Minutes of the 111th Rules Change Committee Special Meeting No. 2016-04	
Meeting Date & Time:	03 March 2016 - 09:00AM to 3:00PM
Meeting Venue:	9/F Training Rooms 2&3,Robinsons Equitable Tower, Ortigas Center, Pasig City

Attendance List

In-Attendance	Not In-Attendance
Rules Change Committee **Principal Members:** Maila Lourdes G. de Castro, Chairperson--Independent Francisco Leodegario R. Castro, Jr., Member—Independent Joselyn D. Carabuena, Member -- Generation (PSALM) Jose Ferlino P. Raymundo – Generation (SMC Global) Theo Cruz Sunico, Member -- Generation (1590 EC) Jose P. Santos, Member–Distribution (INEC) Ludovico D. Lim, Member – DU (ANTECO) Lorreto H. Rivera, Member --Supply (TPEC) Ambrocio R. Rosales, Member --System Operator (NGCP) Isidro E. Cacho, Jr., Member -- Market Operator (PEMC)	Gilbert A. Pagobo – Distribution (MECO) Ciprinilo C. Meneses – Distribution (MERALCO) Concepcion I. Tanglao, Member–Independent Allan C. Nerves –Independent
PEMC – Market Assessment Group (MAG) Chrysanthus S. Heruela Elaine D. Gonzales Geraldine A. Rodriguez Maria Delia B. Arenos Karen A. Varquez Divine Gayle C. Cruz Aldjon Kenneth M. Yap **PEMC – Legal** Atty. Caryl Miriam Y. Lopez-Mateo **PEMC – TOD** Edward Olmedo	
DOE Observer(s) Ferdinand B. Binondo Lorelei Moya	

There being a quorum Atty. Maila De Castro called the meeting to order at approximately 9:00 in the morning.

The RCC reviewed the proposed agenda and subsequently approved the same as presented.

1. Matters Arising from the Previous Meetings

1.1 Proposed Amendments to the WESM Rules for the Implementation of Enhancements to WESM Design and Operations – with comments from AES, APC, SNAP, TC, NGCP and DOE

The RCC continued with its discussion of the Proposed Amendments to the WESM Rules for the Implementation of Enhancements to WESM Design and Operations. Mr. Isidro Cacho Jr. was again requested by Chairperson, Atty. Maila De Castro to lead the discussion of the remaining amendments to the WESM Rules that have not been taken up by the RCC in yesterday's RCC meeting.

Mr. Cacho continued facilitating a line-by-line discussion of the proposed amendments to the WESM Rules related to the implementation of enhancements to the WESM Design and Operations. The discussion considered the comments received from the NGCP-SO, DOE, APC, AES, SNAP and the Technical Committee, including the response of PEMC to their respective comments. The RCC was informed that the WESM Design Study - Technical Working Group (WDS-TWG) already incorporated in the matrix presented, the changes to some provisions of the proposal in view of the revised WESM Rules adopting preferential dispatch.

Ms. Geraldine Rodriguez informed the RCC that most of the clauses on Chapter 6 on Market Intervention that were included by the NGCP as part of its comments have already been discussed and decided upon by the RCC during the RCC meeting held on 13 January 2016. Thus, Ms. Rodriguez suggested that the RCC tackle only the portions of NGCP's comments on Chapter 6 where PEMC had proposed amendments to, as these were part of the proposed amendments to the WESM Design and Operations. In consideration of the above, the RCC agreed to tackle only the provisions which were proposed for amendment by PEMC, and commented on by NGCP, having noted that NGCP's comments on Chapter 6 (Market Intervention and Suspension) have already been discussed. The RCC noted to re-discuss this proposal alongside the comments of MERALCO and the Technical Committee.

The RCC directed the WDS-TWG to draft appropriate additions, if any, to the Transitory Provisions clause in the WESM Rules, reflecting the eventual changes to the WESM design and operations emanating from the DOE DC2015-10-0015. The WDS-TWG

agreed to submit to the body through e-mail, draft changes to said clause within three (3) working days, for the review and approval of the RCC.

As a result of the deliberations during their 110th and 111th Meeting on 02 and 03 March 2016, respectively, the RCC adopted the following significant changes to the WESM design and operations:

a) 5-minute trading and dispatch interval (for both energy and reserves).

(The System Operator reiterated that its reservations in adopting the 5-minute dispatch interval for reserves as this cannot be actually implementable given the NGCP's limitations.)

b) Hour-ahead projection (performed every 5-minutes covering the next twelve 5-minute intervals in an hour)
c) Ex-ante pricing only (due to the 5-minute dispatch interval)
d) Hourly settlement interval based on the weighted-MW average of the 5-minute nodal dispatch prices (to be consistent with the sole ex-ante pricing)
e) Development of dispatch conformance standards (with separate standards for energy and reserves).

(The System Operator, emphasized that the dispatch conformance standards cannot be applied for reserves implementation since the same is only applicable to energy compliance.)

f) Automatic pricing re-runs for automatic management of constraint violations

The RCC agreed to endorse the Proposed Amendments, as revised, to the PEM Board in time for the March 2016 PEM Board Meeting. Accordingly, as suggested by the DOE, the RCC will inform the BRC and the PEM Board that there are other on-going proposals that are separate but relevant to the enhancements of the WESM Design (i.e., BCQ declaration, settlement formula, line rental calculation). Mr. Ferdinand Binondo also suggested to incorporate these related proposals to the WESM Design proposal for the smooth promulgation of the WESM Rules amendments regarding the new MMS. He also reminded that the proposal be aligned with the updated version of the WESM Rules, which clerical revisions to were confirmed by the RCC previously.

Please refer to the attached Annex A for the complete account of the RCC discussions and agreements on the remainder of the proposal as discussed.

[redacted]

Agreement/ Action Plans:

a. The RCC approved the Proposed Amendments to the WESM Rules for the Implementation of Enhancements to WESM Design for transmittal to the PEM Board;
b. The Transitory Provision was assigned to be checked and, in case needed, be amended by the Market Operator in order for the same to be aligned with the proposed amendments to the WESM Rules.
c. The Secretariat was asked to align the proposal with the most recent version of the WESM Rules as updated, considering the most recent changes involving clerical corrections as confirmed by the RCC previously.

1.2 Finalization of NGCP's Proposed Amendments to the:

- **WESM Rules Chapter 6 – Suspension and Market Intervention**

The RCC discussed the Technical Committee's Proposed Amendments to Chapter 6 (Market Intervention and Suspension) of the WESM Rules, including MERALCO's comments to the same. The discussion took off from the RCC-approved version of NGCP's proposed amendments to Chapter 6 as already deliberated by the body during its 108th Regular Meeting on 13 January 2016.

Atty. De Castro asked Mr. Ambrocio Rosales to lead the discussion of Technical Committee's amendments to Chapter 6 of the WESM Rules. The said TC's amendments generally changed the term "intervention" to "Market Intervention".

Mr. Jose Ferlino P. Raymundo suggested the revision of a section title from "Administered Pricing Cap" to "Administered Pricing", which the RCC accordingly accepted. The RCC adopted most of the TC's proposed clerical corrections and enhancements to be incorporated into the approved version deliberated upon on 13 January 2016.

Upon the suggestion of the DOE, the RCC instructed the Secretariat to finalize the RCC-approved amendments to the WESM Rules on Market Intervention and Suspension (Chapter 6), incorporating the following:

i. RCC-approved amendments to the WESM Rules on WESM Design and Operations; and

ii. changes made to the WESM Rules arising from clerical corrections, as previously confirmed by the RCC finalization of its approval.

- **System Security and Reliability Guidelines**

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The RCC likewise finalized the previously-approved manuals on Emergency Procedures and System Security and Reliability Guidelines, as already discussed during the 109th Regular Meeting on 03 February 2016.

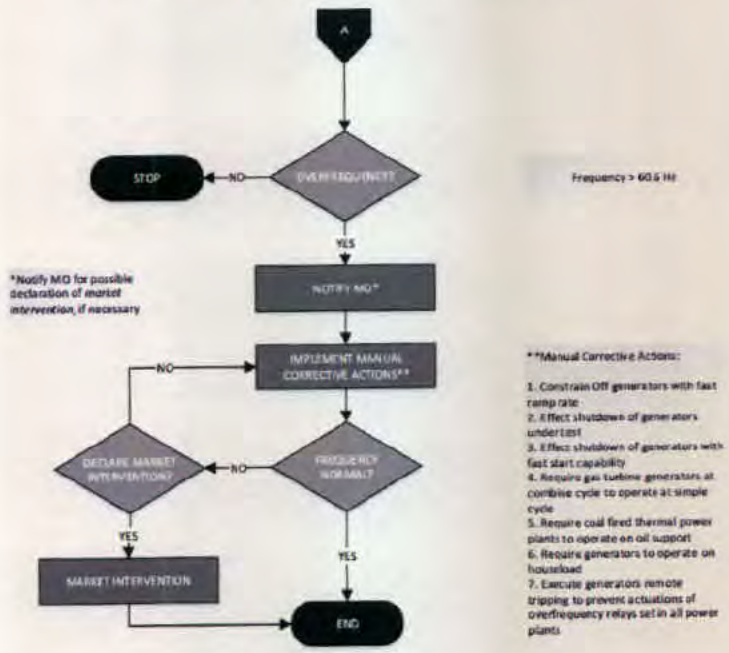
Mr. Rosales suggested that the definition of SIPS be adopted from the Emergency Procedure Manual rather than the previously-approved definition for this manual to remain consistent with the proposals. The RCC subsequently finalized the amendments as revised.

- **Emergency Procedures Manual**

Mr. Rosales clarified with the RCC the structure of the flow charts in the Emergency Procedures Manual and proceeded to review and amend the same as appropriate.

During the discussion of said flow charts, a query was raised regarding the declaration of the market intervention. Atty. Caryl Mateo clarified if market intervention shall already be declared after manual corrective actions have been applied, as the flow chart seems to indicate so. Mr. Rosales answered that it is not yet necessary to declare the market intervention since the enumerated action may still solve the frequency deviation of the system. The flow chart was thus revised in order to reflect that upon implementing manual corrective actions and the need to declare Market Intervention arises, the System Operator may already declare a market intervention.

(Fig. 1). *Procedures during Excess Generation*



Agreement/ Action Plan:

- The RCC Approved, for transmittal to the PEM Board, Proposed Amendments to Chapter 6 of the WESM Rules, the System Security and Reliability Guidelines and the Manual on Emergency Procedures in time for the March 2016 PEM Board Meeting.

1.3 Proposed Amendments to the WESM Manuals for the Implementation of Preferential Dispatch, FIT-All Collection and Non-Expiration of Standing Submissions in the WESM

a) **Billing and Settlement Manual Issue 4.0**
b) **Dispatch Protocol Issue 11.0**
c) **Guidelines on Significant Variations In and Between Trading Intervals Issue 2.0**
d) **Load Forecasting Methodology Issue 2.0**
e) **Management Procedure on Excess Generation Issue 2.0**
f) **Market Operator Information Disclosure and Confidentiality Manual Issue 3.0**
g) **Metering Standards and Procedures Issue 10.0**
h) **Procedure for Determining Ex-Post Nodal Energy Prices Issue 2.0**
i) **Registration, Suspension and De-Registration Criteria and Procedures Issue 1.0**

Mr. Jonathan Dela Vina presented the summary of the proposed amendments to the manuals as enumerated above which will similarly be affected by the implementation of the Preferential Dispatch arising from the DOE's approval of the amendments to the WESM Rules incorporating the Must and Priority Dispatch Generating Units.

Aside from those manuals, Mr. Dela Vina also said that there is also another proposed additional WESM Manual entitled "Forecast Accuracy Standards for Must Dispatch Generating Units" which aims to:

- Establish the responsibilities of the different WESM members
- Present the forecast accuracy standards indicated in the Philippine Grid Code (PGC)
- Specify the formulae and procedures in determining the forecasting accuracy of must dispatch generating units
- Provide the procedures for monitoring, reporting, and review of the Forecast Accuracy Standards
- Describe the transition period in the implementation of the forecast accuracy standards for must dispatch generating units

Noting the lack of quorum, as some members earlier present have requested to leave due to other commitments, Atty. De Castro instructed the Secretariat to transmit the proposed amendments to the RCC through e-mail to request from the rest of the Committee members their approval for posting.

Agreement/ Action Plan:

- Atty. Maila De Castro requested the secretariat to send the presentation to the RCC members immediately for their decision on the posting of the proposal for comments,

1.4 Proposed Amendments to the WESM Manual on Management of Net Settlement Surplus

Mr. Dela Vina then discussed the proposal to the WESM Manual which seeks to improve processes by the addition of two (2) sections:

1. Section 5.3.4
   - To specify the formula for calculating the line loss and congestion charges (LLCC) payments of trading participants.

Participant	Current Implementation	Proposed
Load	$LLCP_{RTD} \times EAQ + LLCP_{RTX} \times (MQ - EAQ)$	$LLCP_{RTD} \times (EAQ - BCQ) + LLCP_{RTX} \times (MQ - EAQ)$ + Line Rental
Generator	$LLCP_{RTD} \times EAQ + LLCP_{RTX} \times (MQ - EAQ)$	$LLCP_{RTD} \times (EAQ - BCQ) + LLCP_{RTX} \times (MQ - EAQ)$

   - The proposed formula is based on the current implementation but with consideration of bilateral contracts.
   - Indicate the formula for calculating LLCC in the NSS Manual with consideration of bilateral contract declarations.

2. Section 5.3.5
   - Specify the formula for calculating the line loss and congestion price (LLCP) of trading participants

Parameter	Current	Proposed
Line Loss and Congestion Price (LLCP)	LMP - $MCP_{Highest}$	LMP - MCP_{Lowest}

- The proposed formula changes the reference price from the $MCP_{Highest}$ to MCP_{Lowest}.
- Indicate the formula for calculating LLCP in the NSS Manual using MCP_{Lowest} as the reference price.

Similarly, due to a lack of quorum, Atty. De Castro instructed the Secretariat to transmit the proposed amendments to the RCC through e-mail to request from the rest of the Committee members their approval for posting.

Agreement/ Action Plan:

- Atty. Maila De Castro requested the secretariat to send the presentation to the RCC members for their decision on posting of the proposal for comments, immediately.

2. Next Meeting

The RCC re-set its Regular Meeting No. 2016-05, normally scheduled on the first Wednesday of each month, i.e. 6 April 2016, to **30 March 2016, Wednesday @ 9 AM**.

3. Adjournment

Due to time constraints, the other matters in the agenda, namely the following:

a. Proposed Amendments to the Dispatch Protocol Manual Issue 11:

1) Proposal from PEMC (Proposed Issue 12) – with comments from NGCP, MERALCO, Vivant, TC and North Luzon Renewables

2) Proposal from Technical Committee – with comments from PEMC and MERALCO

3) From RCC Sub-Committee regarding Co-generation Facilities; and
4) From RCC regarding New Dispatch Tolerance Standards

b. Status of RCC Activities for 1st Quarter 2016

The above were deferred for discussion in the next meeting. The meeting was adjourned at 4:00 PM.

Prepared By:	Reviewed By:	Noted By:
[redacted]	[redacted]	[redacted]
Aldjon Kenneth M. Yap	**Geraldine A. Rodriguez**	**Elaine P. Gonzales**
***Analyst** – Market Governance Administration Unit*	***Assistant Manager** – Market Governance Administration Unit*	***Manager** – Market Data and Analysis Division*
Market Assessment Group	***Market Assessment Group***	***Market Assessment Group***

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Approved by: RULES CHANGE COMMITTEE [redacted] **Maila Lourdes G. de Castro** Chairperson Independent	
Members:	
Concepcion I. Tanglao Independent	[redacted] **Francisco L.R. Castro, Jr.** Independent
Allan C. Nerves Independent	[redacted] **Isidro E. Cacho, Jr.** Market Operator Philippine Electricity Market Corporation (PEMC)
[redacted] **Ambrocio R. Rosales** Transmission Sector National Grid Corporation of the Philippines (NGCP)	[redacted] **Joselyn D. Carabuena** Generation Sector Power Sector Assets and Liabilities Management Corporation (PSALM)
[redacted] **Jose Ferlino P. Raymundo** Generation Sector SMC Global	[redacted] **Theo C. Sunico** Generation Sector Vivant Corporation
Ciprinilo C. Meneses Distribution Sector (PDU) Manila Electric Company (MERALCO)	[redacted] **Jose P. Santos** Distribution Sector (EC) Ilocos Norte Electric Cooperative, Inc. (INEC)
Gilbert A. Pagobo Distribution Sector Mactan Electric Company (MECO)	[redacted] **Ludovico D. Lim** Distribution Sector Antique Electric Cooperative, Inc. (ANTECO)
[redacted] **Loreto H. Rivera** Supply Sector TeaM (Philippines) Energy Corporation (TPEC)	Certified True and Correct: **Elaine D. Gonzales** RCC Secretary PEMC

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Philippine Electricity Market Corporation

Annex A – 111th RCC Minutes

RCC discussions on Proposed Amendments to the WESM Rules on Implementation of Enhancement to the WESM Design and Operations

Title	Section	Provision	Proposed Amendment	RCC Discussions (03 March 2016)	Proposed Amendment (RCC)	Rationale
Market Operator Advice on Load Shedding	3.9.1	**Direction to Conduct Load Shedding** The *System Operator* may direct a *WESM member* to conduct *load shedding* in response to: *(a)* An overall shortage of demand *energy* at a *node* or in a region in the *market network model*; or (b) Other *network conditions*, as determined by the *System operator* in accordance with the proceduresestablished under the *Grid Code and Distribution Code*.		Mr. Rosales explained that NGCP proposed an amendment to this section to emphasize the criteria for load shedding. The RCC adopted the NGCP proposal	**Direction to Conduct Load Shedding** The System Operator may direct a WESM member to conduct load shedding in response to: (a) An overall shortage of **supply capacity to meet the** demand ~~energy at a node or~~ in a region **as specified by the System Operator ~~in the market network~~ model**; or1 (b) Other network conditions, as determined by the System operator **in** accordance with the **security and reliability guidelines and or as ~~procedures~~** established under the Grid Code and Distribution Code.	For clarity and enhancement
	3.9.2	In the event that: (a) Day ahead projections performed under clause 3.7; or (b) Dispatch optimization performed under clause	In the event that: (a) Day ahead projections performed under clause 3.7; or (b) Dispatch optimization performed under clause 3.8, indicate that nodal **loads are**	For consistency with earlier revisions noting the difference between loss of load and load shedding, the System Operator proposed to amend this provision replacing Load Shedding with Nodal Loss of Load.	**Market Operator Advice on ~~Load Shedding~~ Nodal Loss of Load** In the event that: (a) *Day ahead projections* performed under clause 3.7; or (b) *Dispatch optimization* performed under clause 3.8 indicates that nodal **loads are expected to be**	Clarify content of MO's advice to SO on load shedding

Title	Section	Provision	Proposed Amendment	RCC Discussions (03 March 2016)	Proposed Amendment (RCC)	Rationale
		3.8,indicate that nodal energy prices are expected to be equal to, or exceed, nodal VoLL at any customer nodes in the market network model, then the Market Operator shall immediately inform the System operator of the likelihood of initiating load shedding at those nodes.	**expected to be shed by the presence of non-zero nodal energy constraint violations variables or nodal** energy **dispatch** prices **which** are expected to be equal to, or exceed, nodal VoLL at any customer **market trading** nodes in the market network model, then the Market Operator shall immediately inform the System operator of the likelihood of initiating load shedding at those nodes.	Similarly, the same change was effected in the last part of the sentence	**reduced by the presence of non-zero nodal energy constraint violations variables or nodal** *energy* ***dispatch*** *prices* **which** are expected to be equal to, or exceed, *nodal VoLL* at any *customer* ***market trading*** *nodes* in the *market network model*, then the *Market Operator* shall immediately inform the *System operator* **of the presence of nodal loss of load. ~~of the likelihood of initiating *load shedding* at those nodes.~~**	
	3.9.3	**System operator Responsibility to Initiate Load Shedding** The *System Operator*: (a) Shall, If advised by the Market *Operator* under clause 3.9.2, , consider the need to initiate *load shedding*, at those nodes, or at other nodes, after taking account of the *load shedding* targets from the relevant *dispatch optimization*, and any other considerations which the *System operator* considers relevant under the *Grid Code and Distribution Code* and any other		The proposal by NGCP intends to reference the clause with the system security and reliability guidelines. The RCC took note that there is a difference between "inform" and "advise" as further expounded by Mr. Binondo and Mr. Castro. With this, the RCC has agreed to use the term "inform". The NGCP proposed amendment to this clause was approved by the RCC as amended.	The *System Operator*: (a) Shall, If **informed** ~~advised~~ by the Market *Operator* under clause 3.9.2, , ~~consider the need to initiate *load shedding*, at those nodes, or at other nodes, after taking account of the *load shedding* targets from the relevant *dispatch optimization*,~~ **act immediately in accordance to the security and reliability guidelines to mitigate the effects of the presence of the nodal Loss of load** and **or** any other considerations which the *System operator* considers relevant under the *Grid Code and Distribution Code* and any other	For clarity

