylene C. Capongcol	Ferdinand B. Binondo LuningningBaltazar
	Energy Regulatory Commission (ERC)	Atty. Debora T. Layugan	-

RCC- REP-16-01

ANNEX B: Status of the 2016 RCC Work Plan

Item	Proposed Amendment	RCC Target	Deliverables	Responsible Party	Status	Remarks
I. Proposed Amendment Approved by the RCC and the PEM Board, and/or the DOE						
1	Proposed Amendments to the WESM Rules and Technical Committee Manual Issue 1.0	1st Quarter	WESM Rules and Market Manual	Technical Committee	DONE	• Approved by the RCC on 13 January 2016 and endorsed to the PEM Board through RCC-RESO-16-01; Approved by the DOE on 12 April 2016 through DOE Department Circular No. DC2016-04-0003.
2	Proposed Amendments to the WESM Rules Chapter on Intervention and Suspension	1st Quarter	WESM Rules	NGCP-SO	DONE	• Carry-over from 2015; approved by the RCC on 03 March 2016 RCC Meeting and endorsed to the PEM Board through RCC-RESO-16-02
3	Proposed Amendments to the System Security and Reliability Guidelines Manual	1st Quarter	WESM Manual	NGCP-SO	DONE	• Carry-over from 2015; approved by the RCC on 03 March 2016 RCC Meeting and endorsed to the PEM Board through RCC-RESO-16-03
4	Proposed Amendments to the Manual on Emergency Procedures	1st Quarter	WESM Manual	NGCP-SO	DONE	• Carry-over from 2015; approved by the RCC on 03 March 2016 RCC Meeting and endorsed to the PEM Board through RCC-RESO-16-04

RCC- REP-16-01

ANNEX B: Status of the 2016 RCC Work Plan

Item	Proposed Amendment	RCC Target	Deliverables	Responsible Party	Status	Remarks
5	Proposed Amendment to the WESM Rules for the Implementation of Enhancements to Market Design and Operations	1st Quarter	WESM Rules	PEMC	DONE	Carry-over from 2015; approved by the RCC on 03 March 2016 RCC Meeting and endorsed to the PEM Board through RCC-RESO-16-05;
6	Proposed Amendment to the WESM Rules and Dispatch Protocol Manual (Market Intervention)	1st Quarter	WESM Rules / Market Manual	Technical Committee	For endorsement to the PEM Board	- Carry-over from 2015; integrated in the Proposed DP Manual Issue 12; - Approved by the RCC on 28 April 2016
7	Proposed Amendment Dispatch Protocol Manual to Address audit findings (Proposed "DPM Issue 12")	1st Quarter	WESM Manual	PEMC / RCC	For endorsement to the PEM Board	- Carry-over from 2015; revised several times and is now referred to as the <i>Proposed Dispatch Protocol Manual Issue 12</i>; - Approved by the RCC on 28 April 2016
8	Proposed Amendment Dispatch Protocol Manual Issue 9.0	1st Quarter	WESM Manual	PEMC	For endorsement to the PEM Board	Submitted by PEMC to the RCC in December 2014. The RCC incorporated additional amendments to reflect the payment

RCC- REP-16-01

ANNEX B: Status of the 2016 RCC Work Plan

Item	Proposed Amendment	RCC Target	Deliverables	Responsible Party	Status	Remarks
						for plants on Commissioning and Testing. - During the 99th RCC Meeting, the RCC instructed the MO to revise the Proposal according to the agreements during the discussions, including the procedure on how the SO utilizes the WMOT provided by the MO, and likewise, to reflect the proposed amendments in the current version of the Manual (Issue 11); reflected in the Issue 12 of the Manual - Reposted as Proposed Dispatch Protocol Manual Issue 12, for comments. - Approved by the RCC on 28 April 2016
9	Proposed Amendment to the WESM Rules and Manuals on MRU-MSU and APDM	1 st Quarter	WESM Rules / WESM Manual	APC / RCC	For endorsement to the PEM Board	- Carry-over from 2015; For revision by APC - Awaited comments from PSALM and received the same on 27 April 2016