Title	Section	Provision	Proposed Amendment	RCC Discussions (03 March 2016)	Proposed Amendment (RCC)	Rationale
		applicable regulatory instrument; and (b) May initiate *load shedding* in response to any other circumstances which it reasonably considers necessitates such action under the *Grid Code and Distribution Code* or any other applicable regulatory instrument.			applicable regulatory instrument; and (b) **~~May~~ Shall** initiate *load shedding* in response to any other circumstances which it reasonably considers necessitates such action under the *Grid Code and Distribution Code* or any other applicable regulatory instrument.	
Advising of Load Shedding	3.9.4	If it is anticipated that load shedding will occur in a trading interval, the System operator shall, as soon as possible, advise its load shedding plans to: xxx	If it is anticipated that *load shedding* will occur in a *dispatch interval* ***during the hour ahead period,*** **the***System operator* shall, as soon as possible, advise its *load shedding* plans to: (a) The *Market Operator*; and (b) *WESM members* who are likely to bedirectly affected by such *load shedding.*	The RCC adopted the PEMC proposal as amended.	If it is anticipated that load shedding will occur in a ~~trading~~ **dispatch** interval ***during the one (1) hour interval*** **the***System operator* shall, as soon as possible, advise its *load shedding* plans to: (a) The *Market Operator*; and (b) *WESM members* who are likely to be directly affected by such *load shedding.*	For clarity
Revising Forecasts	3.9.5	If advised by the System operator of the likelihood of load shedding in any trading interval under clause 3.9.4, the Market Operator shall, as soon as possible: (a) If practical within the time frame remaining before the start of that trading interval, revise	If advised by the System operator of the likelihood of load shedding in any ~~trading~~ **dispatch** interval under clause 3.9.4, the Market Operator shall, as soon as possible: (a) If practical within the time frame remaining before the start of that ~~trading~~ **dispatch** interval, revise the load forecasts to be used to	The RCC adopted the PEMC proposal.	If advised by the System operator of the likelihood of load shedding in any ~~trading~~ **dispatch** interval under clause 3.9.4, the Market Operator shall, as soon as possible: (a) If practical within the time frame remaining before the start of that ~~trading~~ **dispatch** interval, revise the load forecasts to be used to determine the dispatch schedule for that ~~trading~~ **dispatch** interval in accordance with	Consistent with the proposed amendment in clause 3.1 on the implementation of dispatch interval.

Title	Section	Provision	Proposed Amendment	RCC Discussions (03 March 2016)	Proposed Amendment (RCC)	Rationale
		the load forecasts to be used to determine the dispatch schedule for that trading interval in accordance with clause 3.5.4.4, to account for those load shedding plans; and xxx	determine the dispatch schedule for that ~~trading~~ **dispatch** interval in accordance with clause 3.5.4.4, to account for those load shedding plans; and xxx		clause 3.5.4.4, to account for those load shedding plans; and xxx	
	3.9.7	**Management of Load Shedding** The *System operator* and the *Market Operator* shall manage all aspects of *dispatch* and *pricing* during periods when *load shedding* is required in accordance with the detailed procedures to be developed by the *System operator* and the *Market Operator,* in consultation with *WESM Participants*, and subject to approval by the *PEM Board*, consistent with the *Grid Code and Distribution Code*		The NGCP proposal to this clause was revised in consideration of the respective roles of the SO and the MO. The RCC agreed with the change indicating that the detailed procedures are to be developed by the SO, the MO and the WESM Participants. Sa Above changes to the NGCP proposed change to this clause were thus approved by the RCC.	The System Operator~~and the Market Operator~~ shall manage all aspects of ~~dispatch and pricing~~**dispatching while the Market Operator shall manage pricing** during periods when load shedding is required in accordance with the detailed procedures to be developed by the System operator and the Market Operator~~, in consultation~~ with WESM Participants, and subject to approval by the PEM Board, consistent with the Grid Code and Distribution Code	For clarity
Management Procedures for Excess Generation	3.9.8.1	Should either the Dispatch Optimization, or any *Market Projection*, indicate *Excess Generation* at any		The NGCP proposal to this clause was agreed to be deleted by the RCC since this is already covered by the Emergency Procedure Manual.		

Title	Section	Provision	Proposed Amendment	RCC Discussions (03 March 2016)	Proposed Amendment (RCC)	Rationale
		Node, the *Market Operator* shall advise the *System Operator* that it may be necessary to require some *Generating Systems* to shut down.				
	3.9.8.2	Where necessary to shut down Generating Systems under Clause 3.9.8.1, the System Operator and the Market Operator shall manage all aspects of Dispatch and pricing in accordance with the procedures to be developed by the System Operator and the Market Operator, in consultation with WESM Participants, and subject to approval by the PEM Board. The procedures shall also take into account the occurrence of excess generation during a trading interval when the System Operator has exhausted its Ancillary Services to address the excess generation.	Where necessary to shut down Generating Systems under clause 3.9.8.1, the System Operator and the Market Operator shall manage all aspects of Dispatch and pricing in accordance with the procedures to be developed by the System Operator and the Market Operator, in consultation with WESM Participants, and subject to approval by the PEM Board. The procedures shall also take into account the occurrence of excess generation during a ~~trading~~ **dispatch** interval when the System Operator has exhausted its Ancillary Services to address the excess generation.	The System Operator's proposal was adopted by the RCC as amended.	Where necessary to shut down *Generating Systems* under Clause 3.9.8.1, the System Operator~~and the Market Operator~~ shall manage all aspects of ~~dispatch and pricing~~**dispatching while the Market Operator shall manage pricing** in accordance with the procedures to be developed by the ~~***System Operator and the***~~*Market Operator*, in consultation with **System Operator and***WESM Participants*, and subject to approval by the *PEM Board*. The procedures shall also take into account the occurrence of *excess generation* during **hour ahead projection and/or** real time *dispatch run* when the *System Operator* has exhausted all **mitigating measures**~~***its Ancillary Services***~~ to address the *excess generation*.	Consistent with the proposed amendment in clause 3.1 on the implementation of dispatch interval. Clarify SO and MO responsibilities during periods with excess generation.
	3.9.8.3	During a Trading Interval, if Excess Generation is imminent or is detected	During a ~~Trading~~ **dispatch** Interval, if Excess Generation is imminent or is detected in	The Market and System Operator's proposals were duly	During **the hour ahead projection and/or***dispatch* Trading *interval*, if *Excess Generation* is imminent or is	Consistent with the proposed amendment in

Title	Section	Provision	Proposed Amendment	RCC Discussions (03 March 2016)	Proposed Amendment (RCC)	Rationale
		in the Power System by the System Operator in accordance with the Grid Code and it is established that the Excess Generation is being caused by a Generating System that is not following its dispatch schedule or observing a linear ramp rate, then the Generation Company representing the Generating System in the market may be liable of a sanction under Clause 7.2. xxx	the Power System by the System Operator in accordance with the Grid Code and it is established that the Excess Generation is being caused by a Generating System that is not following its dispatch schedule or observing a linear ramp rate, then the Generation Company representing the Generating System in the market may be liable of a sanction under Clause 7.2. xxx	considered by the RCC to cover their respective concerns.	detected in the *Power System* by the **Market Operator or** *System Operator* in accordance with the *Grid Code*~~, and it is established that~~**then** the *Excess Generation* ***procedure shall be applied.*** **If the excess generation** is being caused by a *Generating System* that is not following its dispatch schedule or observing a linear *ramp rate*, then the *Generation Company* representing the *Generating System* in the market **mayshall** be liable of a sanction under Clause 7.2. The *Generation Company* representing the *Generating System* that is not following its *Dispatch Schedule* or observing linear *ramp rate*, **shall be tagged as Must Stop Unit and**~~however,~~shall compensate other *Generation System* that has been constrained-off by the *System Operator*. Such conditions shall also be considered in the procedures to be developed under Clause 3.9.8.2.	clause 3.1 on the implementation of dispatch interval. Clarify SO and MO responsibilities, and Trading Participants' liabilities when not complying with dispatch instructions during periods with excess generation.
Management Procedures for Reserve Violation	3.9.9	3.9.9.1 Should either the dispatch optimization or any market projection indicate a violation of a reserve requirement, the Market Operator shall: (a) Promptly advise the System operator that it may be necessary to reduce the level of the reserve requirement. (b) Reduce the reserve	3.9.9.1 Should either the dispatch optimization or any market projection indicate a violation of a reserve requirement, the Market Operator shall: (a) Promptly advise the System operator that it may be necessary to reduce the level of the reserve requirement. (b) Reduce the reserve requirement by the minimum	Mr. Rosales expressed that the suggestion from NGCP for the deletion of this clause arose because the said clause was no longer necessary. Mr. Cacho Jr. answered that this clause serves a guide in terms of pricing issues. The RCC then agreed to revise the clause to indicate that MO merely informs the System Operator about the	3.9.9.1 Should either the dispatch optimization or any market projection indicate a violation of a reserve requirement, the Market Operator shall: (a) Promptly ~~advise~~**inform** the System operator that ~~it may be necessary to reduce the level of the~~**there is a reduction in** reserve requirement. (b) Reduce the reserve requirement by the minimum amount to a level that prevents a violation of that	Deletion of unnecessary clause. Addition of reportorial requirement, per DOE comment.

Title	Section	Provision	Proposed Amendment	RCC Discussions (03 March 2016)	Proposed Amendment (RCC)	Rationale
		requirement by the minimum amount to a level that prevents a violation of that requirement. (c) Solve the market dispatch optimization model with the reduced reserve requirement. 3.9.9.2 The prices determined in clauses 3.10.2, 3.10.6 and 3.10.10 will be derived from the solution of the market dispatch optimization model provided for in clause 3.9.9.1 (c)	amount to a level that prevents a violation of that requirement. (c) Solve the market dispatch optimization model with the reduced reserve requirement. ~~3.9.9.2 The prices determined in clauses 3.10.2, 3.10.6 and 3.10.10 will be derived from the solution of the market dispatch optimization model provided for in clause 3.9.9.1 (c)~~	reduction in the reserve requirement. The RCC also also accepted the DOE's proposed change to clause 3.9.9.2	requirement. (c) Solve the market dispatch optimization model with the reduced reserve requirement. **3.9.9.2** ~~The prices determined in clauses 3.10.2, 3.10.6 and 3.10.10 will be derived from the solution of the market dispatch optimization model provided for in clause 3.9.9.1~~ **~~(c)~~Thereafter, the Market Operator shall provide a regular report to the PEM Board, the DOE and ERC regarding the violation of the reserve requirement.**	
Calculation of Prices	3.10.1	For each trading interval, the Market Operator shall calculate, and publish in accordance with the timetable: (a) Ex-ante nodal energy prices in accordance with clause 3.10.2; (b) Ex-ante zonal energy prices in accordance with clause 3.10.3; (c) Ex-post nodal energy prices in accordance with clause 3.10.6; (d) Ex-post zonal energy prices in accordance with clause 3.10.8; and	For each ~~trading~~ **dispatch** interval, the Market Operator shall calculate, and publish in accordance with the timetable: (a) Ex-ante nodal energy **dispatch** prices in accordance with clause 3.10.2; (b) Ex-ante zonal energy prices in accordance with clause 3.10.3; ~~(c)Ex-post nodal energy prices in accordance with clause 3.10.6;~~ ~~(d) Ex-post zonal energy prices in accordance with clause 3.10.8; and~~ ~~(e)~~**(c)** When applicable, ~~zonal~~	RCC adopted the PEMC proposal.	For each ~~trading~~ **dispatch** interval, the Market Operator shall calculate, and publish in accordance with the timetable: (a) Ex-ante nodal energy **dispatch** prices in accordance with clause 3.10.2; (b) Ex-ante zonal energy prices in accordance with clause 3.10.3; ~~(c)Ex-post nodal energy prices in accordance with clause 3.10.6;~~ ~~(d) Ex-post zonal energy prices in accordance with clause 3.10.8; and~~ ~~(e)~~**(c)** When applicable, ~~zonal~~ reserve prices in accordance with clause ~~3.10.10~~**3.10.7**.	• With the implementation of the 5-minute dispatch interval, it is also being proposed for the WESM to adapt an ex-ante only pricing, with settlements being based on ex-ante prices and actual measured outcomes; and the ex-ante schedules would not be used in

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		(e) When applicable, zonal reserve prices in accordance with clause 3.10.10.	reserve prices in accordance with clause ~~3.10.10~~**3.10.7**.			market settlements (see clause 3.14). The next 5-minute ex-ante price is expected to be similar with the ex-post price for the previous 5-minutes, since it will be based on current information about loads, available units and other system conditions, only they are forward-looking to the next dispatch interval, rather than back 5-minutes. • Consistent with the proposed amendment in clause 3.1 on the implementation of dispatch interval. • Renumbering
Determination of Ex-Ante Nodal Energy Price	3.10.2	Determination of Ex-Ante Nodal Energy Price The ex-ante nodal energy price for each market trading node in	Determination of Ex-Ante Nodal Energy **Dispatch** Price The ex-ante nodal energy **dispatch** price for each market ~~trading~~ **dispatch** node	RCC adopted the PEMC proposal.	Determination of Ex-Ante Nodal Energy **Dispatch** Price The ex-ante nodal energy **dispatch** price for each market ~~trading~~ **dispatch** node in any trading interval	• Consistent with the proposed amendments in clause 3.10.1 • Consistent with the proposed

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		any trading interval shall, subject to clause 3.10.5, be determined as the shadow price on the energy balance equation or equivalent mathematical formulation for that market trading node formed in accordance with clause 3.6.1.4 (c), in the dispatch optimization performed for that trading interval in accordance with clause 3.8.1.	in any trading interval shall, subject to clause 3.10.5, be determined as the **ex-ante** shadow price on the energy balance equation or equivalent mathematical formulation for that market trading node formed in accordance with clause 3.6.1.4 (c), in the **market** dispatch optimization performed for that ~~trading~~ **dispatch** interval in accordance with clause 3.8.1.		shall, subject to clause 3.10.5, be determined as the **ex-ante** shadow price on the energy balance equation or equivalent mathematical formulation for that market trading node formed in accordance with clause 3.6.1.4 (c), in the **market** dispatch optimization performed for that ~~trading~~ **dispatch** interval in accordance with clause 3.8.1.	amendment in clause 3.1 on the implementation of dispatch interval. • Renumbering • For clarity
Publishing Ex-Ante Prices According to Timetable	3.10.4	The Market Operator shall publish the ex-ante nodal energy prices and the ex-ante zonal energy prices, prior to the commencement of the trading interval to which they apply in accordance with the timetable.	The Market Operator shall publish the ex-ante nodal energy **dispatch** prices and the ex-ante zonal energy prices, prior to the commencement of the ~~trading~~ **dispatch** interval to which they apply in accordance with the timetable.	RCC adopted the PEMC proposal.	The Market Operator shall publish the ex-ante nodal energy **dispatch** prices and the ex-ante zonal energy prices, prior to the commencement of the ~~trading~~ **dispatch** interval to which they apply in accordance with the timetable.	• Consistent with the proposed amendments in clause 3.10.1 • Consistent with the proposed amendment in clause 3.1 on the implementation of dispatch interval.
Pricing Error Notice	3.10.5	In the event where no ex-ante prices can be determined or communicated within the timeframe specified by the timetable, or the calculated prices are believed to be in error, as a result of load shedding, occurrence of constraints	**3.10.5.1** In the event where no ex-ante **dispatch** prices can be determined or communicated within the timeframe specified by the timetable, or the calculated prices are believed to be in error, **notwithstanding the application of automatic pricing re-run under clause**	Adopted by the RCC with DOE and Technical Committee's enhancements and clarifications	**3.10.5.1** In the event where no ex-ante **dispatch** prices can be determined or communicated within the timeframe specified by the timetable, or the calculated prices are believed to be in error, **notwithstanding the application of automatic pricing re-run under clause 3.6.7.1**, as a result of load shedding, occurrence of constraints violation coefficients, or for	• Consistent with the proposed Automatic Pricing Re-run in clause 3.6.7. • Consistent with the proposed amendment in clause 3.1 on the implementation of dispatch interval.

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		violation coefficients, or for any other reason: (a) The Market Operator may, as soon as possible after the end of a trading interval, issue a pricing error notice, in which case, the ex-post quantities and the ex post prices determined according to clause 3.10.7 shall also serve as ex-ante quantities and ex-ante prices. If no ex-post prices can be determined or the calculated prices are believed to be in error as a result of the imposition or relaxation of constraints pursuant to clause 3.5.13.1, the Market Operator shall re-run the Market Dispatch Optimization Model. The Market Operator shall develop and publish the procedures for the determination of the market re-run prices. Such procedures shall provide the criteria and conditions for the market	3.6.7.1~~, as a result of load shedding, occurrence of constraints violation coefficients,~~ or for any other reason~~,~~: ~~(a) The~~ the Market Operator may issue a pricing error notice~~, as soon as possible after the end of a trading dispatch interval,~~ issue a pricing error notice~~, in which case, the ex-post quantities and the ex post prices determined according to clause 3.10.7 shall also serve as ex-ante quantities and ex-ante prices. If no ex-post prices can be determined or the calculated prices are believed to be in error as a result of the imposition or relaxation of constraints pursuant to clause 3.5.13.1, and the Market Operator shall implement a manual re-run with appropriately revised inputs in the Market Dispatch Optimization Model.~~ 3.10.5.2 Upon issuance of a pricing error notice, the Market Operator may, as soon as practicable, implement a market pricing re-run.		any other reason: ~~(a) The~~ the Market Operator shall issue a pricing error notice~~, as soon as possible after the end of a trading dispatch interval,~~ issue a pricing error notice~~, in which case, the ex-post quantities and the ex post prices determined according to clause 3.10.7 shall also serve as ex-ante quantities and ex-ante prices. If no ex-post prices can be determined or the calculated prices are believed to be in error as a result of the imposition or relaxation of constraints pursuant to clause 3.5.13.1, and the Market Operator shall implement a manual re-run with appropriately revised inputs in the Market Dispatch Optimization Model.~~ 3.10.5.2 Upon issuance of a pricing error notice, the Market Operator shall, as soon as practicable, implement a market pricing re-run. 3.10.5.3 The market pricing re-runs shall be performed through the Market Dispatch Optimization Model using appropriately revised inputs. 3.10.5.4 The Market Operator shall develop and publish the procedures for the determination of the ~~manual~~ market pricing re-run prices. Such procedures shall provide the criteria	• Consistent with the proposed amendments in clause 3.10.1

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		re-run and the timetable for implementation.	**3.10.5.3 The market pricing re-runs may be determined through the Market Dispatch Optimization Model using appropriately revised inputs.** **3.10.5.4** The Market Operator shall develop and publish the procedures for the determination of the ~~manual~~ market **pricing** re-run prices. Such procedures shall provide the criteria and conditions for the ~~manual~~ market **pricing** re-run and the timetable for implementation. **3.10.5.5 The procedures developed for the market pricing re-runs shall be designed to produce prices reflecting supply shortages at any nodes where there was load shedding and prices reflecting supply excess where there was excess generation.**		and conditions for the ~~manual~~ market **pricing** re-run and the timetable for implementation. **3.10.5.5 The procedures developed for the market pricing re-runs shall be designed to produce prices reflecting supply shortages at any nodes where there was load shedding and prices reflecting excess supply excess where there was excess generation.**	
		(b) If no pricing error notice is issued within the time specified in the foregoing paragraph, the ex-post prices and quantities shall serve as ex-ante prices and quantities and shall stand irrespective of the	~~(b) If no pricing error notice is issued within the time specified in the foregoing paragraph, the ex-post prices and quantities shall serve as ex-ante prices and quantities and shall stand irrespective of the outcome of any~~	RCC adopted the PEMC proposal.	~~(b) If no pricing error notice is issued within the time specified in the foregoing paragraph, the ex-post prices and quantities shall serve as ex-ante prices and quantities and shall stand irrespective of the outcome of any subsequent investigations or resolutions of any dispute.~~	Consistent with the proposed amendments in clause 3.10.1

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		outcome of any subsequent investigations or resolutions of any dispute.	~~subsequent investigations or resolutions of any dispute.~~			
		(c) Should the pricing error also include reserves, the reserve quantity and price determined in the ex-post run shall serve as the reserve quantity and prices.	~~(c) Should the pricing error also include reserves, the reserve quantity and price determined in the ex-post run shall serve as the reserve quantity and prices.~~	RCC adopted the PEMC proposal	~~(c) Should the pricing error also include reserves, the reserve quantity and price determined in the ex-post run shall serve as the reserve quantity and prices.~~	Consistent with the proposed amendments in clause 3.10.1
Determination of Ex-Post Nodal Energy Price	3.10.6	3.10.6Determination of Ex-Post Nodal Energy Price xxx	~~3.10.6Determination of Ex-Post Nodal Energy Price~~ ~~Xxx~~	RCC adopted the PEMC proposal	~~3.10.6Determination of Ex-Post Nodal Energy Price~~ ~~Xxx~~	Consistent with the proposed amendments in clause 3.10.1
Procedures for Ex-Post Nodal Energy Price	3.10.7	3.10.7Procedures for Ex-Post Nodal Energy Price xxx	~~3.10.7Procedures for Ex-Post Nodal Energy Price~~ ~~Xxx~~	RCC adopted the PEMC proposal	~~3.10.7Procedures for Ex-Post Nodal Energy Price~~ ~~Xxx~~	Consistent with the proposed amendments in clause 3.10.1
Determination of Ex-Post Zonal Energy Prices	3.10.8	3.10.8Determination of Ex-Post Zonal Energy Prices xxx	~~3.10.8Determination of Ex-Post Zonal Energy Prices~~ ~~xxx~~	RCC adopted the PEMC proposal	~~3.10.8Determination of Ex-Post Zonal Energy Prices~~ ~~xxx~~	Consistent with the proposed amendments in clause 3.10.1

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Determination of Ex-Ante And Ex-Post Energy Settlement Prices	3.10.9	3.10.9 Determination of Ex-Ante And Ex-Post Energy Settlement Prices Subject to clause 3.10.5, the ex-ante energy settlement prices and expost energy settlement prices for each market trading node in each trading interval shall be: (a) The ex-ante zonal energy price and the ex-post zonal energy price for that trading interval determined for that customer pricing zone in accordance with clauses 3.10.3 and 3.10.8,respectively, if that node is deemed to be a customer node and to lie in a defined customer pricing zone; and (b) The ex-ante nodal energy price and the ex-post nodal energy price for that node, in that trading interval, determined in accordance with clauses 3.10.2 and 3.10.6,	~~3.10.9~~**3.10.6** Determination of ~~Ex-Ante And Ex-Post~~ Energy Settlement Prices Subject to clause 3.10.5, the ~~ex-ante~~ energy settlement prices ~~and expost energy settlement prices~~ for each market trading node in each ~~trading~~ **settlement** interval shall be **determined as**: **(a)**~~(b)~~ The ~~ex-ante~~ **generation-weighted average** nodal energy **dispatch** prices ~~and the ex-post nodal energy price~~ for ~~that node, in~~ **for the set of dispatch intervals corresponding to** that ~~trading~~ **settlement** interval determined **for that generator market trading node** in accordance with clauses 3.10.2 ~~and 3.10.6, respectively, for all other nodes~~; ~~and~~ **(b)** ~~(a)~~ The ~~ex-ante~~ **load-weighted average of its** ~~zonal~~ **nodal** energy **dispatch** prices ~~and the ex-post nodal energy price~~ for **the set of dispatch intervals corresponding to** that ~~trading~~ **settlement** interval determined for that	Atty. De Castro suggested that this clause be more specific with the sub-clauses. Mr. Castro then suggested to add the class of WESM Member for whom the specific provisions will be applicable. The RCC then adopted the proposal as amended..	~~3.10.9~~**3.10.6** Determination of ~~Ex-Ante And Ex-Post~~ Energy Settlement Prices Subject to clause 3.10.5, the ~~ex-ante~~ energy settlement prices ~~and expost energy settlement prices~~ for each market trading node in each ~~trading~~ **settlement** interval shall be **determined as**: **(a)**~~(b)~~ **For generators,** ~~The ex-ante~~ **the dispatch schedule-weighted average** nodal energy **dispatch** prices ~~and the ex-post nodal energy price~~ for ~~that node, in~~ **for the set of dispatch intervals corresponding to** that ~~trading~~ **settlement** interval determined **for that generator market trading node** in accordance with clauses 3.10.2 ~~and 3.10.6, respectively, for all other nodes~~; ~~and~~ **(b)** ~~(a)~~ **For customers,** ~~The ex-ante~~ **the dispatch schedule-weighted average of its** ~~zonal~~ **nodal** energy **dispatch** prices ~~and the ex-post nodal energy price~~ for **the set of dispatch intervals corresponding to** that ~~trading~~ **settlement** interval determined for that customer ~~pricing~~ **market trading** ~~zone~~ **node** in accordance with clauses **3.10.2** ~~3.10.3 and 3.10.8, respectively, if that node is deemed to be a customer node and~~	Consistent with the proposed amendments in clause 3.10.1, it is also being proposed for the WESM to adapt an ex-ante only pricing, with settlements being based on ex-ante prices and actual measured outcomes.

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		respectively, for all other nodes.	customer ~~pricing~~ **market trading** ~~zone~~ **node** in accordance with clauses **3.10.2** ~~3.10.3 and 3.10.8, respectively, if that node is deemed to be a customer node and to lie in a defined customer pricing zone~~; and **(c) When applicable, the ex-ante load-weighted average of the zonal energy prices for the set of dispatch intervals within that settlement interval determined for that customer market trading node in accordance with clauses 3.10.3, if that node is deemed to be a customer node and to lie within a defined customer pricing zone.**		~~to lie in a defined customer pricing zone~~; and **(c) For customers that have been approved by the ERC to use zonal pricing,the ex-ante dispatch schedule-weighted average of the zonal energy prices for the set of dispatch intervals within that settlement interval determined for that customer market trading node in accordance with clauses 3.10.3, if that node is deemed to be a customer market trading node within a defined customer pricing zone.**	
Determination of Zonal Reserve Price	3.10.10	3.10.10 Determination of Zonal Reserve Price When applicable, the zonal reserve price for each market reserve zone in each trading interval shall be determined as the shadow price on the relevant reserve requirement constraint, defined in accordance	~~3.10.10~~**3.10.7** Determination of ~~Zonal~~ Reserve **Price and Reserve Settlement** Price **(a)** When applicable, the ~~zonal~~ reserve price for each market reserve ~~zone~~ **area and reserve category** in each ~~trading~~ **dispatch** interval shall be determined as the shadow price on the relevant reserve requirement constraint, defined in accordance with	SNAP's concern with respect to the under or over-payment of a reserve provider was clarified by the Mr. Cacho Jr., he stated that every category and reserve area the price will just be the same, the weighted average is the only thing that may vary. The RCC then adopted the Market Operator's proposal.	~~3.10.10~~**3.10.7** Determination of ~~Zonal~~ Reserve **Price and Reserve Settlement** Price **(a)** When applicable, the ~~zonal~~ reserve price for each market reserve zone **and reserve category** in each ~~trading~~ **dispatch** interval shall be determined as the shadow price on the relevant reserve requirement constraint, defined in accordance with clause 3.6.1.4 (e), in the dispatch optimization for that ~~trading~~ **dispatch**	Consistent with the proposed amendments in clause 3.10.1, it is also being proposed for the WESM to adopt an ex-ante only pricing, with settlements being based on ex-ante prices and actual measured outcomes.

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		with clause 3.6.1.4 (e), in the dispatch optimization for that trading interval and published by the Market Operator before the start of that trading interval.	clause 3.6.1.4 (e), in the dispatch optimization for that ~~trading~~ **dispatch** interval and published by the Market Operator before the start of that trading interval. **(b) When applicable, the reserve settlement price for each reserve area and reserve category in each settlement interval shall be determined as the schedule-weighted average of the corresponding reserve prices for that reserve category.**		interval and published by the Market Operator before the start of that trading interval. **(b) When applicable, the reserve settlement price for each reserve zone and reserve category in each settlement interval shall be determined as the schedule-weighted average of the corresponding reserve prices for that reserve category.**	
Market Information	3.11.1.1	The Market Operator shall publish the following: (a) Nodal energy prices for each market trading node; (b) Zonal energy prices for each customer energypricing zone; (c) When applicable, reserve prices for each reserve region; and (d) Binding network constraints, for each tradinginterval in accordance with the timetable.	The Market Operator shall publish the following: (a) Nodal energy **dispatch** prices for **all dispatch intervals and for** each market trading node; **(b) Energy settlement prices for all settlement intervals and for each market trading node;** ~~(b)~~**(c)** Zonal energy prices for **all dispatch intervals and for** each customer ~~energy~~ pricing zone; **(d) Zonal energy settlement prices for all settlement intervals and for each customer pricing zone;**	Ms. Karen Varquez clarified that this proposal is in line with the Information Disclosure Manual. Mr. Cacho Jr. also added that issues regarding the publications of BCQ, MQ and prices have already been raised to the Market Operator which led to the addition of item (i). The RCC adopted the proposal as amended.	The Market Operator shall publish the following: (a) Nodal energy **dispatch** prices for **all dispatch intervals and for** each market trading node; **(b) Energy settlement prices for all settlement intervals and for each market trading node;** ~~(b)~~**(c)** Zonal energy prices for **all dispatch intervals and for** each customer ~~energy~~ pricing zone; **(d) Zonal energy settlement prices for all settlement intervals and for each customer pricing zone;** ~~(c)~~ **(e)** When applicable, reserve **prices and reserve settlement** prices **and requirements** for each reserve region **and reserve category**;	Consistent with the proposed amendments in clause 2.3.1.3, 3.1, and 3.10.1.

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			~~(c)~~ **(e)** When applicable, reserve **prices and reserve settlement** prices **and requirements** for each reserve ~~region~~ **area and reserve category**; ~~and~~ ~~(d)~~ **(f)** Binding network constraints, for each ~~trading~~ **dispatch** interval in accordance with the timetable; **(g) Violated network and other constraints and the corresponding non-zero constraint violation variable values;** **(h) The status of all elements of the market network model such as network element outages, network switch and circuit breaker statuses; and** **(i) After the trading day:** **(1) all information necessary to recreate or independently verify the market projections, dispatches and prices, and** **(2) for a WESM participant the specific information that would enable the participant to recreate or independently verify its settlements.**		~~and~~ ~~(d)~~ **(f)** Binding network constraints, for each ~~trading~~ **dispatch** interval in accordance with the timetable; **(g) Violated network and other constraints and the corresponding non-zero constraint violation variable values;** **(h) The status of all elements of the market network model such as network element outages, network switch and circuit breaker statuses; and** **(i) Settlement information to enable a WESM participant to recreate or independently verify its settlements.**	
Market Information	3.11.1.2	As part of the information record under clause 5.2.5, the Market	As part of the information record under clause 5.2.5, the Market Operator shall retain details of:	The RCC adopted the PEMC proposal .	As part of the information record under clause 5.2.5, the Market Operator shall retain details of: xxx	Consistent with the proposed amendment in clause 3.1 on the

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		Operator shall retain details of: xxx (d) Including, for each trading interval and dispatch offer and dispatch bid: xxx	xxx (d) Including, for each ~~trading~~ **dispatch** interval and dispatch offer and dispatch bid: xxx		(d) Including, for each ~~trading~~ **dispatch** interval and dispatch offer and dispatch bid: xxx	implementation of dispatch interval.
Market Information	3.11.1.3	**As adopted from DC2016-01-0002** Each trading day, in accordance with the timetable, the Market Operator shall publish: (a) The dispatch schedule for each scheduled generating unit, must dispatch generating unit, priority dispatch generating unit, non-scheduled generating unit and scheduled load in each trading interval for the previous trading day; and (b) A summary of the information provided to it with respect to each trading interval by the System operator in accordance with clause 3.8.2.2.	Each trading day, in accordance with the timetable, the Market Operator shall publish: (a) The dispatch schedule for each scheduled generating unit, must dispatch generating unit, priority dispatch generating unit, non-scheduled generating unit and scheduled load in each **dispatch interval in the** ~~trading~~ **settlement** interval**s** for the previous trading day; and (b) A summary of the information provided to it with respect to each ~~trading~~ **dispatch** interval by the System operator in accordance with clause 3.8.2.2.	The RCC adopted the PEMC proposal .	Each trading day, in accordance with the timetable, the Market Operator shall publish: (a) The dispatch schedule for each scheduled generating unit, must dispatch generating unit, priority dispatch generating unit, non-scheduled generating unit and scheduled load in each **dispatch interval in the** ~~trading~~ **settlement** interval**s** for the previous trading day; and (b) A summary of the information provided to it with respect to each ~~trading~~ **dispatch** interval by the System operator in accordance with clause 3.8.2.2.	Consistent with the proposed amendment in clause 3.1 on the implementation of dispatch interval.

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Market Information		NEW	**3.11.1.3 All information available to all market participants shall be deemed to be publicly available information.**	The RCC adopted the PEMC proposal .	**3.11.1.3 All information available to all market participants shall be deemed to be publicly available information.**	For clarity on the distribution of public information.
Financial Transmission Rights		NEW	**3.12.7 Price Substitution Methodology for Congestion** **Prior to the implementation of the financial transmission rights, the Market Operator shall develop and publish a market manual that details the methodology for price substitution in the event of extreme nodal price separation arising from network congestion.**	The RCC adopted the PEMC proposal .	**3.12.7 Price Substitution Methodology for Congestion** **Prior to the implementation of the financial transmission rights, the Market Operator shall develop and publish a Market Manual that details the methodology for price substitution in the event of extreme nodal price separation arising from network congestion.**	Provision on the price substitution methodology.
Submission of Bilateral Contract Data	3.13.1	Submission of Bilateral Contract Data	Submission of Bilateral Contract Data **for Energy**	The RCC adopted the PEMC proposal .	Submission of Bilateral Contract Data **for Energy**	To differentiate from the submission of bilateral contract data for reserves.
Submission of Bilateral Contract Data	3.13.1.1	Trading Participants who sell electricity pursuant to bilateral contracts and wish those bilateral contracts to be accounted for in settlements shall, after each trading day, in accordance with the billing and settlements timetable: (a) Submit a schedule to the Market Operator	Trading Participants who sell electricity pursuant to bilateral contracts and wish those bilateral contracts to be accounted for in settlements shall, after each trading day, in accordance with the billing and settlements timetable: (a) Submit a schedule to the Market Operator specifying the MWH bilateral sell quantities at each relevant market trading node, in each ~~trading~~	The RCC adopted the PEMC proposal .	Trading Participants who sell electricity pursuant to bilateral contracts and wish those bilateral contracts to be accounted for in settlements shall, after each trading day, in accordance with the billing and settlements timetable: (a) Submit a schedule to the Market Operator specifying the MWH bilateral sell quantities at each relevant market trading node, in each ~~trading~~ **settlement** interval of that trading day;	Consistent with clause 3.1.

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		specifying the MWH bilateral sell quantities at each relevant market trading node, in each trading interval of that trading day;	settlement interval of that trading day;			
Submission of Bilateral Contract Data		NEW	**3.13.2 Submission of Bilateral Contract Data for Reserves** **3.13.2.1 When applicable, Trading Participants who sell reserve capacities pursuant to bilateral contracts with the System Operator, shall submit these bilateral contracts after each trading day, in accordance with the billing and settlements timetable to be accounted for in settlements.** **3.13.2.2 The System Operator shall also provide information on their contracted reserve capacities to the Market Operator for purposes of validating the capacities identified in clause 3.13.2.1**	The RCC adopted the PEMC proposal .	**3.13.2 Submission of Bilateral Contract Data for Reserves** **3.13.2.1 When applicable, Trading Participants who sell reserve capacities pursuant to bilateral contracts with the System Operator, shall submit these bilateral contracts after each trading day, in accordance with the billing and settlements timetable to be accounted for in settlements.** **3.13.2.2 The System Operator shall also provide information on their contracted reserve capacities to the Market Operator for purposes of validating the capacities identified in clause 3.13.2.1**	To differentiate from the submission of bilateral contract data for energy.
Submission of Transmission Right Data	3.13.2	3.13.2 Submission of Transmission Right Data 3.13.2.1 xxx	~~3.13.2~~**3.13.3** Submission of Transmission Right Data ~~3.13.2.1~~**3.13.3.1** xxx	The RCC adopted the PEMC proposal .	~~3.13.2~~**3.13.3** Submission of Transmission Right Data ~~3.13.2.1~~**3.13.3.1** xxx	• Renumbering Clause 3.13.15 was already deleted as per DOE DC No.