RCC- REP-16-01

ANNEX B: Status of the 2016 RCC Work Plan

Item	Proposed Amendment	RCC Target	Deliverables	Responsible Party	Status	Remarks
						Deliberated and approved by the RCC on 01 June 2016
10	Proposed Amendments to WESM Manuals for the Implementation of Preferential Dispatch, FIT-All Collection and Non-Expiration of Standing Submission in the WESM	1 st Quarter	WESM Manuals	PEMC	For endorsement to the PEM Board	- In compliance with DOE directive for PEMC to submit proposed amendments to relevant rules provision and market manuals for the implementation of preferential dispatch - Presented to the RCC on 03 Mar 2016; posted for comments (deadline of comments on 26 Apr 2016) - Approved by the RCC on 01 June 2016
II. Ongoing Proposals						
1	Proposed Amendments to the WESM Rules on the Submission of Offers of Battery Energy Storage Systems	1 st Q	WESM Rules	AES	Withdrawn	- Per ERC/GMC, for consideration in the revisions of the PGC. - For discussion at the RCC Sub-Committee, as agreed during the 106th RCC meeting in November 2015, following ERC's issuance of Resolution No. 09, Series of 2015 Withdrawn as agreed during the 12 Jan 2016 RCC-Sub-Committee Meeting

RCC- REP-16-01

ANNEX B: Status of the 2016 RCC Work Plan

Item	Proposed Amendment	RCC Target	Deliverables	Responsible Party	Status	Remarks
2	Proposed Amendment to the WESM Rules on Cogeneration	1 st Q	WESM Rules	Petron / RCC Sub-Committee	For endorsement to the PEM Board	- Carry-over from 2015; discussed during the 12 Jan 2016 RCC Sub-Committee Meeting, RCC Sub-Committee to submit a counter-proposal amending the DP Manual to add definitions related to co-gen and its maximum available capacity; for deliberation - Incorporated into the Proposed Amendments to the Dispatch Protocol Manual ("Issue 12")
3	Proposed Amendments to the WESM Rules on Bilateral Contract Quantity Declaration and Line Rental Calculation	2nd Quarter	WESM Rules	PEMC	Ongoing	Ongoing deliberations (as of 27 April 2016)
4	Proposed Amendments to the WESM Metering Standards and Procedures	2nd Quarter	WESM Manual	PEMC	Ongoing	- Ongoing deliberations - Awaiting for NGCP-SO comments (as of 01 June 2016)
5	Proposed Amendments to the WESM Manual on Management of Net Settlement Surplus	2nd Quarter	WESM Manuals	PEMC	Ongoing	- Presented to the RCC on 03 Mar 2016, posted for comments (deadline of comments on 26 April 2016) - for RCC deliberation

RCC- REP-16-01

ANNEX B: Status of the 2016 RCC Work Plan

Item	Proposed Amendment	RCC Target	Deliverables	Responsible Party	Status	Remarks
6	Proposed Amendment to the WESM Rules and Market Manual on Billing and Settlement	2nd Quarter	WESM Rules/WESM Manual	APC/RCC	Ongoing	- Ongoing deliberations - Awaiting for BIR's approval on the proposed invoicing format (as of 01 June 2016)
7	Proposed Amendments to the Guidelines Governing the Composition of PEM Committees	2nd Quarter	WESM Manual	Technical Committee	Ongoing	- Presented to the RCC during its 115th meeting (01 June 2016) - Posted to solicit comments (03 June 2016)
8	Proposed Amendments to the WESM Market Manuals on Price Determination Methodology and Constraint Violation Coefficients related to the WESM Design Enhancements	2nd Quarter	WESM Manual	PEMC	Ongoing	- Presented to the RCC during its 115th meeting (01 June 2016) - Posted to solicit comments (03 June 2016)
III. Others						
1	Proposed Amendments to the WESM Metering Manual regarding Site-Specific Loss Adjustment	Q1 2016	WESM Manual	DU Sector / INEC	Disapproved	Agreement between the PEMC-BSMD and the DU's about the provision of certification of site specific losses, upon request, has

RCC- REP-16-01

ANNEX B: Status of the 2016 RCC Work Plan

Item	Proposed Amendment	RCC Target	Deliverables	Responsible Party	Status	Remarks
						been settled during the RCC's 115 th regular meeting.
2	Proposed Amendment to Retail Rules on Retail Disconnection	-	Retail Rules / Market Manual	RESA	Deferred	- Approved by the RCC on 02 September 2015 through RCC-RESO-2015-13 - Remanded during the BRC meeting held on 21 September 2015, for further review of RCC - RESA requested for deferment of further discussions on the matter pending the results of discussions between ERC and RESA - Per Supply sector/RESA representative, the matter has yet to be decided during the RESA's planning sometime in December 2015 or 1st Q 2016. It has yet to be decided whether it will push through with the amendment to the Rules or re-route it to the ERC.
3	Proposed Amendments to Wholesale Metering Manual	-	WESM Rules and Market Manual	PEMC / WESM-TC	Ongoing	- Carry-over from 2014 - RCC decision was deferred awaiting the results of Metering Review - Per latest information from the RCC Secretariat during the