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		3.13.2.2 Trading Participants who hold transmission rights and wish to have those transmission rights accounted for in settlements shall, after each trading day, in accordance with the timetable, submit to the Market Operator a schedule specifying: (a) xxx (b) The MWH quantities of each transmission right in each trading interval of that trading day, as they apply at the sending node; (c) The agreed loss differential associated with each transmission right, if any, as a proportion of the quantity specified in clause3.13.2 (b); and (d) That the System operator is in agreement with the submission made under clause 3.13.2 (and providing evidence of that agreement), and will cover any deficit in that	~~3.13.2.2~~3.13.3.2 Trading Participants who hold transmission rights and wish to have those transmission rights accounted for in settlements shall, after each trading day, in accordance with the timetable, submit to the Market Operator a schedule specifying: (a) xxx (b) The MWH quantities of each transmission right in each ~~trading~~ **settlement** interval of that trading day, as they apply at the sending node; (c) The agreed loss differential associated with each transmission right, if any, as a proportion of the quantity specified in clause ~~3.13.2~~3.13.3.2 (b); and (d) That the System operator is in agreement with the submission made under clause ~~3.13.2~~3.13.3 (and providing evidence of that agreement), and will cover any deficit in that System operator's settlements position with the spot market ~~under clause 3.13.15.1(b)~~ arising as		~~3.13.2.2~~3.13.3.2 Trading Participants who hold transmission rights and wish to have those transmission rights accounted for in settlements shall, after each trading day, in accordance with the timetable, submit to the Market Operator a schedule specifying: (a) xxx (b) The MWH quantities of each transmission right in each ~~trading~~ **settlement** interval of that trading day, as they apply at the sending node; (c) The agreed loss differential associated with each transmission right, if any, as a proportion of the quantity specified in clause ~~3.13.2~~3.13.3.2 (b); and (d) That the System operator is in agreement with the submission made under clause ~~3.13.2~~3.13.3 (and providing evidence of that agreement), and will cover any deficit in that System operator's settlements position with the spot market ~~under clause 3.13.15.1(b)~~ arising as a result of honoring this transmission right.	2004-07-008 dated 7 July 2004

Title	Section	Provision	Proposed Amendment	RCC Discussions (03 March 2016)	Proposed Amendment (RCC)	Rationale
		System operator's settlements position with the spot market under clause 3.13.15.1(b) arising as a result of honoring this transmission right.	a result of honoring this transmission right.			
Data for Bilateral Contracts and Transmission Rights	3.13.3	3.13.3 Data for Bilateral Contracts and Transmission Rights The Market Operator shall: (a) xxx (b) If the data provided under clause 3.13 is valid or complete, employ that data for settlements purposes in accordance with clauses3.13.7 and 3.13.13.	~~3.13.3~~ **3.13.4** Data for Bilateral Contracts and Transmission Rights The Market Operator shall: (a) xxx (b) If the data provided under clause 3.13 is valid or complete, employ that data for settlements purposes in accordance with clauses3.13.7 and ~~3.13.13~~**3.13.12**.	The RCC adopted the PEMC proposal .	~~3.13.3~~ **3.13.4** Data for Bilateral Contracts and Transmission Rights The Market Operator shall: (a) xxx (b) If the data provided under clause 3.13 is valid or complete, employ that data for settlements purposes in accordance with clauses3.13.7 and ~~3.13.13~~**3.13.12**.	Renumbering
Zonal Reserve Settlement Quantity	3.13.4	3.13.4 Zonal Reserve Settlement Quantity The zonal reserve settlement quantity for each Trading Participant in each trading interval shall be calculated as: (a) The aggregate, across all of the Trading Participant's facilities in the relevant reserve region, of the reserve target determined by	~~3.13.4~~**3.13.5** ~~Zonal~~ Reserve Settlement Quantity The ~~zonal~~ reserve settlement quantity for each Trading Participant in each ~~trading~~ **settlement** interval shall be calculated as: (a) The ~~aggregate, across all of the Trading Participant's facilities in the relevant reserve region, of the reserve target determined by the dispatch optimization~~	Adopted by the RCC with enhancement from the DOE	~~3.13.4~~**3.13.5** ~~Zonal~~ Reserve Settlement Quantity The ~~zonal~~ reserve settlement quantity for each Trading Participant in each ~~trading~~ **settlement** interval shall be calculated as: (a) The ~~aggregate, across all of the Trading Participant's facilities in the relevant reserve region, of the reserve target determined by the dispatch optimization performed prior to the beginning of that trading interval, in accordance with clause~~	• Renumbering For clarity

Title	Section	Provision	Proposed Amendment	RCC Discussions (03 March 2016)	Proposed Amendment (RCC)	Rationale
		the dispatch optimization performed prior to the beginning of that trading interval, in accordance with clause 3.8.1; multiplied by (b) The reserve effectiveness factor for that reserve facility category to be determined by the System operator.	~~performed prior to the beginning of that trading interval, in accordance with clause 3.8.1; multiplied by~~ **average of the reserve dispatch target for each facility, less** (b) ~~The reserve effectiveness factor for that reserve facility category to be determined by the System operator~~ **reserve contract quantities, if any.**		~~3.8.1; multiplied by~~ **average of the reserve schedule for each facility, less** (b) ~~The reserve effectiveness factor for that reserve facility category to be determined by the System operator~~ **reserve contracted quantities in accordance with Clause 3.13.2.1, if any.**	
Defining the Gross Ex-Ante Energy Settlement Quantity for Market Trading Nodes	3.13.5	3.13.5 Defining the Gross Ex-Ante Energy Settlement Quantity for Market Trading Nodes xxx	~~3.13.5 Defining the Gross Ex-Ante Energy Settlement Quantity for Market Trading Nodes~~ ~~xxx~~	The RCC adopted the PEMC proposal .	~~3.13.5 Defining the Gross Ex-Ante Energy Settlement Quantity for Market Trading Nodes~~ ~~xxx~~	Consistent with the proposed amendments in clause 3.10.1.
Defining the Gross Ex-Post Energy Settlement Quantity for Market Trading Nodes	3.13.6	Defining the Gross Ex-Post Energy Settlement Quantity for Market Trading Nodes For each trading interval, the gross ex-post energy settlement quantity before being adjusted for bilateral contracts for each market trading node shall be determined by the Market Operator as follows:	Defining the Gross ~~Ex-Post~~ Energy Settlement Quantity for Market Trading Nodes For each ~~trading~~ **settlement** interval, the gross ~~ex-post~~ energy settlement quantity before being adjusted for bilateral contracts for each market trading node shall be determined by the Market Operator as follows:	The RCC adopted the PEMC proposal .	Defining the Gross ~~Ex-Post~~ Energy Settlement Quantity for Market Trading Nodes For each ~~trading~~ **settlement** interval, the gross ~~ex-post~~ energy settlement quantity before being adjusted for bilateral contracts for each market trading node shall be determined by the Market Operator as follows:	Consistent with the proposed amendments in clause 3.10.1.

Title	Section	Provision	Proposed Amendment	RCC Discussions (03 March 2016)	Proposed Amendment (RCC)	Rationale
		(a) If the market trading node is defined under clause 3.2.2.1 as lying on the boundary of the power system operated by the System Operator, the gross ex-post energy settlement quantity for the market trading node is the net metered flow into the power system operated by the System operator through the associated meter, provided however, that if the market trading node is a customer node, and there is no ERC-registered embedded generation facility associated with that node, or the source of injection cannot be traced, any injection shall not be accounted for in determining the gross ex-post energy settlement quantity for that node; (b) If the market trading node is defined under clause 3.2.2.2 as a generator node lying on the interface between networks, apparatus or equipment operated by parties other than the	(a) If the market trading node is defined under clause 3.2.2.1 as lying on the boundary of the power system operated by the System Operator, the gross ~~ex-post~~ energy settlement quantity for the market trading node is the net metered flow into the power system operated by the System operator through the associated meter, provided however, that if the market trading node is a customer **market trading** node, and there is no ERC-registered embedded generation facility associated with that node, or the source of injection cannot be traced, any injection shall not be accounted for in determining the gross ~~ex-post~~ energy settlement quantity for that node; (b) If the market trading node is defined under clause 3.2.2.2 as a generator **market trading** node lying on the interface between networks, apparatus or equipment operated by parties other than the System Operator the gross ~~ex-post~~ energy settlement quantity for the market trading node is the net metered flows through the associated meter from the	Adopted by the RCC with enhancements from the Technical Committee	(a) If the market trading node ~~is~~ defined under clause 3.2.2.1 ~~aslying~~**is located** on the boundary of the power system operated by the System Operator, the gross ~~ex-post~~ energy settlement quantity for the market trading node is the net metered flow into the power system operated by the System operator through the associated meter, provided however, that if the market trading node is a customer **market trading** node, and there is no ERC-registered embedded generation facility associated with that node, or the source of injection cannot be traced, any injection shall not be accounted for in determining the gross ~~ex-post~~ energy settlement quantity for that node; (b) If the market trading node ~~is~~ defined under clause 3.2.2.2 ~~as~~**is** a generator **market trading** node ~~lying~~**located** on the interface between networks, apparatus or equipment operated by parties other than the System Operator the gross ~~ex-post~~ energy settlement quantity for the market trading node is the net metered flows through the associated meter from the Generation Company to the Customer side of the meter; and (c) If the market trading node ~~is~~ defined under clause 3.2.2.2 ~~as~~**is** a customer **market trading** node ~~lying~~**located** on the interface between	

Title	Section	Provision	Proposed Amendment	RCC Discussions (03 March 2016)	Proposed Amendment (RCC)	Rationale
		System Operator the gross ex-post energy settlement quantity for the market trading node is the net metered flows through the associated meter from the Generation Company to the Customer side of the meter; and (c) If the market trading node is defined under clause 3.2.2.2 as a customer node lying on the interface between networks, apparatus or equipment operated by parties other than the System operator the gross ex-post energy settlement quantity for the market trading node is the negative of the amount determined for the corresponding generator node in clause 3.13.6.1(b). (d) If the net metered flows registered through a meter is inconsistent with the expected power flows at the market trading node to which that meter is associated, the Metering Services Provider shall determine	Generation Company to the Customer side of the meter; and (c) If the market trading node is defined under clause 3.2.2.2 as a customer **market trading** node lying on the interface between networks, apparatus or equipment operated by parties other than the System operator the gross ~~ex-post~~ energy settlement quantity for the market trading node is the negative of the amount determined for the corresponding generator **market trading** node in clause ~~3.13.6.1(b)~~ **3.13.6(b).** (d) If the net metered flows registered through a meter is inconsistent with the expected power flows at the market trading node to which that meter is associated, the Metering Services Provider shall determine and shall notify the Market Operator and the relevant Trading Participant the appropriate manner of determining the gross ~~ex-post~~ settlement quantity for that market trading node.		networks~~, apparatus~~ or equipment operated by parties other than the System operator the gross ~~ex-post~~ energy settlement quantity for the market trading node is the negative of the amount determined for the corresponding generator **market trading** node in clause ~~3.13.6.1(b)~~ **3.13.6(b).** (d) If the net metered flows registered through a meter is inconsistent with the expected power flow~~s at~~**to** the market trading node to which that meter is associated, the Metering Services Provider shall determine and shall notify the Market Operator and the relevant Trading Participant the appropriate manner of determining the gross ~~ex-post~~ settlement quantity for that market trading node.	

Title	Section	Provision	Proposed Amendment	RCC Discussions (03 March 2016)	Proposed Amendment (RCC)	Rationale
		and shall notify the Market Operator and the relevant Trading Participant the appropriate manner of determining the gross ex-post settlement quantity for that market trading node.				
Energy Settlement Quantity Adjustments for Bilateral	3.13.7	For settlement purposes, the ex-ante energy settlement quantity for any market trading node in any trading interval shall be determined by the Market Operator by adjusting the gross -ex-ante energy settlement quantity for that market trading node and any trading interval, as measured in accordance with clause 3.13.5 for bilateral contract quantities notified to the Market Operator under clause 3.13.1.1, or inferred by the Market Operator under clause 3.13.1.1 and accepted as valid under clause 3.13.1.2 by: (a) Subtracting all bilateral sell quantities	For settlement purposes, the ~~ex-ante~~ energy settlement quantity for any market trading node in any ~~trading~~ **settlement** interval shall be determined by the Market Operator by adjusting the gross ~~ex-ante~~ energy settlement quantity for that market trading node and any ~~trading~~ **settlement** interval, as measured in accordance with clause 3.13.5 for bilateral contract quantities notified to the Market Operator under clause 3.13.1.1, or inferred by the Market Operator under clause 3.13.1.1 and accepted as valid under clause 3.13.1.2 by: (a) Subtracting all bilateral sell quantities notified for that node in that ~~trading~~ **settlement** interval from the measured or estimated gross energy settlement quantity for that	The RCC adopted the PEMC proposal .	For settlement purposes, the ~~ex-ante~~ energy settlement quantity for any market trading node in any ~~trading~~ **settlement** interval shall be determined by the Market Operator by adjusting the gross ~~ex-ante~~ energy settlement quantity for that market trading node and any ~~trading~~ **settlement** interval, as measured in accordance with clause 3.13.~~5~~**6** for bilateral contract quantities notified to the Market Operator under clause 3.13.1.1, or inferred by the Market Operator under clause 3.13.1.1 and accepted as valid under clause 3.13.1.2 by: (a) Subtracting all bilateral sell quantities notified for that node in that ~~trading~~ **settlement** interval from the measured or estimated gross energy settlement quantity for that node in that ~~trading~~ **settlement** interval; and (b) Adding all bilateral buy quantities inferred for that node in that ~~trading~~ **settlement** interval to the measured	Consistent with the proposed amendments in clause 3.10.1.

Title	Section	Provision	Proposed Amendment	RCC Discussions (03 March 2016)	Proposed Amendment (RCC)	Rationale
		notified for that node in that trading interval from the measured or estimated gross energy settlement quantity for that node in that trading interval; and (b) Adding all bilateral buy quantities inferred for that node in that trading interval to the measured or estimated gross energy settlement quantity for that node in that trading interval.	node in that ~~trading~~ **settlement** interval; and (b) Adding all bilateral buy quantities inferred for that node in that ~~trading~~ **settlement** interval to the measured or estimated gross energy settlement quantity for that node in that ~~trading~~ **settlement** interval.		or estimated gross energy settlement quantity for that node in that ~~trading~~ **settlement** interval.	
Determining the Ex Ante Energy Trading Amount	3.13.8	3.13.8 Determining the Ex Ante Energy Trading Amount For settlement purposes, the ex-ante energy trading amount for each market trading node and trading interval will be determined as the exante energy settlement price for that node in that trading interval multiplied by the ex-ante energy settlement quantity (in MWh) for that node in that trading interval.	3.13.8 Determining the ~~Ex Ante~~ Energy Trading Amount For settlement purposes, the ~~ex-ante~~ energy trading amount for each market trading node and ~~trading~~ **settlement** interval will be determined as the ~~exante~~ energy settlement price for that node in that ~~trading~~ **settlement** interval multiplied by the ~~ex-ante~~ energy settlement quantity (in MWh) for that node in that ~~trading~~ **settlement** interval.	The RCC adopted the PEMC proposal .	3.13.8 Determining the ~~Ex Ante~~ Energy Trading Amount For settlement purposes, the ~~ex-ante~~ energy trading amount for each market trading node and ~~trading~~ **settlement** interval will be determined as the ~~exante~~ energy settlement price for that node in that ~~trading~~ **settlement** interval multiplied by the ~~ex-ante~~ energy settlement quantity (in MWh) for that node in that ~~trading~~ **settlement** interval.	Consistent with the proposed amendments in clause 3.10.1.
Determining the Ex Post Energy Trading Amount	3.13.9	3.13.9Determining the Ex Post Energy Trading Amount	~~3.13.9 Determining the Ex Post Energy Trading Amount~~ ~~xxx~~	The RCC adopted the PEMC proposal .	~~3.13.9 Determining the Ex Post Energy Trading Amount~~ ~~xxx~~	Consistent with the proposed amendments in clause 3.10.1.

Title	Section	Provision	Proposed Amendment	RCC Discussions (03 March 2016)	Proposed Amendment (RCC)	Rationale
		xxx				
Determining the Reserve Trading Amount	3.13.10	3.13.10 Determining the Reserve Trading Amount 3.13.10.1 For settlement purposes, the reserve-trading amount for each Trading Participant who supplies reserve to a particular reserve region in a trading interval will be determined as the zonal reserve price for that reserve region in that trading interval multiplied by the zonal reserve settlement quantity for that Trading Participant in that reserve region for that trading interval. 3.13.10.2 xxx	~~3.13.10~~**3.13.9** Determining the Reserve Trading Amount ~~3.13.10.1~~**3.13.9.1** For settlement purposes, the reserve trading amount for each Trading Participant who supplies reserve to a particular reserve ~~region~~ **area** in a ~~trading~~ **settlement** interval will be determined as the ~~zonal~~ reserve price for that reserve ~~region~~ **area** in that ~~trading~~ **settlement** interval multiplied by the ~~zonal~~ reserve settlement quantity for that Trading Participant in that reserve ~~region~~ area for that ~~trading~~ **settlement** interval. ~~3.13.10.2~~**3.13.9.2** xxx	The RCC adopted the PEMC proposal except the change to area from region.	~~3.13.10~~**3.13.9** Determining the Reserve Trading Amount ~~3.13.10.1~~**3.13.9.1** For settlement purposes, the reserve trading amount for each Trading Participant who supplies reserve to a particular reserve region in a ~~trading~~ **settlement** interval will be determined as the ~~zonal~~ reserve price for that reserve region, in that ~~trading~~ **settlement** interval multiplied by the ~~zonal~~ reserve settlement quantity for that Trading Participant in that reserve ~~region~~ area for that ~~trading~~ **settlement** interval. ~~3.13.10.2~~**3.13.9.2** xxx	Consistent with the proposed amendments in clause 2.3.1.3, 3.1, and 3.10.1.
Determining the Reserve Cost Recovery Charge	3.13.11	3.13.11 Determining the Reserve Cost Recovery Charge The reserve cost recovery charge for settlement purposes will be determined for each Trading Participant in each trading interval in accordance with the procedures developed under clause 3.3.5.	~~3.13.11~~**3.13.10** Determining the Reserve Cost Recovery Charge The reserve cost recovery charge for settlement purposes will be determined for each Trading Participant in each ~~trading~~ **settlement** interval in accordance with the procedures developed under clause 3.3.5.	The RCC adopted the PEMC proposal .	~~3.13.11~~**3.13.10** Determining the Reserve Cost Recovery Charge The reserve cost recovery charge for settlement purposes will be determined for each Trading Participant in each ~~trading~~ **settlement** interval in accordance with the procedures developed under clause 3.3.5.	Renumbering

Title	Section	Provision	Proposed Amendment	RCC Discussions (03 March 2016)	Proposed Amendment (RCC)	Rationale
Calculation of Line Rental Trading Amounts	3.13.12	3.13.12 Calculation of Line Rental Trading Amounts The Market Operator shall calculate the line rental trading amounts for each bilateral contract associated with the delivery of the bilateral contract quantities (BCQ) through the transmission line in the market network model as: (a) The expected flow of energy out of the receiving node of the market network line as determined by the market dispatch optimization model multiplied by the ex-ante nodal energy settlement price at that node; less (b) The expected flow of energy into the sending node multiplied by the ex-ante nodal energy settlement price at that node of the market network line as determined by the market dispatch optimization model.	~~3.13.12~~3.13.11 Calculation of Line Rental Trading Amounts The Market Operator shall calculate the line rental trading amounts for each bilateral contract associated with the delivery of the bilateral contract quantities (BCQ) through the transmission line in the market network model as: (a) The expected flow of energy out of the receiving node of the market network line as determined by the market dispatch optimization model multiplied by ~~the ex-ante~~ nodal energy settlement price ~~at that node~~; less (b) The expected flow of energy into the sending node multiplied by the ~~ex-ante~~ nodal energy settlement price ~~at that node~~ of the market network line as determined by the market dispatch optimization model.	Mr. Cacho Jr. explained that the proposed changes will be focusing on the trading amounts directly excluding the line rentals. The general procedure will be the same, only the calculation will be changed. The RCC adopted PEMC proposal .	~~3.13.12~~3.13.11 Calculation of Line Rental Trading Amounts The Market Operator shall calculate the line rental trading amounts for each bilateral contract associated with the delivery of the bilateral contract quantities (BCQ) through the transmission line in the market network model as: (a) The expected flow of energy out of the receiving node of the market network line as determined by the market dispatch optimization model multiplied by ~~the ex-ante~~ nodal energy settlement price ~~at that node~~; less (b) The expected flow of energy into the sending node multiplied by the ~~ex-ante~~ nodal energy settlement price ~~at that node~~ of the market network line as determined by the market dispatch optimization model.	• Renumbering • Consistent with the proposed amendments in clause 3.10.1.

Title	Section	Provision	Proposed Amendment	RCC Discussions (03 March 2016)	Proposed Amendment (RCC)	Rationale
Determining the Transmission Rights Trading Amount	3.13.13	3.13.13 Determining the Transmission Rights Trading Amount For settlement purposes, the transmission right trading amount for each transmission right in each trading interval is to be determined as: (a) The MWh capacity of that transmission right in that trading interval as notified under clause 3.13.2, multiplied by the ex ante energy settlement price for the receiving node in that trading interval; minus the sum of (b) The MWh capacity of that transmission right, in that trading interval, as notified under clause 3.13.2, multiplied by the ex ante energy settlement price at the sending node in that trading interval; plus (c) The MWh capacity of that transmission right in that trading interval, as notified under clause 3.13.2, multiplied by the agreed loss differential	~~3.13.13~~**3.13.12** Determining the Transmission Rights Trading Amount For settlement purposes, the transmission right trading amount for each transmission right in each trading interval is to be determined as: (a) The MWh capacity of that transmission right in that trading interval as notified under clause 3.13.2, multiplied by the ~~ex ante~~ energy settlement price for the receiving node in that ~~trading~~ **settlement** interval; minus the sum of (b) The MWh capacity of that transmission right, in that ~~trading~~ **settlement** interval, as notified under clause 3.13.2, multiplied by the ~~ex ante~~ energy settlement price at the sending node in that ~~trading~~ **settlement** interval; plus (c) The MWh capacity of that transmission right in that ~~trading~~ **settlement** interval, as notified under clause 3.13.2, multiplied by the agreed loss differential for that transmission right, as notified under clause 3.13.2, multiplied by the ~~ex ante~~ energy	The RCC adopted the PEMC proposal .	~~3.13.13~~**3.13.12** Determining the Transmission Rights Trading Amount For settlement purposes, the transmission right trading amount for each transmission right in each trading interval is to be determined as: (a) The MWh capacity of that transmission right in that trading interval as notified under clause 3.13.2, multiplied by the ~~ex ante~~ energy settlement price for the receiving node in that ~~trading~~ **settlement** interval; minus the sum of (b) The MWh capacity of that transmission right, in that ~~trading~~ **settlement** interval, as notified under clause 3.13.2, multiplied by the ~~ex ante~~ energy settlement price at the sending node in that ~~trading~~ **settlement** interval; plus (c) The MWh capacity of that transmission right in that ~~trading~~ **settlement** interval, as notified under clause 3.13.2, multiplied by the agreed loss differential for that transmission right, as notified under clause 3.13.2, multiplied by the ~~ex ante~~ energy settlement price at the receiving node in that ~~trading~~ **settlement** interval.	• Renumbering Consistent with the proposed amendments in clause 3.10.1. Also, "ex ante" is used to refer dispatch.

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		for that transmission right, as notified under clause 3.13.2, multiplied by the ex ante energy settlement price at the receiving node in that trading interval.	settlement price at the receiving node in that ~~trading~~ **settlement** interval.			
Settlement Amounts for Trading Participants	3.13.14	3.13.14 Settlement Amounts for Trading Participants 3.13.14.1 For each billing period, the Market Operator shall determine the settlement amount for each Trading Participant as the sum of the aggregate trading amounts for the trading intervals in that billing period, determined in accordance with clause 3.13.14.2: plus (As amended by DOE DC No. 2005-11-010 dated 11 November 2005) (a) Any amount payable by the Market Operator to that Trading Participant in respect of that billing period and not accounted for in clause 3.13.14.2, including payment for any ancillary services purchased on	~~3.13.14~~**3.13.13** Settlement Amounts for Trading Participants ~~3.13.14.1~~**3.13.13.1** For each billing period, the Market Operator shall determine the settlement amount for each Trading Participant as the sum of the aggregate trading amounts for the ~~trading~~ **settlement** intervals in that billing period, determined in accordance with clause ~~3.13.14.2~~**3.13.13.2**: plus (As amended by DOE DC No. 2005-11-010 dated 11 November 2005) (a) Any amount payable by the Market Operator to that Trading Participant in respect of that billing period and not accounted for in clause ~~3.13.14.2~~**3.13.13.2**, including payment for any ancillary services purchased on behalf of the System operator, less the sum of	The RCC adopted the PEMC proposal .	~~3.13.14~~**3.13.13** Settlement Amounts for Trading Participants ~~3.13.14.1~~**3.13.13.1** For each billing period, the Market Operator shall determine the settlement amount for each Trading Participant as the sum of the aggregate trading amounts for the ~~trading~~ **settlement** intervals in that billing period, determined in accordance with clause ~~3.13.14.2~~**3.13.13.2**: plus (As amended by DOE DC No. 2005-11-010 dated 11 November 2005) (a) Any amount payable by the Market Operator to that Trading Participant in respect of that billing period and not accounted for in clause ~~3.13.14.2~~**3.13.13.2**, including payment for any ancillary services purchased on behalf of the System operator, less the sum of (b) Any market fees which that Trading Participant is required to pay in respect of that billing period as determined in accordance with clause 2.10; plus	Renumbering

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		behalf of the System operator, less the sum of (b) Any market fees which that Trading Participant is required to pay in respect of that billing period as determined in accordance with clause 2.10; plus (c)Any other amounts payable by that Trading Participant to the Market Operator in respect of that billing period, including any ancillary services cost recovery charges.	(b) Any market fees which that Trading Participant is required to pay in respect of that billing period as determined in accordance with clause 2.10; plus (c)Any other amounts payable by that Trading Participant to the Market Operator in respect of that billing period, including any ~~ancillary services~~ **reserves** cost recovery charges.		(c)Any other amounts payable by that Trading Participant to the Market Operator in respect of that billing period, including any ~~ancillary services~~ **reserves** cost recovery charges.	
Settlement Amounts for Trading Participants	3.13.14	3.13.14.2 The aggregate trading amount for a Trading Participant for a trading interval equals the sum of: (a) The ex-ante energy trading amounts for each market trading node for which that Trading Participant is responsible calculated in accordance with clause 3.13.8 (which will typically be positive for a Generation Company and negative for a Customer); plus (b) The ex-post energy	~~3.13.14.2~~**3.13.13.2** The aggregate trading amount for a Trading Participant for a ~~trading~~ **settlement** interval equals the sum of: ~~(a) The ex-ante energy trading amounts for each market trading node for which that Trading Participant is responsible calculated in accordance with clause 3.13.8 (which will typically be positive for a Generation Company and negative for a Customer); plus~~ ~~(b)~~**(a)** The ~~ex-post~~ energy trading amounts for each market trading node for which	The RCC adopted the PEMC proposal .	~~3.13.14.2~~**3.13.13.2** The aggregate trading amount for a Trading Participant for a ~~trading~~ **settlement** interval equals the sum of: ~~(a) The ex-ante energy trading amounts for each market trading node for which that Trading Participant is responsible calculated in accordance with clause 3.13.8 (which will typically be positive for a Generation Company and negative for a Customer); plus~~ ~~(b)~~**(a)** The ~~ex-post~~ energy trading amounts for each market trading node for which that Trading Participant is responsible calculated in accordance with clause ~~3.13.9~~**3.13.8** (which may	• Renumbering • Consistent with the proposed amendments in clause 2.3.1.3, 3.3.5.1, and 3.10.1.

Title	Section	Provision	Proposed Amendment	RCC Discussions (03 March 2016)	Proposed Amendment (RCC)	Rationale
		trading amounts for each market trading node for which that Trading Participant is responsible calculated in accordance with clause 3.13.9 (which may be positive or negative for any Trading Participant); plus (c) The reserve trading amounts for each reserve region into which that Trading Participant contributes reserve calculated in accordance with clause 3.13.10 (which will always be positive for both Generation Companies and Customers); plus (d) The transmission right trading amounts for each transmission right held by the WESM Participant calculated in accordance with clause3.13.13 (which will typically be positive for any Trading Participant);less the sum of xxx	that Trading Participant is responsible calculated in accordance with clause ~~3.13.9~~**3.13.8** (which may be positive or negative for any Trading Participant); plus ~~(c)~~**(b)**The reserve trading amounts for each reserve ~~region~~ **area** into which that Trading Participant contributes reserve calculated in accordance with clause ~~3.13.10~~**3.13.9** (which will always be positive for both Generation Companies and Customers); plus ~~(d)~~**(c)** The transmission right trading amounts for each transmission right held by the WESM Participant calculated in accordance with clause~~3.13.13~~**3.13.12**(which will typically be positive for any Trading Participant);less the sum of xxx ~~(e)~~**(d)** The reserve cost recovery charge determined for that Trading Participant with respect to any reserve cost recovery ~~zone~~ **area** within which it has any facility		be positive or negative for any Trading Participant); plus ~~(c)~~**(b)**The reserve trading amounts for each reserve ~~region~~ **area** into which that Trading Participant contributes reserve calculated in accordance with clause ~~3.13.10~~**3.13.9** (which will always be positive for both Generation Companies and Customers); plus ~~(d)~~**(c)** The transmission right trading amounts for each transmission right held by the WESM Participant calculated in accordance with clause~~3.13.13~~**3.13.12**(which will typically be positive for any Trading Participant);less the sum of ~~(e)~~**(d)** The reserve cost recovery charge determined for that Trading Participant with respect to any reserve cost recovery ~~zone~~ **area** within which it has any facility connected calculated in accordance with the procedures developed under clause 3.3.5 (which will be positive for any Trading Participant); and ~~(f)~~**(e)** Any other ~~ancillary service~~**reserve** cost recovery charges determined for that Trading Participant in accordance with the procedures developed under clause 3.3.5 (which will be positive for any Trading Participant). ~~3.13.14.3~~ **3.13.13.3** xxx	

Title	Section	Provision	Proposed Amendment	RCC Discussions (03 March 2016)	Proposed Amendment (RCC)	Rationale
		(e) The reserve cost recovery charge determined for that Trading Participant with respect to any reserve cost recovery zone within which it has any facility connected calculated in accordance with the procedures developed under clause 3.3.5 (which will be positive for any Trading Participant); and (f) Any other ancillary service cost recovery charges determined for that Trading Participant in accordance with the procedures developed under clause 3.3.5 (which will be positive for any Trading Participant). 3.13.14.3 xxx	connected calculated in accordance with the procedures developed under clause 3.3.5 (which will be positive for any Trading Participant); and ~~(f)~~**(e)** Any other ~~ancillary service~~**reserve** cost recovery charges determined for that Trading Participant in accordance with the procedures developed under clause 3.3.5 (which will be positive for any Trading Participant). ~~3.13.14.3~~ **3.13.13.3** xxx			
Treatment of Remaining Settlement Surplus	3.13.16	3.13.16 Treatment of Remaining Settlement Surplus 3.13.16.1 If the transactions required by clauses 3.13.14.2 (a), (b) and (d), in aggregate, result in a surplus or deficit remaining, this will be known as the net	~~3.13.16~~**3.13.14** Treatment of Remaining Settlement Surplus ~~3.13.16.1~~ **3.13.14.1** If the transactions required by clauses ~~3.13.14.2~~**3.13.13.2** (a), (b) and (d), in aggregate, result in a surplus or deficit remaining, this will be known as the net settlement surplus.	Adopted by the RCC with enhancements from the Technical Committee	~~3.13.16~~**3.13.14** Treatment of Remaining Settlement Surplus ~~3.13.16.1~~ **3.13.14.1** ~~If the~~**The sum of** transactions ~~required by~~ **in**clauses ~~3.13.14.2~~**3.13.13.2** (a), (b) and (d)~~, in aggregate, result in a surplus or deficit remaining, this~~ will be ~~known as~~ the net settlement surplus.	Renumbering

Title	Section	Provision	Proposed Amendment	RCC Discussions (03 March 2016)	Proposed Amendment (RCC)	Rationale
		settlement surplus. 3.13.16.2 The net settlement surplus: (a) May be retained by the Market Operator, to fund deficit as a result of transactions required in clauses 3.13.14, or may be flowed back to the Market Participants in accordance with the procedures to be developed under 3.13.16.3, or may be used by the Market Operator to establish and support the market for Financial Transmission Rights subject to the approval of the PEM Board; and, xxx 3.13.16.3 xxx	~~3.13.16.2~~**3.13.14.2** The net settlement surplus: (a) May be retained by the Market Operator, to fund deficit as a result of transactions required in clauses ~~3.13.14~~ **3.13.13**, or may be flowed back to the Market Participants in accordance with the procedures to be developed under ~~3.13.16.3~~**3.13.14.3**, or may be used by the Market Operator to establish and support the market for Financial Transmission Rights subject to the approval of the PEM Board; and, xxx ~~3.13.16.3~~**3.13.14.3** xxx		~~3.13.16.2~~**3.13.14.2** The net settlement surplus: (a) May be retained by the Market Operator, to fund deficit as a result of transactions required in clauses ~~3.13.14~~ **3.13.13**, or may be flowed back to the Market Participants in accordance with the procedures to be developed under ~~3.13.16.3~~**3.13.14.3**, or may be used by the Market Operator to establish and support the market for Financial Transmission Rights subject to the approval of the PEM Board; and, xxx ~~3.13.16.3~~**3.13.14.3** xxx	
Settlement Amounts for Trading Participants with Bilateral Contracts	3.13.17	3.13.17 Settlement Amounts for Trading Participants with Bilateral Contracts 3.13.17.1 For each billing period, the Market Operator shall determine the settlement amount	~~3.13.17~~**3.13.15** Settlement Amounts for Trading Participants with Bilateral Contracts ~~3.13.17.1~~**3.13.15.1** For each billing period, the Market Operator shall determine the settlement amount for each	The RCC adopted the PEMC proposal .	~~3.13.17~~**3.13.15** Settlement Amounts for Trading Participants with Bilateral Contracts ~~3.13.17.1~~**3.13.15.1** For each billing period, the Market Operator shall determine the settlement amount for each trading participant with bilateral contract as the sum of the aggregate	• Renumbering A/S traded in the WESM will be recovered using the reserve cost recovery charges, in accordance with clause 3.3.5.

Title	Section	Provision	Proposed Amendment	RCC Discussions (03 March 2016)	Proposed Amendment (RCC)	Rationale
		for each trading participant with bilateral contract as the sum of the aggregate trading amounts for the trading intervals in that billing period, determined in accordance with clause 3.13.17.2 plus: (a) Any amount payable by the Market Operator to that Trading Participant in respect of that billing period and not accounted for in clause 3.13.17.2, including payment for any ancillary services purchased on behalf of the System operator, less the sum of (b) Any market fees which that Trading Participant is required to pay in respect of that billing period as determined in accordance with clause 2.10; plus (c) Any other amounts payable by that Trading Participant to the Market Operator in respect of that billing period, including any ancillary	trading participant with bilateral contract as the sum of the aggregate trading amounts for the ~~trading~~ **settlement** intervals in that billing period, determined in accordance with clause ~~3.13.17.2~~**3.13.15.2** plus: (a) Any amount payable by the Market Operator to that Trading Participant in respect of that billing period and not accounted for in clause ~~3.13.17.2~~**3.13.15.2**, including payment for any ancillary services purchased on behalf of the System operator, less the sum of (b) Any market fees which that Trading Participant is required to pay in respect of that billing period as determined in accordance with clause 2.10; plus (c) Any other amounts payable by that Trading Participant to the Market Operator in respect of that billing period, including any ~~ancillary services~~ **reserve cost** recovery charges.		trading amounts for the ~~trading~~ **settlement** intervals in that billing period, determined in accordance with clause ~~3.13.17.2~~**3.13.15.2** plus: (a) Any amount payable by the Market Operator to that Trading Participant in respect of that billing period and not accounted for in clause ~~3.13.17.2~~**3.13.15.2**, including payment for any ancillary services purchased on behalf of the System operator, less the sum of (b) Any market fees which that Trading Participant is required to pay in respect of that billing period as determined in accordance with clause 2.10; plus (c) Any other amounts payable by that Trading Participant to the Market Operator in respect of that billing period, including any ~~ancillary services~~ **reserve cost** recovery charges.	

Title	Section	Provision	Proposed Amendment	RCC Discussions (03 March 2016)	Proposed Amendment (RCC)	Rationale
		services recovery charges.				
Settlement Amounts for Trading Participants with Bilateral Contracts	3.13.17.2	3.13.17.2 The aggregate trading amount for a Trading Participant for a trading interval equals the sum of: (a) The ex-ante energy trading amounts for each market trading node for which the Trading Participants is responsible calculated in accordance with clauses 3.13.7and 3.13.8 (which will typically be positive for a Generation Company and negative for a Customer); plus (b) The ex-post energy trading amounts for each market trading node for which the Trading Participant is responsible calculated in accordance with clauses 3.13.7 and 3.13.9 (which will typically be positive or negative for any Trading Participant); plus (c) The line rental trading amount corresponding to the quantity of bilateral contract of that Trading	~~3.13.17.2~~**3.13.15.2** The aggregate trading amount for a Trading Participant for a ~~trading~~ **settlement** interval equals the sum of: ~~(a) The ex-ante energy trading amounts for each market trading node for which the Trading Participants is responsible calculated in accordance with clauses 3.13.7and 3.13.8 (which will typically be positive for a Generation Company and negative for a Customer); plus~~ ~~(b)~~**(a)** The ~~ex-post~~ energy trading amounts for each market trading node for which the Trading Participant is responsible calculated in accordance with clauses 3.13.7 and ~~3.13.9~~**3.13.8** (which will typically be positive or negative for any Trading Participant); plus ~~(c)~~**(b)** The line rental trading amount corresponding to the quantity of bilateral contract of that Trading Participant calculated in accordance with clause ~~3.13.12~~**3.13.11**; plus	Adopted by the RCC with enhancements from the Technical Committee	~~3.13.17.2~~**3.13.15.2** The aggregate trading amount for a Trading Participant for a ~~trading~~ **settlement** interval equals the sum of: ~~(a) The ex-ante energy trading amounts for each market trading node for which the Trading Participants is responsible calculated in accordance with clauses 3.13.7and 3.13.8 (which will typically be positive for a Generation Company and negative for a Customer); plus~~ ~~(b)~~**(a)** The ~~ex-post~~ energy trading amounts for each market trading node for which the Trading Participant is responsible calculated in accordance with clauses 3.13.7 and ~~3.13.9~~**3.13.8** ~~(which will typically be positive or negative for any Trading Participant); plus~~ ~~(c)~~**(b)** The line rental trading amount corresponding to the quantity of bilateral contract of that Trading Participant calculated in accordance with clause ~~3.13.12~~**3.13.11**; ~~plus~~ ~~d)~~**(c)** The reserve trading amounts for each reserve ~~region~~ **area** into which that Trading Participant contributes reserve calculated in accordance with clause ~~3.13.10~~**3.13.9** (which will always be positive for both Generation Companies and Customers); ~~plus~~ ~~(e)~~**(d)** The transmission right trading	• Renumbering • Consistent with the proposed amendments in clause 2.3.1.3, 3.3.5.1, and 3.10.1

Title	Section	Provision	Proposed Amendment	RCC Discussions (03 March 2016)	Proposed Amendment (RCC)	Rationale
		Participant calculated in accordance with clause 3.13.12; plus (d) The reserve trading amounts for each reserve region into which that Trading Participant contributes reserve calculated in accordance with clause 3.13.10 (which will always be positive for both Generation Companies and Customers); plus (e) The transmission right trading amounts for each transmission right held by the WESM Participant calculated in accordance with clause 3.13.13 (which will always be positive for both Generation Companies and Customers) plus (f) The reserve cost recovery charge determined for that Trading Participant with respect to any reserve cost recovery zone within which it has any facility connected calculated in accordance with the procedures developed under clause 3.3.4	~~d)~~**(c)** The reserve trading amounts for each reserve ~~region~~ **area** into which that Trading Participant contributes reserve calculated in accordance with clause ~~3.13.10~~**3.13.9** (which will always be positive for both Generation Companies and Customers); plus ~~(e)~~**(d)** The transmission right trading amounts for each transmission right held by the WESM Participant calculated in accordance with clause ~~3.13.13~~**3.13.12** (which will always be positive for both Generation Companies and Customers) plus ~~f)~~**(e)** The reserve cost recovery charge determined for that Trading Participant with respect to any reserve cost recovery ~~zone~~ **area** within which it has any facility connected calculated in accordance with the procedures developed under clause ~~3.3.4~~**3.3.5** (which will be positive for any Trading Participant); and ~~(g)~~**(f)** Any other ~~ancillary service~~**reserve** cost recovery charges determined for that Trading Participant in accordance with the		amounts for each transmission right held by the WESM Participant calculated in accordance with clause ~~3.13.13~~**3.13.12** (which will always be positive for both Generation Companies and Customers) ~~plus~~ ~~f)~~**(e)** The reserve cost recovery charge determined for that Trading Participant with respect to any reserve cost recovery ~~zone~~ **area** within which it has any facility connected calculated in accordance with the procedures developed under clause ~~3.3.4~~**3.3.5** (which will **always** be positive for any Trading Participant); and ~~(g)~~**(f)** Any other ~~ancillary service~~**reserve** cost recovery charges determined for that Trading Participant in accordance with the procedures developed under clause ~~3.3.4~~**3.3.5**.	