RCC- REP-16-01

ANNEX B: Status of the 2016 RCC Work Plan

Item	Proposed Amendment	RCC Target	Deliverables	Responsible Party	Status	Remarks
						106th and 107th RCC meeting held on 04 November 2015 and 02 December 2015, the Metering Review Report is still being finalized by the Auditor. • Re-posted in the market website for commenting (03 June 2016)
4	Proposal to Incorporate policies on the reserves market in the WESM Rules	-	WESM Rules	DOE/ PEMC	Pending/ Deferred	• Carry-over from 2014 • Contingent with the ERC's approval of PCRM
5	Proposed Amendments to the Retail Metering Manual	-	Market Manual	MERALCO	Deferred	• Carry-over from 2014 • Submission to PEM Board was deferred awaiting the results of Metering Review. • Per latest information from the RCC Secretariat during the 106th RCC meeting held on 04 November 2015, the Metering Review Report is still being finalized by the Auditor. • To be deliberated with the Proposed Amendments to the WESM Metering Manual (item III(2) above)

RCC- REP-16-01

ANNEX B: Status of the 2016 RCC Work Plan

Item	Proposed Amendment	RCC Target	Deliverables	Responsible Party	Status	Remarks
6	Proposed Amendment to the Administered Price Determination Methodology Manual in relation to Market Intervention and Suspension	-	WESM Manual	PIPPA / SMC Global	Withdrawn	The Generator representatives from PIPPA conveyed during the RCC's 107 th RCC Meeting held on 02 December 2015 and 2016 RCC Planning that PIPPA's position has changed. Thus, PIPPA will submit an entirely new proposal, depending on what will be agreed upon by members of PIPPA. This will be included in generator's pipeline for 2016.
7	Revision in the Line Rental Formula for the Elimination of BCQ (Line Rental formula revision)	-	WESM Manual	DU Sector / INEC	Withdrawn	- Carry-over from 2014 - As conveyed by the DU /EC representative during the RCC planning.
8	Manual on Procedure on Start-Up and Shut-Down (abolition of Manual)	--	Market Manual (abolition)	PEMC	Carry-over	- Manual is already incorporated in the Dispatch Protocol Manual as proposed by PEMC; Manual on Start-up and Shut-down procedure will be proposed for deletion by PEMC upon approval of Proposed Amendment to the Dispatch Protocol Manual (proposed Issue 12) - contingent with the approval of ongoing proposal by PEMC on

RCC- REP-16-01

ANNEX B: Status of the 2016 RCC Work Plan

Item	Proposed Amendment	RCC Target	Deliverables	Responsible Party	Status	Remarks
						Dispatch Protocol Manual (proposed Issue 12)
9	Proposed Amendments to the WESM Consultation Guidelines	2 nd Q	Market Manual	RCC	Carry-over	During the 101st RCC meeting, the RCC agreed to constitute a Sub-Committee to review the Manual and draft the necessary Proposed Amendments
10	Ancillary Services Monitoring Manual	-	Market Manual (abolition)	MO--SO	Deferred	Per MO representative in the RCC, amendment to the ASM Manual will be covered as part of the WESM design. PEMC will propose revisions to the existing manual. However, PEMC foresees that it will be a total overhaul. The old manual will thus effectively be abolished with the development of an entirely different manual. The proposal for the abolition of the Manual will be contingent with the approval of the new Manual on Ancillary Services Monitoring Manual. The old manual is no longer applicable because of the changes to the ASPP and the new MMS, as well

RCC- REP-16-01

ANNEX B: Status of the 2016 RCC Work Plan

Item	Proposed Amendment	RCC Target	Deliverables	Responsible Party	Status	Remarks
						as the GMC revisions on the Grid Code. The WESM Design-TWG deferred submission of proposed amendment to the Manual pending the approval of the ASPP.