Title	Section	Provision	Proposed Amendment	RCC Discussions (03 March 2016)	Proposed Amendment (RCC)	Rationale
		(which will be positive for any Trading Participant); and (g) Any other ancillary service cost recovery charges determined for that Trading Participant in accordance with the procedures developed under clause 3.3.4.	procedures developed under clause ~~3.3.4~~**3.3.5**.			
Payment Default Procedure	3.14.11.3	If: xxx (c) The Market Operator receives notice from the defaulting WESM member that it is not likely to remedy the default specified in the default notice, then the Market Operator may issue a suspension notice in accordance with clause 3.15.7 under which the Market Operator notifies the defaulting WESM member that it is prohibited from participating in the spot market.	If: xxx (c) The Market Operator receives notice from the defaulting WESM member that it is not likely to remedy the default specified in the default notice, then the Market Operator may issue a suspension notice in accordance with clause ~~3.15.7~~**3.15.8** under which the Market Operator notifies the defaulting WESM member that it is prohibited from participating in the spot market.	The RCC adopted the PEMC proposal .	If: xxx (c) The Market Operator receives notice from the defaulting WESM member that it is not likely to remedy the default specified in the default notice, then the Market Operator may issue a suspension notice in accordance with clause ~~3.15.7~~**3.15.8** under which the Market Operator notifies the defaulting WESM member that it is prohibited from participating in the spot market.	Correction of clerical error. Issuance of suspension notice is provided under 3.15.8.
Replacement of Security	3.15.5.2	If: (a) A WESM member fails to comply with clause 3.15.5.1; and, (b) That WESM member does not remedy that	If: (a) A WESM member fails to comply with clause 3.15.5.1; and, (b) That WESM member does not remedy that failure within	The RCC adopted the PEMC proposal .	If: (a) A WESM member fails to comply with clause 3.15.5.1; and, (b) That WESM member does not remedy that failure within three (3)	Correction of clerical error. Issuance of suspension notice is provided under 3.15.8.

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		failure within three (3) working days after being notified by the Market Operator of the failure, then the WESM member is deemed to be in default and the Market Operator shall give the WESM member a Suspension Notice in accordance with clause 3.15.7.	three (3) working days after being notified by the Market Operator of the failure, then the WESM member is deemed to be in default and the Market Operator shall give the WESM member a Suspension Notice in accordance with clause ~~3.15.7~~**3.15.8**.		working days after being notified by the Market Operator of the failure, then the WESM member is deemed to be in default and the Market Operator shall give the WESM member a Suspension Notice in accordance with clause ~~3.15.7~~**3.15.8**.	
Drawdown of Security	3.15.6	If a WESM member fails to comply with clause 3.15.6.2 within the time period referred to in that clause, then the Market Operator shall give the WESM member a suspension notice in accordance with clause 3.15.7.	If a WESM member fails to comply with clause 3.15.6.2 within the time period referred to in that clause, then the Market Operator shall give the WESM member a suspension notice in accordance with clause ~~3.15.7~~**3.15.8**.	The RCC adopted the PEMC proposal .	If a WESM member fails to comply with clause 3.15.6.2 within the time period referred to in that clause, then the Market Operator shall give the WESM member a suspension notice in accordance with clause ~~3.15.7~~**3.15.8**.	Correction of clerical error. Issuance of suspension notice is provided under 3.15.8.
Suspension of a WESM Member	3.15.8.3	If a suspension notice is revoked, the Market Operator shall publicize that fact in the same manner in which the suspension notice was publicized in accordance with clause 3.15.7.1.	If a suspension notice is revoked, the Market Operator shall publicize that fact in the same manner in which the suspension notice was publicized in accordance with clause ~~3.15.7.1~~**3.15.8.1**.	The RCC adopted the PEMC proposal .	If a suspension notice is revoked, the Market Operator shall publicize that fact in the same manner in which the suspension notice was publicized in accordance with clause ~~3.15.7.1~~**3.15.8.1**.	Correction of clerical error. Publication of suspension notice is provided under 3.15.8.1.
Metering Installation Components	4.5.1	A metering installation shall: (a) xxx (e) Have electronic data recording facilities such that all metering data can	A metering installation shall: (a) xxx (e) Have electronic data recording facilities such that all metering data can be measured and recorded in	The RCC adopted the PEMC proposal as amended .	A metering installation shall: (a) xxx (e) Have electronic data recording facilities such that all metering data can be measured and recorded in	For consistency with the Philippine Grid Code and Distribution Code.

Title	Section	Provision	Proposed Amendment	RCC Discussions (03 March 2016)	Proposed Amendment (RCC)	Rationale
		be measured and recorded in trading intervals;	~~trading~~ intervals **prescribed under the Grid Code and Distribution Code**;		~~trading~~ intervals **accordance with the relevant Market Manual .**	
Data Validation and Substitution	4.9	The Market Operator is responsible for the validation and substitution of metering data after being furnished settlement-ready metering data by the Metering Services Provider and shall develop data validation procedures in consultation with WESM Participants and in accordance with Appendix C1.2 (d).	The Market Operator is responsible for the validation and substitution of metering data after being furnished settlement-ready metering data by the Metering Services Provider and shall develop data validation procedures in consultation with WESM Participants and in accordance with Appendix ~~C1.2~~**B1.2** (d).	The RCC adopted the PEMC proposal	The Market Operator is responsible for the validation and substitution of metering data after being furnished settlement-ready metering data by the Metering Services Provider and shall develop data validation procedures in consultation with WESM Participants and in accordance with Appendix ~~C1.2~~**B1.2** (d).	Correction of reference.
Market Audit	5.2.6.2	The spot market audit shall cover and review compliance by the Market Operator with its procedures and the effectiveness and appropriateness of systems utilized in the operation of the spot market, including but not limited to: xxx (d) The scheduling and dispatch processes; xxx	The spot market audit shall cover and review compliance by the Market Operator with its procedures and the effectiveness and appropriateness of systems utilized in the operation of the spot market, including but not limited to: xxx (d) The **market dispatch optimization model's pricing and dispatch** scheduling ~~and dispatch~~ processes; xxx	The RCC adopted the PEMC proposal	The spot market audit shall cover and review compliance by the Market Operator with its procedures and the effectiveness and appropriateness of systems utilized in the operation of the spot market, including but not limited to: xxx (d) The **market dispatch optimization model's pricing and dispatch** scheduling ~~and dispatch~~ processes; xxx	For clarity

Title	Section	Provision	Proposed Amendment	RCC Discussions (03 March 2016)	Proposed Amendment (RCC)	Rationale
Market Response to Threat to System Security	6.6.4.3	The Market Operator may: (a) Invite Trading Participants to revise or re-bid their physical capabilities submitted by such Trading Participants in accordance with clause 3.4 in respect of the relevant trading interval; and xxx	The Market Operator may: (a) Invite Trading Participants to revise or re-bid their physical capabilities submitted by such Trading Participants in accordance with clause 3.4 in respect of the relevant ~~trading~~ **dispatch** interval; and xxx	The RCC has agreed to retain what has been agreed upon during its meeting held on 13 Jan 2016 which retained the clause .		
Force majeure event	6.7.1	A force majeure is the occurrence in a trading interval of an event or events not within the reasonable control, directly or indirectly, of the Market Operator and WESM member, to the extent that such event, despite the exercise of the reasonable diligence, cannot be or be caused to be prevented, or removed and has resulted in a reduction in the normal capacity of part or all of the power transmission system during that trading interval and such	A force majeure is the occurrence in a ~~trading~~ **dispatch** interval of an event or events not within the reasonable control, directly or indirectly, of the Market Operator and WESM member, to the extent that such event, despite the exercise of the reasonable diligence, cannot be or be caused to be prevented, or removed and has resulted in a reduction in the normal capacity of part or all of the power transmission system during that ~~trading~~ **dispatch** interval and such reduction is likely to materially affect the operation of the spot	The RCC has agreed to retain what has been agreed upon during its meeting held on 13 Jan 2016	6.7.1 A force majeure is the occurrence **of an event or events** in **the grid where** a ~~trading~~ **dispatch** interval is not within the reasonable control~~of an event or events~~, directly or indirectly, of the **System Operator**, Market Operator and WESM member, to the extent that such event, despite the exercise of the reasonable diligence, cannot be or be caused to be prevented, or removed and has resulted in a reduction in the normal capacity of part or all of the power transmission system during that t ~~trading~~ **dispatch** interval and such reduction is likely to materially affect the operation of the spot market or materially threaten system security.	Consistent with the proposed amendment in clause 3.1 on the implementation of dispatch interval.

Title	Section	Provision	Proposed Amendment	RCC Discussions (03 March 2016)	Proposed Amendment (RCC)	Rationale
		reduction is likely to materially affect the operation of the spot market or materially threaten system security.	market or materially threaten system security.			
Declaration of Market Suspension	6.9.2.2	The spot market is deemed suspended at the start of the trading interval in which the ERC advises the Market Operator that the spot market is suspended.	The spot market is deemed suspended at the start of the ~~trading~~ **dispatch interval or any one (1) hour** interval in which the ERC advises the Market Operator that the spot market is suspended.	The RCC adopted the PEMC proposal as amended.	The spot market is deemed suspended at the start of the ~~trading~~ **dispatch interval or any ~~one (1) hour~~ settlement** interval in which the ERC advises the Market Operator that the spot market is suspended.	Consistent with the proposed amendment in clause 3.1 on the implementation of dispatch interval.
Effect of Market Suspension	6.9.3.1	The market price during a trading interval in which the ERC has declared the spot market to be suspended and up to the time that the market resumes in accordance with 6.8.2.4 is to be determined by the Market Operator in accordance with clause 6.2.3.	The market price during a ~~trading~~ **dispatch** interval in which the ERC has declared the spot market to be suspended and up to the time that the market resumes in accordance with 6.8.2.4 is to be determined by the Market Operator in accordance with clause 6.2.3.	The RCC adopted the PEMC proposal	The market price during a ~~trading~~ **dispatch** interval in which the ERC has declared the spot market to be suspended and up to the time that the market resumes in accordance with 6.8.2.4 is to be determined by the Market Operator in accordance with clause 6.2.3.	Consistent with the proposed amendment in clause 3.1 on the implementation of dispatch interval.
Effect of Market Suspension	6.9.3.2	During a trading interval in which the spot market is suspended, the WESM Rules will continue to apply with such modifications as the Market Operator reasonably determines to be necessary, taking into consideration the circumstances and conditions giving rise	During a ~~trading~~ **dispatch** interval in which the spot market is suspended, the WESM Rules will continue to apply with such modifications as the Market Operator reasonably determines to be necessary, taking into consideration the circumstances and conditions giving rise to the decision by	The RCC adopted the PEMC proposal	During a ~~trading~~ **dispatch** interval in which the spot market is suspended, the WESM Rules will continue to apply with such modifications as the Market Operator reasonably determines to be necessary, taking into consideration the circumstances and conditions giving rise to the decision by the ERC to suspend the spot market.	Consistent with the proposed amendment in clause 3.1 on the implementation of dispatch interval.

Title	Section	Provision	Proposed Amendment	RCC Discussions (03 March 2016)	Proposed Amendment (RCC)	Rationale
		to the decision by the ERC to suspend the spot market.	the ERC to suspend the spot market.			
Breaches of the WESM Rules by WESM Members	7.2.2.8	The Enforcement and Compliance Officer may further recommend to the PEM Board that the WESM member determined to be in breach be suspended in accordance with clause 3.15.7 if the said Member has: xxx The Enforcement and Compliance Officer may recommend to the PEM Board for approval the suspension of the party in breach in accordance with clause 3.15.7.	The Enforcement and Compliance Officer may further recommend to the PEM Board that the WESM member determined to be in breach be suspended in accordance with clause ~~3.15.7~~**3.15.8** if the said Member has: xxx The Enforcement and Compliance Officer may recommend to the PEM Board for approval the suspension of the party in breach in accordance with clause ~~3.15.7~~**3.15.8**.	The RCC adopted the PEMC proposal	The Enforcement and Compliance Officer may further recommend to the PEM Board that the WESM member determined to be in breach be suspended in accordance with clause ~~3.15.7~~**3.15.8** if the said Member has: xxx The Enforcement and Compliance Officer may recommend to the PEM Board for approval the suspension of the party in breach in accordance with clause ~~3.15.7~~**3.15.8**.	Correction of clerical error. Issuance of suspension notice is provided under 3.15.8.
Transitory Provisions	10			Atty. De Castro requested the TWG to review any inconsistencies in the transitory provisions and send it to the RCC for approval and commenting.		
Glossary	11	Ancillary services cost recovery charge. The charge payable by WESM members for recovery of the cost incurred by the Market Operator for the provision of Ancillary Services.	~~Ancillary services cost recovery charge. The charge payable by WESM members for recovery of the cost incurred by the Market Operator for the provision of Ancillary Services.~~	The RCC adopted the PEMC proposal	~~Ancillary services cost recovery charge. The charge payable by WESM members for recovery of the cost incurred by the Market Operator for the provision of Ancillary Services.~~	Consistent with the proposed changes in clause 3.3.5.2.

Title	Section	Provision	Proposed Amendment	RCC Discussions (03 March 2016)	Proposed Amendment (RCC)	Rationale
Glossary	11	NEW	**Automatic Pricing Re-run.** The automated process under clause 3.6.7 that solves the market dispatch optimization model with relaxed constraints after detecting non-zero constraint violation variable values to produce energy and reserve prices according to the timetable.	The RCC adopted the PEMC proposal	**Automatic Pricing Re-run.** The automated process under clause 3.6.7 that solves the market dispatch optimization model with relaxed constraints after detecting non-zero constraint violation variable values to produce energy and reserve prices according to the timetable.	Consistent with clause 3.6.7.
Glossary	11	Constraint Violation Coefficients. Coefficients set by the Market Operator in accordance with clause 3.6.2. The Market Operator is to ensure that, if constraints shall be violated, such violation will occur in appropriate priority order.	Constraint Violation Coefficients. Coefficients set **for constraint violation variables** by the Market Operator in accordance with clause 3.6.2. The Market Operator is to ensure that, if constraints shall be violated, such violation will occur in appropriate priority order.	Adopted by the RCC with enhancements from the Technical Committee	Constraint Violation Coefficients. Coefficients ~~set~~ **for constraint violation variablesset** by the Market Operator in accordance with clause 3.6.2. The Market Operator is to ensure that, if constraints shall be violated, such violation will occur in appropriate priority order.	For clarity
Glossary	11	NEW	**Constraint Violation Variables. Variables set for constraints in the market dispatch optimization modelto ensure a feasible solution in accordance with 3.6.2.**	The RCC adopted the PEMC proposal	**Constraint Violation Variables. Variables set for constraints in the market dispatch optimization model to ensure a feasible solution in accordance with 3.6.2.**	For clarity
Glossary	11	Customer Node. A market trading node at which electricity will normally be purchased from the spot market and which is classified as a customer node in accordance with clause 3.2.2.2.	Customer **Market Trading** Node. A market trading node at which electricity will normally be purchased from the spot market and which is classified as a customer **market trading** node in accordance with clause 3.2.2.2.	The RCC adopted the PEMC proposal	Customer **Market Trading** Node. A market trading node at which electricity will normally be purchased from the spot market and which is classified as a customer **market trading** node in accordance with clause 3.2.2.2.	For clarity

Title	Section	Provision	Proposed Amendment	RCC Discussions (03 March 2016)	Proposed Amendment (RCC)	Rationale
Glossary	11	Dispatch Tolerances. Limits on the extent to which Trading Participants may deviate from dispatch targets determined by the System operator in accordance with clause 3.8.7.	Dispatch ~~Tolerances~~ **Conformance Standards**. ~~Limits on the extent to which Trading Participants may deviate from dispatch targets determined by the System operator~~ **Standards that define whether or not dispatched Trading Participants comply with dispatch schedules and dispatch instructions for energy and reserves** in accordance with clause ~~3.8.7~~**3.8.5**.	The RCC adopted the PEMC proposal	Dispatch ~~Tolerances~~ **Conformance Standards**. ~~Limits on the extent to which Trading Participants may deviate from dispatch targets determined by the System operator~~ **Standards that define whether or not dispatched Trading Participants comply with dispatch schedules and dispatch instructions for energy and reserves** in accordance with clause ~~3.8.7~~**3.8.5**.	Same with clause 3.8.7
Glossary	11	NEW	**Dispatch Instruction. Refers to the instruction issued by the System Operator to Generation Companies with Scheduled Generating Units and the Generation Companies whose Generating Units will provide Ancillary Services to implement the final Dispatch Schedule in real time.**	Adopted by the RCC with enhancements from the DOE and Technical Committee	**Dispatch Instruction. Refers to the instruction issued by the System Operator to Trading Participants such as Generation Companies with Scheduled Generating Units and ~~the~~ to Generation Companies whose Generating Units will provide Ancillary Services to implement the final Dispatch Schedule in real time.**	For clarity.
Glossary	11	NEW	**Dispatch Interval. A five-minute period commencing every five (5) minutes according to the Timetable and clause 3.4.1.**	The RCC adopted the PEMC proposal	**Dispatch Interval. A five-minute period commencing every five (5) minutes according to the Timetable and clause 3.4.1.**	Same as clause 3.1
Glossary	11	**As adopted from DC2016-01-0002** Dispatch Schedule. The target loading levels in	Dispatch Schedule. The target loading levels in MW for each	The RCC adopted the PEMC proposal	Dispatch Schedule. The target loading levels in MW for each scheduled generating unit, must dispatch generating unit, priority dispatch generating unit, non-scheduled	Same as clause 3.1

Title	Section	Provision	Proposed Amendment	RCC Discussions (03 March 2016)	Proposed Amendment (RCC)	Rationale
		MW for each scheduled generating unit, must dispatch generating unit, priority dispatch generating unit, non-scheduled generating unit, scheduled load and reserve facility for the end of that trading interval, determined by the Market Operator through the use of a market dispatch optimization model in accordance with Clause 3.8.1.	scheduled generating unit, must dispatch generating unit, priority dispatch generating unit, non-scheduled generating unit, scheduled load and reserve facility for the end of that ~~trading~~ **dispatch** interval, determined by the Market Operator through the use of a market dispatch optimization model in accordance with Clause 3.8.1.		generating unit, scheduled load and reserve facility for the end of that ~~trading~~ **dispatch** interval, determined by the Market Operator through the use of a market dispatch optimization model in accordance with Clause 3.8.1.	
Glossary	11	Ex-Ante Energy Settlement Price. The ex-ante nodal energy price or the ex-ante zonal reserve price, as may be appropriate, determined in accordance with clause 3.10.12.	~~Ex-Ante~~ Energy Settlement Price. The ~~ex-ante~~ **weighted average** nodal energy **dispatch** price**s** or ~~the ex-ante~~ **zonal energy prices or** ~~zonal~~ reserve price**s**, as may be appropriate, **for the set of dispatch intervals corresponding to a settlement interval,** determined **for a market trading node** in accordance with clause ~~3.10.12~~**3.10.6**.	Adopted by the RCC with enhancements to address SNAP's comments	~~Ex-Ante~~ Energy Settlement Price. The ~~ex-ante~~ **scheduleweighted average**nodal energy **dispatch**price**s**~~or the ex-ante zonal reserve price, as may be appropriate,~~**for the set of dispatch intervals corresponding to a settlement interval,** determined **for a market trading node**in accordance with clause ~~3.10.12~~3.10.6. **Reserve Settlement Price. The schedule-weighted average price for each reserve area and reserve category in each settlement interval, determined in accordance with clause 3.10.7.**	Same as clauses3.1, and 3.10.1
Glossary	11	Ex-Ante Energy Settlement Quantity. The	~~Ex-Ante~~ Energy Settlement Quantity. The ~~gross~~ amount	The RCC adopted the PEMC proposal	~~Ex-Ante~~ Energy Settlement Quantity. The ~~gross~~ amount determined by the	Same as clause 3.10.1

Title	Section	Provision	Proposed Amendment	RCC Discussions (03 March 2016)	Proposed Amendment (RCC)	Rationale
		gross amount determined by the Market Operator in accordance with clause 3.13.5, and adjusted for bilateral contracts in accordance with clause 3.13.7.	determined by the Market Operator in accordance with clause ~~3.13.5~~**3.13.6**, and adjusted for bilateral contracts in accordance with clause 3.13.7.		Market Operator in accordance with clause ~~3.13.5~~**3.13.6**, and adjusted for bilateral contracts in accordance with clause 3.13.7.	
Glossary	11	NEW	**Energy Trading Amount. Determined as the energy settlement price for that node in that settlement interval multiplied by the energy settlement quantity (in MWh) for that node in that settlement interval in accordance with clause 3.13.8.**	The RCC adopted the PEMC proposal	**Energy Trading Amount. Determined as the energy settlement price for that node in that settlement interval multiplied by the energy settlement quantity (in MWh) for that node in that settlement interval in accordance with clause 3.13.8.**	• Same as clause 3.10.1 For consistency with the proposed amendments in clause 3.13.8
Glossary	11	Ex-Ante. A matter determined in relation to a trading interval before that trading interval commences.	Ex-Ante. A matter determined in relation to a ~~trading~~ **dispatch** interval before that ~~trading~~ **dispatch** interval commences.	The RCC adopted the PEMC proposal	Ex-Ante. A matter determined in relation to a ~~trading~~ **dispatch** interval before that ~~trading~~	Same as clause 3.1
Glossary	11	Ex-Ante Dispatch. The dispatch targets set for the end of a trading interval, immediately preceding the beginning of that trading interval.	~~Ex-Ante Dispatch. The dispatch targets set for the end of a trading interval, immediately preceding the beginning of that trading interval.~~	The RCC adopted the PEMC proposal	~~Ex-Ante Dispatch. The dispatch targets set for the end of a trading interval, immediately preceding the beginning of that trading interval.~~	Also refers to **dispatch schedule**.
Glossary	11	Ex-Ante Nodal Energy Price. The price determined by the Market Operator for a particular market network node and trading interval, immediately prior to	~~Ex-Ante~~ Nodal Energy **Dispatch** Price. The price determined by the Market Operator for a particular market network node and ~~trading~~ **dispatch** interval, immediately prior to	The RCC adopted the PEMC proposal.	~~Ex-Ante~~ Nodal Energy **Dispatch** Price. The price determined by the Market Operator for a particular market network node and ~~trading~~ **dispatch** interval, immediately prior to commencement of that ~~trading~~ **dispatch** interval, directly from the	Same as clause 3.1

Title	Section	Provision	Proposed Amendment	RCC Discussions (03 March 2016)	Proposed Amendment (RCC)	Rationale
		commencement of that trading interval, directly from the dispatch optimization for that trading interval in accordance with clause 3.10.2.	commencement of that ~~trading~~ **dispatch** interval, directly from the **market** dispatch optimization for that ~~trading~~ **dispatch** interval in accordance with clause 3.10.2. **In the case of market projections, the nodal energy price may be determined on a dispatch interval basis (hour ahead projections) or trading one hour interval basis (day ahead projections and week ahead projections).**		**market** dispatch optimization for that ~~trading~~ **dispatch** interval in accordance with clause 3.10.2. **In the case of market projections, the nodal energy price may be determined on a dispatch interval basis (hour ahead projections) or trading one hour interval basis (day ahead projections and week ahead projections).**	
Glossary	11	Ex-Ante Zonal Energy Price. The price determined by averaging ex-ante nodal energy prices in accordance with clause 3.10.3.	~~Ex-Ante~~ Zonal Energy Price. The price determined ~~by averaging ex-ante nodal energy prices~~ in accordance with clause 3.10.3 for each customer pricing zone under clause 3.2.3.	The RCC adopted the PEMC proposal	~~Ex-Ante~~ Zonal Energy Price. The price determined ~~by averaging ex-ante nodal energy prices~~ in accordance with clause 3.10.3 for each customer pricing zone under clause 3.2.3.	Same as clause 3.10.1
Glossary	11	Ex-post. A matter determined in relation to a trading interval after that trading interval concludes. Ex-Post Energy Settlement Price. The ex-post nodal energy price or the ex-post zonal energy price, as appropriate, determined in accordance with clause 3.10.12.	~~Ex-post. A matter determined in relation to a trading interval after that trading interval concludes.~~ ~~Ex-Post Energy Settlement Price. The ex-post nodal energy price or the ex-post zonal energy price, as appropriate, determined in accordance with clause 3.10.12.~~ ~~Ex-Post Energy Settlement~~	The RCC adopted the PEMC proposal	~~Ex-post. A matter determined in relation to a trading interval after that trading interval concludes.~~ ~~Ex-Post Energy Settlement Price. The ex-post nodal energy price or the ex-post zonal energy price, as appropriate, determined in accordance with clause 3.10.12.~~ ~~Ex-Post Energy Settlement Quantity. The amount determined by the System Operator in accordance with clause 3. 13.6.~~	Same as clause 3.10.1

Title	Section	Provision	Proposed Amendment	RCC Discussions (03 March 2016)	Proposed Amendment (RCC)	Rationale
		Ex-Post Energy Settlement Quantity. The amount determined by the System Operator in accordance with clause 3. 13.6. Ex-Post Nodal Energy Price. The price determined by the Market Operator for a particular market node and trading interval, after the end of that trading interval in accordance with clause 3.10.6. Ex-Post Zonal Energy Price. A price determined by averaging ex-post nodal energy prices in accordance with clause 3.10.11.	~~Quantity. The amount determined by the System Operator in accordance with clause 3. 13.6.~~ ~~Ex-Post Nodal Energy Price. The price determined by the Market Operator for a particular market node and trading interval, after the end of that trading interval in accordance with clause 3.10.6.~~ ~~Ex-Post Zonal Energy Price. A price determined by averaging ex-post nodal energy prices in accordance with clause 3.10.11.~~		~~Ex-Post Nodal Energy Price. The price determined by the Market Operator for a particular market node and trading interval, after the end of that trading interval in accordance with clause 3.10.6.~~ ~~Ex-Post Zonal Energy Price. A price determined by averaging ex-post nodal energy prices in accordance with clause 3.10.11.~~	
Glossary	11	Excess Generation. Generations which may be scheduled to occur in excess of load requirements, even though market energy prices have fallen to the market price floor, and which shall then be dealt with in accordance with clause 3.9.8.	Excess Generation. Generations which may be scheduled to occur in excess of load requirements, even though ~~market~~**nodal** energy **dispatch** prices have fallen to the market price floor, and which shall then be dealt with in accordance with clause 3.9.8.	Adopted by the RCC	Excess Generation. Generations which may be scheduled to occur in excess of load requirements, even though ~~market~~**nodal** energy **dispatch** prices have fallen to the market price floor, and which shall then be dealt with in accordance with clause 3.9.8.	Same as clause 3.10.2

Title	Section	Provision	Proposed Amendment	RCC Discussions (03 March 2016)	Proposed Amendment (RCC)	Rationale
Glossary	11	Generator Node. A market trading node at which electricity will normally be sold to the spot market and which is classified as a generator node in accordance with clause 3.2.2.2.	Generator **Market Trading** Node. A market trading node at which electricity will normally be sold to the spot market and which is classified as a generator **market trading** node in accordance with clause 3.2.2.2.	Adopted by the RCC	Generator **Market Trading** Node. A market trading node at which electricity will normally be sold to the spot market and which is classified as a generator **market trading** node in accordance with clause 3.2.2.2.	For clarity
Glossary	11	Gross Ex-Ante/Ex-Post Energy Settlement Quantity. The ex-ante/ex-post energy settlement quantity determined in accordance with clauses 3.13.5/3.13.6 for a market trading node, in a trading interval before any adjustment for bilateral contracts.	Gross ~~Ex-Ante/Ex-Post~~ Energy Settlement Quantity. The ~~ex-ante/ex-post~~ energy settlement quantity determined in accordance with clauses ~~3.13.5/~~3.13.6 for a market trading node, in a ~~trading~~ **settlement** interval before any adjustment for bilateral contracts.	Adopted by the RCC	Gross ~~Ex-Ante/Ex-Post~~ Energy Settlement Quantity. The ~~ex-ante/ex-post~~ energy settlement quantity determined in accordance with clauses ~~3.13.5/~~3.13.6 for a market trading node, in a ~~trading~~ **settlement** interval before any adjustment for bilateral contracts.	Same as clause 3.10.1
Glossary	11	NEW	**Hour Ahead Projection. Projections of market conditions for the dispatch intervals in the hour ahead determined and published by the Market Operator in accordance with clause 3.7.3.**	Adopted by the RCC	**Hour Ahead Projection. Projections of market conditions for the dispatch intervals in the hour ahead determined and published by the Market Operator in accordance with clause 3.7.3.**	Same as clause 3.1
Glossary	11	Interruptible Load. Means load that a Customer is able to interrupt at very short notice in response to: (a) A frequency deviation; or	Interruptible Load. Means load that a Customer is able to interrupt at very short notice in response to: (a) A frequency deviation; or (b) A request of the System operator, in order to meet ~~contingency reserve~~**applicable ancillary**	Adopted by the RCC	Interruptible Load. Means load that a Customer is able to interrupt at very short notice in response to: (a) A frequency deviation; or (b) A request of the System operator, in order to meet ~~contingency reserve~~**applicable ancillary service** requirements, subject to the	Consistent with clause 3.3

Title	Section	Provision	Proposed Amendment	RCC Discussions (03 March 2016)	Proposed Amendment (RCC)	Rationale
		(b) A request of the System operator, in order to meet contingency reserve requirements, subject to the requirements of the Grid Code and Distribution Code.	**service** requirements, subject to the requirements of the Grid Code and Distribution Code.		requirements of the Grid Code and Distribution Code.	
Glossary	11	Line Rental. The economic rental arising from the use of a transmission line, calculated as the difference in value between flows out of the receiving node of that line and flows into the sending node, in accordance with clause 3.13.12.	Line Rental. The economic rental arising from the use of a transmission line, calculated as the difference in value between flows out of the receiving node of that line and flows into the sending node, in accordance with clause ~~3.13.12~~**3.13.11**.	Adopted by the RCC	Line Rental. The economic rental arising from the use of a transmission line, calculated as the difference in value between flows out of the receiving node of that line and flows into the sending node, in accordance with clause ~~3.13.12~~**3.13.11**.	For consistency in the proposed amendments in clause 3.13.12.
Glossary	11	Load Weighted Average. An average produced by multiplying each nodal energy price by the load at that node, summing the results, and then dividing by the sum of the loads involved.	Load Weighted Average. An average produced by multiplying each nodal energy **dispatch** price by the load at that node, summing the results, and then dividing by the sum of the loads involved.	Adopted by the RCC	Load Weighted Average. An average produced by multiplying each nodal energy **dispatch** price by the load at that node, summing the results, and then dividing by the sum of the loads involved.	Same as clause 3.1
Glossary	11	Market Bid. A demand bid for a particular trading interval of a particular trading day in the current market horizon, whether formed from a standing bid in	Market Bid. A demand bid for a particular **dispatch interval corresponding to a settlement** interval of a particular trading day in the current market horizon, whether formed from a	Adopted by the RCC	Market Bid. A demand bid for a particular **dispatch interval corresponding to a settlement** interval of a particular trading day in the current market horizon, whether formed from a standing bid in accordance with clause 3.5.10 or	Same as clause 3.1

Title	Section	Provision	Proposed Amendment	RCC Discussions (03 March 2016)	Proposed Amendment (RCC)	Rationale
		accordance with clause 3.5.10 or revised by the relevant Trading Participant, in accordance with clause 3.5.11.	standing bid in accordance with clause 3.5.10 or revised by the relevant Trading Participant, in accordance with clause 3.5.11.		revised by the relevant Trading Participant, in accordance with clause 3.5.11.	
Glossary	11	Market Dispatch Optimization Model. The optimization model which contains the mathematical algorithm approved by the PEM Board to be used for the purposes of determining dispatch schedules and energy prices, and preparing market projections based on the price determination methodology approved by ERC.	Market Dispatch Optimization Model. The optimization model which contains the mathematical algorithm approved by the PEM Board to be used for the purposes of determining dispatch schedules and **nodal** energy **dispatch** prices, and preparing market projections based on the price determination methodology approved by ERC.	Adopted by the RCC with enhancements from the DOE	Market Dispatch Optimization Model. The optimization model which contains the mathematical algorithm ~~approved by the PEM Board~~ to be used for the purposes of determining dispatch schedules and **nodal**~~energy~~**dispatch** prices, and preparing market projections based on the price determination methodology approved by ERC.	Same as clause 3.10.2
Glossary	11	Market Network Model. A mathematical representation of the power system, which will be used for the purpose of determining dispatch schedules and energy prices, and preparing market projections.	Market Network Model. A mathematical representation of the power system, which will be used for the purpose of determining dispatch schedules and **nodal** energy **dispatch** prices, and preparing market projections.	Adopted by the RCC with enhancements from the Technical Committee	Market Network Model. A mathematical representation of the power system, which ~~will be~~**is** used for the purpose of determining dispatch schedules and **nodal**~~energy~~**dispatch** prices, and preparing market projections	Same as clause 3.10.2
Glossary	11	Market Offer. A generation offer for a particular trading interval of a particular trading day in the current market horizon, whether formed	Market Offer. A generation offer for a particular **dispatch interval corresponding to a** ~~trading~~ **settlement** interval of a particular trading day in the current market horizon,	The RCC adopted the PEMC proposal.	Market Offer. A generation offer for a particular **dispatch interval corresponding to a** ~~trading~~ **settlement** interval of a particular trading day in the current market horizon, whether formed from a	Same as clause 3.1

Title	Section	Provision	Proposed Amendment	RCC Discussions (03 March 2016)	Proposed Amendment (RCC)	Rationale
		from a standing offer in accordance with clause 3.5.10 or revised by the relevant Trading Participant, in accordance with clause 3.5.11.	whether formed from a standing offer in accordance with clause 3.5.10 or revised by the relevant Trading Participant~~,~~ in accordance with clause 3.5.11.		standing offer in accordance with clause 3.5.10 or revised by the relevant Trading Participant~~,~~ in accordance with clause 3.5.11.	
Glossary	11	Market Price. A generic term covering prices for energy and reserve, ex-ante or expost, nodal or zonal, as appropriate.	Market Price. A generic term covering prices for energy and reserve, ~~ex-ante or expost,~~ nodal or zonal, as appropriate.	The RCC adopted the PEMC proposal.	Market Price. A generic term covering prices for energy and reserve, ~~ex-ante or expost,~~ nodal or zonal, as appropriate.	Same as clause 3.10.1
Glossary	11	Market Projections. Week ahead or day ahead projections of spot market conditions, performed in accordance with clause 3.7.	Market Projections. Week ahead ~~or~~, day ahead**, or hour ahead** projections of spot market conditions, performed in accordance with clause 3.7.	The RCC adopted the PEMC proposal.	Market Projections. Week ahead ~~or~~, day ahead**, or hour ahead** projections of spot market conditions, performed in accordance with clause 3.7.	Same as clause 3.1
Glossary	11	Must-Run Unit (MRU). A generating unit identified and instructed, by the System Operator to either a) come on-line, or b) provide additional energy on a particular Trading Interval but the dispatch of which is said to be Out of Merit, to address System Security requirements. For clarity, MRU shall be utilized only after the System Operator has exhausted all available Ancillary Services. MRUs are classified as follows: a.	Must-Run Unit (MRU). A generating unit identified and instructed, by the System Operator to either a) come on-line, or b) provide additional energy on a particular ~~Trading~~ **dispatch** Interval but the dispatch of which is said to be Out of Merit, to address System Security requirements. For clarity, MRU shall be utilized only after the System Operator has exhausted all available Ancillary Services. MRUs are classified as follows: a. Scheduled MRU - MRU designated by the System Operator before the	The RCC adopted the PEMC proposal.	Must-Run Unit (MRU). A generating unit identified and instructed, by the System Operator to either a) come on-line, or b) provide additional energy on a particular ~~Trading~~ **dispatch** Interval but the dispatch of which is said to be Out of Merit, to address System Security requirements. For clarity, MRU shall be utilized only after the System Operator has exhausted all available Ancillary Services. MRUs are classified as follows: a. Scheduled MRU - MRU designated by the System Operator before the ~~trading~~ **dispatch** interval and included in the Real Time Dispatch schedule through the imposition of Security Limit as	Same as clause 3.1

Title	Section	Provision	Proposed Amendment	RCC Discussions (03 March 2016)	Proposed Amendment (RCC)	Rationale
		Scheduled MRU - MRU designated by the System Operator before the trading interval and included in the Real Time Dispatch schedule through the imposition of Security Limit as defined in the WESM Dispatch Protocol Manual. b Real-Time MRU - MRU designated by the System Operator within a trading interval.	~~trading~~ **dispatch** interval and included in the Real Time Dispatch schedule through the imposition of Security Limit as defined in the WESM Dispatch Protocol Manual. b Real- Time MRU - MRU designated by the System Operator within a ~~trading~~ **dispatch** interval.		defined in the WESM Dispatch Protocol Manual. b Real- Time MRU - MRU designated by the System Operator within a ~~trading~~ **dispatch** interval.	
Glossary	11	Net Settlement Surplus. The settlement surplus remaining after all market transactions have been accounted for, including the assignment of transmission line rentals to Network Service Providers. This remainder is assumed to be attributable to economic rentals arising from other binding constraints, and accounted for in accordance with clause 3.13.16.	Net Settlement Surplus. The settlement surplus remaining after all market transactions have been accounted for, including the assignment of transmission line rentals to Network Service Providers. This remainder is assumed to be attributable to economic rentals arising from other binding constraints, and accounted for in accordance with clause ~~3.13.16~~**3.13.14**.	The RCC adopted the PEMC proposal,.	Net Settlement Surplus. The settlement surplus remaining after all market transactions have been accounted for, including the assignment of transmission line rentals to Network Service Providers. This remainder is assumed to be attributable to economic rentals arising from other binding constraints, and accounted for in accordance with clause ~~3.13.16~~**3.13.14**.	For consistency in the proposed amendments in clause 3.13.16.
Glossary	11	Nodal Energy Price. The energy price at a node determined ex ante or ex-post.	~~Nodal Energy Price. The energy price at a node determined ex ante or ex-post~~	The RCC adopted the PEMC proposal.	~~Nodal Energy Price. The energy price at a node determined ex ante or ex-post~~	See proposed amendment on Ex-ante Nodal Energy Dispatch Price

Title	Section	Provision	Proposed Amendment	RCC Discussions (03 March 2016)	Proposed Amendment (RCC)	Rationale
			Nodal Energy Dispatch Price. The price determined by the Market Operator for a particular market trading node and dispatch interval, immediately prior to commencement of that dispatch interval, directly from the dispatch optimization for that dispatch interval in accordance with clause 3.10.2.	The RCC adopted the PEMC proposal.	**Nodal Energy Dispatch Price. The price determined by the Market Operator for a particular market trading node and dispatch interval, immediately prior to commencement of that dispatch interval, directly from the dispatch optimization for that dispatch interval in accordance with clause 3.10.2.**	Consistent with the proposed amendments in clause 3.10.2.
Glossary	11	Pricing error notice. A notice issued in accordance with clause 3.9.6 advising the market that the ex ante prices for a particular trading interval are unavailable, or invalid.	Pricing error notice. A notice issued in accordance with clause 3.9.6 advising the market that the ~~ex ante~~ prices for a particular ~~trading~~ **dispatch** interval are unavailable, or invalid.	Adopted by the RCC with enhancements from the Technical Committee	Pricing error notice. A notice issued in accordance with clause 3.9.6 advising the market that ~~the~~**ex ante** prices for a particular ~~trading~~ **dispatch** interval are unavailable, or invalid.	Same as clause 3.1
Glossary	11	**As adopted from DC2016-01-0002** Projected Output. The loading level nominated by a generation company for its must dispatch generating units or priority dispatch generating units indicating the forecasted output of its must dispatch generating unit or priority dispatch	Projected Output. The loading level nominated by a generation company for its must dispatch generating units or priority dispatch generating units indicating the forecasted output of its must dispatch generating unit or priority dispatch generating unit at the end of a ~~trading~~ **dispatch** interval.	The RCC adopted the PEMC proposal.	Projected Output. The loading level nominated by a generation company for its must dispatch generating units or priority dispatch generating units indicating the forecasted output of its must dispatch generating unit or priority dispatch generating unit at the end of a ~~trading~~ **dispatch** interval.	Same as clause 3.1

Title	Section	Provision	Proposed Amendment	RCC Discussions (03 March 2016)	Proposed Amendment (RCC)	Rationale
		generating unit at the end of a trading interval.				
Glossary	11	Projection. A set of results derived in accordance with clause 3.7 from a series of market dispatch optimization model runs describing projected market conditions over a day-ahead or week-ahead market horizon for a particular scenario of net forecast load, and set of assumptions with respect to availability of key system elements.	Projection. A set of results derived in accordance with clause 3.7 from a series of market dispatch optimization model runs describing projected market conditions over a day-ahead, ~~or~~ week-ahead **or hour ahead** market horizon for a particular scenario of net forecast load, and set of assumptions with respect to availability of key system elements.	Adopted by the RCC with enhancements from the Technical Committee	Projection. A set of results derived in accordance with clause 3.7 from a series of market dispatch optimization model runs describing projected market conditions over a**nhour-ahead**, day-ahead**or** week-ahead**~~or hour ahead~~** market horizon for a particular scenario of net forecast load, and set of assumptions with respect to availability of key system elements.	For consistency with the proposed implementation of hour ahead projections
Glossary	11	Receiving node. For a transmission line, the node from which there is a net flow of electricity out of that line in a particular trading interval to be accounted for in determining the line rental, in accordance with clause 3.13.12. For a transmission right, the node to which the issuer of the transmission right is deemed to guarantee transfer of electricity, to be advised to the Market Operator in accordance with clause 3.13.2 and accounted for in	Receiving node. For a transmission line, the node from which there is a net flow of electricity out of that line in a particular ~~trading~~ **settlement** interval to be accounted for in determining the line rental, in accordance with clause ~~3.13.12~~**3.13.11**. For a transmission right, the node to which the issuer of the transmission right is deemed to guarantee transfer of electricity, to be advised to the Market Operator in accordance with clause 3.13.2 ~~and accounted for in accordance with clause 3.13.15.~~	The RCC clarified the definition of Receiving node.	Receiving node. For a transmission line, the node from which there is a net flow of electricity ~~out~~ **into** ~~of~~ that line in a particular ~~trading~~ **settlement** interval to be accounted for in determining the line rental, in accordance with clause ~~3.13.12~~**3.13.11**. For a transmission right, the node to which the issuer of the transmission right is deemed to guarantee transfer of electricity, to be advised to the Market Operator in accordance with clause 3.13.2 ~~and accounted for in accordance with clause 3.13.15.~~	For consistency in the proposed amendments clauses 3.13.12 and 3.13.15.

Title	Section	Provision	Proposed Amendment	RCC Discussions (03 March 2016)	Proposed Amendment (RCC)	Rationale
		accordance with clause 3.13.15.				
Glossary	11	Reserve. Contingency reserve or regulating reserve.	**Reserve. Ancillary services that are traded in the WESM.**	The RCC adopted the PEMC proposal.	**Reserve. Ancillary services that are traded in the WESM.**	General definition to ensure consistency with the proposed amendments in clause 3.3.
Glossary	11	Reserve Effectiveness Factor. A factor to define the effectiveness of reserve from a particular type of reserve provider in meeting requirements for particular reserve categories.	~~Reserve Effectiveness Factor. A factor to define the effectiveness of reserve from a particular type of reserve provider in meeting requirements for particular reserve categories.~~	The RCC adopted the PEMC proposal.	~~Reserve Effectiveness Factor. A factor to define the effectiveness of reserve from a particular type of reserve provider in meeting requirements for particular reserve categories.~~	Same as clause 3.3.7.4.
Glossary	11	Reserve Facility Category. A particular type of reserve facility, characterized by its technology (eg interruptible load, synchronized generation, non-synchronized generation) which is reflected in the type of offer it can make, and the reserve effectiveness factor.	Reserve Facility Category. A particular type of reserve facility, characterized by its technology (eg interruptible load, synchronized generation, non-synchronized generation) which is reflected in the type of offer it can make~~, and the reserve effectiveness factor~~.	The RCC adopted the PEMC proposal.	Reserve Facility Category. A particular type of reserve facility, characterized by its technology (eg interruptible load, synchronized generation, non-synchronized generation) which is reflected in the type of offer it can make~~, and the reserve effectiveness factor~~	Same as clause 3.3.7.4.
Glossary	11	NEW	**Reserve Trading Amount. Determined as the reserve trading price for that reserve area in that settlement interval multiplied by the reserve settlement quantity for that Trading Participant in that reserve area for that**	The RCC agreed to reword the proposal. Mr. Sunico suggested to separate the sentences into two for clarity.	**Reserve Trading Amount. Determined for each Trading Participant who supplies reserve. This is computed as the reserve settlement price multiplied by the reserve settlement quantity for each**	For consistency in the proposed amendments in clause 3.13.10.

Title	Section	Provision	Proposed Amendment	RCC Discussions (03 March 2016)	Proposed Amendment (RCC)	Rationale
			settlement interval in accordance with clause 3.13.9.		**reserve region and settlement interval.**	
Glossary	11	Run. A particular instance of the market dispatch optimization model performed for a particular trading interval, or a set of such instances model performed for all the trading intervals in a market horizon.	Run. A particular instance of the market dispatch optimization model performed for a particular ~~trading~~ **dispatch** interval, or a set of such instances model performed for all the ~~trading~~ **dispatch** intervals in a market horizon.	Adopted by the RCC with enhancements from the Technical Committee	**Market** Run. A particular instance of the market dispatch optimization model performed for a particular ~~trading~~ **dispatch** interval, or a set of such instances model performed for all the ~~trading~~ **dispatch** intervals in a market horizon.	Same as clause 3.1
Glossary	11	Sending node. For a transmission line, the node into which there is a net flow of electricity out of that line in a particular trading interval to be accounted for in determining the line rental, in accordance with clause 3.13.12. For a transmission right, the node from which the issuer of the transmission right is deemed to guarantee transfer of electricity, to be advised to the Market Operator in accordance with clause 3.13.2 and accounted for in accordance with clause 3.13.15.	Sending node. For a transmission line, the node into which there is a net flow of electricity out of that line in a particular ~~trading~~ **settlement** interval to be accounted for in determining the line rental, in accordance with clause ~~3.13.12~~**3.13.11**. For a transmission right, the node from which the issuer of the transmission right is deemed to guarantee transfer of electricity, to be advised to the Market Operator in accordance with clause 3.13.2~~and accounted for in accordance with clause 3.13.15.~~	The RCC adopted the PEMC proposal .	Sending node. For a transmission line, the node into which there is a net flow of electricity out of that line in a particular ~~trading~~ **settlement** interval to be accounted for in determining the line rental, in accordance with clause ~~3.13.12~~**3.13.11**. For a transmission right, the node from which the issuer of the transmission right is deemed to guarantee transfer of electricity, to be advised to the Market Operator in accordance with clause 3.13.2~~and accounted for in accordance with clause 3.13.15.~~	For consistency in the proposed amendments in clauses 3.13.12 and 3.13.15.

Title	Section	Provision	Proposed Amendment	RCC Discussions (03 March 2016)	Proposed Amendment (RCC)	Rationale
Glossary	11	Settlement Amount. The amount payable by or to a Trading Participant, or Network Service Provider, in respect of a billing period as determined by the Market Operator under clause 3.13.14 or clause 3.13.15.	Settlement Amount. The amount payable by or to a Trading Participant, or Network Service Provider, in respect of a billing period as determined by the Market Operator under clause ~~3.13.14~~**3.13.13**or clause 3.13.15.	The RCC adopted the PEMC proposal.	Settlement Amount. The amount payable by or to a Trading Participant, or Network Service Provider, in respect of a billing period as determined by the Market Operator under clause ~~3.13.14~~**3.13.13**or clause 3.13.15.	For consistency in the proposed amendments in clauses 3.13.14.
Glossary	11	NEW	**Settlement interval. A 1-hour period commencing on the hour according to the Timetable and clause 3.4.2.**	The RCC adopted the PEMC proposal.	**Settlement interval. A 1-hour period commencing on the hour according to the Timetable and clause 3.4.2.**	For consistency in the proposed amendments in clause 3.4.2
Glossary	11	Settlement Price. An ex-ante or ex-post energy settlement price.	Settlement Price. An ~~ex-ante or ex-post~~ energy **or reserve** settlement price.	The RCC adopted the PEMC proposal.	Settlement Price. An ~~ex-ante or ex-post~~ energy **or reserve** settlement price.	Same as clause 3.10.1
Glossary	11	Settlement Quantity. An ex-ante or ex-post energy settlement quantity, or a zonal reserve settlement quantity.	Settlement Quantity. An ~~ex-ante or ex-post~~ energy settlement quantity, or a ~~zonal~~ reserve settlement quantity.	Adopted by the RCC with enhancements from the Technical Committee	Settlement Quantity. An ~~ex-ante or ex-post~~ energy ~~settlement quantity~~, or a ~~zonal~~ reserve settlement quantity.	Same as clauses 2.3.1.3 and 3.10.1
Glossary	11	Suspension Notice. A notice issued by the Market Operator under clause 3.15.7.	Suspension Notice. A notice issued by the Market Operator under clause ~~3.15.7~~**3.15.8**.	The RCC adopted the PEMC proposal.	Suspension Notice. A notice issued by the Market Operator under clause ~~3.15.7~~**3.15.8**.	Correction of clerical error. Issuance of suspension notice is provided under 3.15.8.
Glossary	11	NEW	**Technical Committee. The committee of that name established in accordance with clause 1.7.**	The RCC adopted the PEMC proposal.	**Technical Committee. The committee of that name established in accordance with clause 1.7.**	For consistency since other WESM Governance Committees are defined.
Glossary	11	Timetable. The timetable prepared by the Market Operator for operation of	Timetable. The timetable prepared by the Market Operator for operation of the	The RCC adopted the PEMC proposal .	Timetable. The timetable prepared by the Market Operator for operation of	For consistency in the proposed

Title	Section	Provision	Proposed Amendment	RCC Discussions (03 March 2016)	Proposed Amendment (RCC)	Rationale
		the spot market in accordance with clause 3.4.2.	spot market in accordance with clause ~~3.4.2~~3.4.3.		the spot market in accordance with clause ~~3.4.2~~3.4.3.	amendments in 3.4.2 and 3.4.3,
Glossary	11	Trading Amount. The amount to be paid by, or paid to a Trading Participant, or Network Service Provider in respect of energy, reserve, line rentals, or transmission rights calculated in accordance with clauses 3.13.7, 3.13.8, 3.13.9, 3.13.10, or 3.13.14 respectively.	Trading Amount. The amount to be paid by, or paid to a Trading Participant, or Network Service Provider in respect of energy, reserve, line rentals, or transmission rights calculated in accordance with clauses 3.13.7, 3.13.8, 3.13.9, ~~3.13.10~~, or ~~3.13.14~~3.13.13 respectively.	The RCC adopted PEMC proposal.	Trading Amount. The amount to be paid by, or paid to a Trading Participant, or Network Service Provider in respect of energy, reserve, line rentals, or transmission rights calculated in accordance with clauses 3.13.7, 3.13.8, 3.13.9, ~~3.13.10~~, or ~~3.13.14~~3.13.13 respectively.	For consistency in the proposed amendments in clauses 3.13.10 and 3.13.14.
Glossary	11	Trading interval. A 1-hour period commencing on the hour .	~~Trading interval. A 1-hour period commencing on the hour .~~	The RCC adopted the PEMC proposal,	~~Trading interval. A 1-hour period commencing on the hour .~~	See Dispatch Interval.
Glossary	11	Transmission Right. The right to financial compensation based on differences between nodal energy prices at different market trading nodes as notified under clause 3.13.2, and settled in accordance with clause 3.13.15.	Transmission Right. The right to financial compensation based on differences between nodal energy **dispatch** prices at different market trading nodes as notified under clause ~~3.13.2~~ 3.13.3, and settled in accordance with clause ~~3.13.15~~.3.13.12.	The RCC adopted the PEMC proposal.	Transmission Right. The right to financial compensation based on differences between nodal energy **dispatch** prices at different market trading nodes as notified under clause ~~3.13.2~~ 3.13.3, and settled in accordance with clause ~~3.13.15~~.3.13.12.	Consistent with the proposed amendments on the definition of nodal energy prices and clauses 3.13.2 and 3.13.15.
Glossary	11	Week Ahead Projections. The projections performed for the week-ahead market horizon by the Market Operators accordance with clause 3.7.1.	Week Ahead Projections. The projections performed for the week-ahead market horizon by the Market Operators**in** accordance with clause 3.7.1.	The RCC adopted the PEMC proposal.	Week Ahead Projections. The projections performed for the week-ahead market horizon by the Market Operators**in** accordance with clause 3.7.1.	Clerical correction.

Title	Section	Provision	Proposed Amendment	RCC Discussions (03 March 2016)	Proposed Amendment (RCC)	Rationale
Glossary	11	WESM Participants. All Generation Companies, Distribution Utilities, Suppliers, Aggregators, End-users, the TRANSCO or its Buyer or Concessionaire, IPP Administrators, and other entities authorized by the ERC to participate in the WESM in accordance with the Act.	WESM Participants. All ~~Generation Companies, Distribution Utilities, Suppliers, Aggregators, End-users, the TRANSCO or its Buyer or Concessionaire, IPP Administrators, and other~~ entities **under clause 2.2.1 that are** authorized by the ERC to participate in the WESM in accordance with the Act.	The RCC adopted the PEMC proposal.	WESM Participants. All ~~Generation Companies, Distribution Utilities, Suppliers, Aggregators, End-users, the TRANSCO or its Buyer or Concessionaire, IPP Administrators, and other~~ entities **under clause 2.2.1 that are** authorized by the ERC to participate in the WESM in accordance with the Act.	Examples are provided under clause 2.2.1
Glossary	11	Zonal Energy Price. An ex-ante or ex-post zonal energy price.	Zonal Energy Price. ~~An ex-ante or ex-post zonal energy price.~~ **The price determined in accordance with clause 3.10.3 for each customer pricing zone under clause 3.2.3.**	The RCC adopted the PEMC proposal.	Zonal Energy Price. ~~An ex-ante or ex-post zonal energy price.~~ **The price determined in accordance with clause 3.10.3 for each customer pricing zone under clause 3.2.3.**	Same as clause 3.10.1
Glossary	11	Zonal Reserve Price. The price for reserve in a particular supply zone, and trading interval, determined in accordance with clause 3.10.10.	~~Zonal~~ Reserve Price. The price for reserve in a particular ~~supply zone~~ **reserve area** and **dispatch** ~~trading~~ interval, determined in accordance with clause ~~3.10.10~~**3.10.7**.	The RCC adopted the PEMC proposal.	~~Zonal~~ Reserve Price. The price for reserve in a particular ~~supply zone~~ **reserve region** and **dispatch** ~~trading~~ interval, determined in accordance with clause ~~3.10.10~~**3.10.7**.	For consistency in the proposed amendments in clause 3.10.10.
Glossary	11	Zonal Reserve Settlement Quantity. The amount of reserve deemed to have been supplied by a reserve supplier in a particular reserve region and trading interval, determined in	~~Zonal~~ Reserve Settlement Quantity. The amount of reserve deemed to have been supplied by a reserve supplier in a particular reserve ~~region~~ **area** and ~~trading~~**settlement** interval, determined in accordance with clause 3.13.4.	The RCC adopted the PEMC proposa.l	~~Zonal~~ Reserve Settlement Quantity. The amount of reserve deemed to have been supplied by a reserve supplier in a particular reserve regionand ~~trading~~**settlement** interval, determined in accordance with clause ~~3.13.4~~ **3.13.5**.	Same as clause 2.3.1.3

Title	Section	Provision	Proposed Amendment	RCC Discussions (03 March 2016)	Proposed Amendment (RCC)	Rationale
		accordance with clause 3.13.4.				
Generation Offer	Appendix A1.1	**As adopted from DC2016-01-0002** Generation offers: (a) Shall include the location of the connection point and relevant market network node; (b) Shall include the pricing zone of the connection point, (c) May include up to ten (10) energy offer blocks per (aggregate) unit. The maximum combined capacity of generation and reserve offers must not be less than the maximum available capacity of the generator. (d) Shall be for a minimum block size of one (1) MW; (e) Shall have monotonically increasing prices, starting from zero generation; (f) May include negative prices; (g) Shall include maximum up/down ramp rates; and	Generation offers: (a) ~~Shall include the location of the connection point and relevant market network node;~~ ~~(b) Shall include the pricing zone of the connection point,~~ ~~(c)~~ May include up to ten (10) ~~energy~~ **generation** offer blocks per (aggregate) unit. The maximum combined capacity of generation and reserve offers must not be less than the maximum available capacity of the generator. (d) Shall be for a minimum block size of one (1) MW; (e) Shall have monotonically increasing prices, starting from zero generation; (f) May include negative prices; **and** (g) Shall include **minimum and** maximum up/down ramp rates~~; and~~ ~~(h) Shall include an operating range (upper and lower limit)~~.	The RCC adopted the PEMC proposal.	Generation offers: (a) ~~Shall include the location of the connection point and relevant market network node;~~ ~~(b) Shall include the pricing zone of the connection point,~~ ~~(c)~~ May include up to ten (10) ~~energy~~ **generation** offer blocks per (aggregate) unit. The maximum combined capacity of generation and reserve offers must not be less than the maximum available capacity of the generator. ~~(d)~~**(b)** Shall be for a minimum block size of one (1) MW; ~~(e)~~**(c)** Shall have monotonically increasing prices, starting from zero generation; ~~(f)~~**(d)** May include negative prices; **and** ~~(g)~~**(e)**Shall include **minimum and** maximum up/down ramp rates~~; and~~ ~~(h) Shall include an operating range (upper and lower limit)~~.	For consistency in the proposed amendments in clause 3.5.5.2.

Title	Section	Provision	Proposed Amendment	RCC Discussions (03 March 2016)	Proposed Amendment (RCC)	Rationale
		(h) Shall include an operating range (upper and lower limit).				
Reserve Offers	Appendix A1.2	**As adopted from DC2016-01-0002** A1.2 Reserve Offers Regulation reserve offers from Generation Companies shall consist of: (a) xxx (d) A minimum block size of one (1) MW; and (e) Monotonically increasing prices starting from zero for the first offer block, which shall correspond to the mandatory reserve capability required from that Generation Company under its connection agreement. Contingency reserve offers from Generation Companies shall consist of: (a) xxx (g) xxx Contingency reserve offers from Customers shall consist of: (a) xxx	A1.2 Reserve Offers ~~Regulation reserve~~ **Reserve** offers from Generation Companies shall consist of: (a) xxx (d) A minimum block size of one (1) MW; and (e) Monotonically increasing prices starting from zero for the first offer block, which shall correspond to the mandatory reserve capability required from that Generation Company under its connection agreement. ~~Contingency reserve offers from Generation Companies shall consist of:~~ ~~(a) xxx~~ ~~(g) xxx~~ ~~Contingency reserve~~ **Reserve** offers from Customers shall consist of: (a) xxx (b) xxx (c) xxx (d) A minimum block size of one (1) MW; and	The RCC adopted the PEMC proposal.	A1.2 Reserve Offers ~~Regulation reserve~~ **Reserve** offers from Generation Companies shall consist of: (a) xxx (d) A minimum block size of one (1) MW; and (e) Monotonically increasing prices starting from zero for the first offer block, which shall correspond to the mandatory reserve capability required from that Generation Company under its connection agreement. ~~Contingency reserve offers from Generation Companies shall consist of:~~ ~~(a) xxx~~ ~~(g) xxx~~ ~~Contingency reserve~~ **Reserve** offers from Customers shall consist of: (a) xxx (b) xxx (c) xxx	• For consistency in the proposed amendments in clause 3.3. • Renumbering •

Title	Section	Provision	Proposed Amendment	RCC Discussions (03 March 2016)	Proposed Amendment (RCC)	Rationale
		(b) xxx (c) xxx (d) A minimum block size of one (1) MW; and (e) Monotonically increasing prices.	(e) Monotonically increasing prices.			
Information to be Supplied by Network Service Provider	Appendix A2	Network Characteristics Most of these information will be supplied as standing data which will be updated only as required for a trading interval.	Network Characteristics Most of these information will be supplied as standing data which will be updated only as required for a ~~trading~~ **dispatch** interval.	The RCC adopted the PEMC proposal.	Network Characteristics Most of these information will be supplied as standing data which will be updated only as required for a ~~trading~~ **dispatch** interval.	For consistency in the proposed amendments in clause 3.1.

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