MINUTES OF MEETING



Rules Change Committee 155th Regular Meeting (No. 2019-08) 16 August 2019, 9:00 AM – 12:00 PM 19/F IEMOP Executive Board Room, Robinsons Equitable Tower Ortigas Center, Pasig City

I. Call to Order Image: Constraint of Co	Agenda	Presenter	Action Required
II. Determination of Quorum Mr. Francisco L.R. Castro, Jr. (Independent) called the meeting to order at 9:11 AM. Attendance List In-attendance In-attendance Not In-attendance Rules Change Committee Not In-attendance Principal Members: Jose Ildebrando Independent Generation (NorthWind) Francisco Leodegario R. Castro, Jr. – Jose Ildebrando Independent Concepcion I. Tanglao – Independent Allan C. Nerves – Independent Generation (NorthWind) Abrer B. Tolentino – Generation (PSALM) Cherry A. Javier – Generation (APC) Dixie Anthony R. Banzon – Generation (MPPCL) Ryan S. Morales – Distribution (INEC) Ricardo G. Gumalal – Distribution (ILPI) Virgilio C. Fortich, Jr. – Distribution (ILPI) Virgilio C. Fortich, Jr. – Distribution (ILPI) Listibution (ILPI) Virgilio C. Fortich, Jr. – Distribution Level A. Supply (TPEC)	I. Call to Order		
In-attendanceNot In-attendanceRules Change CommitteePrincipal Members:Maila Lourdes G. de Castro, Chairperson – IndependentFrancisco Leodegario R. Castro, Jr. – IndependentConcepcion I. Tanglao – IndependentAllan C. Nerves – IndependentAbner B. Tolentino – Generation (PSALM) Cherry A. Javier – Generation (APC)Dixie Anthony R. Banzon – Generation (MPPCL)Ryan S. Morales – Distribution (INEC) Ricardo G. Gumalal – Distribution (ILPI) Virgilio C. Fortich, Jr. – Distribution (CEBECO III) Lorreto H. Rivera – Supply (TPEC)			Mr. Francisco L.R. Castro, Jr. (Independent) called the meeting to order at
Rules Change CommitteePrincipal Members:Maila Lourdes G. de Castro, Chairperson – IndependentFrancisco Leodegario R. Castro, Jr. – IndependentConcepcion I. Tanglao – IndependentAllan C. Nerves – IndependentAbner B. Tolentino – Generation (PSALM) Cherry A. Javier – Generation (APC)Dixie Anthony R. Banzon – Generation (MPPCL)Ryan S. Morales – Distribution (INEC) Ricardo G. Gumalal – Distribution (ILPI) Virgilio C. Fortich, Jr. – Distribution (CEBECO III) Lorreto H. Rivera – Supply (TPEC)			
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REF	NO.: RCC-MIN-19-08			
DOE	Observers:			
Ryan	Jaspher Villadiego			
PEM	<u>C – Market Assessment Group (MAG)</u>			
Aldjo	Mark S. Catriz n Kenneth M. Yap e Gayle C. Cruz			
PEM	<u>C – Legal</u>			
Atty.	Monica M. Martin			
IEMC	<u>DP</u>			
Section 1.	nond Marqueses a Gregorio			
	Agenda	Presenter		Action/s Taken
III. <i>I</i>	Adoption of the Agenda	Secretariat	Ар	proved as revised
	Agenda	Presenter		Action/s Taken
	Review of the Minutes of the Previous Meeting (154 th Meeting, 19 July 2019)	Secretariat	Ар	proved as revised
	Matters Arising from Previous Meetings			
V. I				
V. I	Agenda	Presenter		Action/s Taken

- Representing the proponent, Mr. Raymond Marqueses (IEMOP) assisted the RCC in 1
- 2 their deliberation of the subject proposal which is a re-submission of an urgent
- proposed amendments that was approved by the PEM Board and immediately took 3
- effect in March 2019¹. The re-submission is in compliance with Section 7.4 (b) of the 4

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¹ Section 7.4 (a) of WESM Manual on Procedures for Changes to the WESM and Retail Rules and Market Manuals. The approved urgent amendment shall become effective within twenty-four (24) hours upon publication of the relevant Rules and/or Market Manual(s) in the market information website.

- 5 WESM Manual on Procedures for Changes to the WESM and Retail Rules and Market 6 Manuals.
- 6 7
- 8 Comments to the proposal were received from Hedcor, Inc. and MERALCO.
- 9

10 The RCC noted that the general proposal includes revisions to both the prevailing 11 WESM Manual on Billing and Settlement (Issue 5.0) and to the version of the same 12 Manual for enhanced market design (DOE approved per DC2018-06-0017) since the

- 13 changes are to be applied for the current and new market design.
- 14
- 15 See Annex A for the RCC's discussion and agreements on the proposal.
- 16

17 The RCC approved the submission of the revised proposal to the PEM Board as 18 embodied in RCC Resolution No. 2019-12.

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Agenda	Presenter		Action/s Taken
5.2. Deliberation on IEMOP's Proposed Amendments to the WESM CVC and Pricing Re-run Manual to Include Additional CVCs to Reflect the Dispatch Hierarchy of Self- scheduled Generation	IEMOP	e	Approved for ndorsement to the PEM Board as amended

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22 The RCC deliberated the subject proposal which received comments from SPC Power

23 Corporation. The proposal intends to add constraint violations and corresponding

24 coefficients reflecting the dispatch and curtailment hierarchy for non-scheduled,

25 priority dispatch and must-dispatch generating units.

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27 See Annex B for the RCC's discussion and agreements on the proposal.

The RCC approved the submission of the revised proposal to the PEM Board as
 embodied in RCC Resolution No. 2019-13.

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Agenda	Presenter	Action/s Taken
5.3. Deliberation on IEMOP's Proposed Amendments to the WESM Rules and WESM Manuals Providing the Framework Governing the	IEMOP	Approved for endorsement to the PEM Board as amended

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Ag	enda		Presenter	Action/s Taken
Operations Generators	of	Embedded		

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34 Comments to the proposal were received from PEMC, the Technical Committee,

35 NGCP, Panasia/Millennium Energy Inc. and MERALCO. These comments, together

36 with IEMOP's response as the proponent, were considered during the RCC's

- 37 deliberation.
- 38

39 See Annex C for the matrix of the RCC's discussion and agreements.

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41 The RCC approved the submission of the revised proposal to the PEM Board.

- 42 43
 - Agenda Presenter Action/s Taken 5.4. Deliberation on the Proposed Amendments to the WESM Rules and WESM Registration Manual to Approved for Harmonize with R.A. 11234 ("Energy IEMOP endorsement to the PEM Virtual One-Stop Shop Act") and Board as submitted Additional Requirements for Deregistration and Cessation

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45 The RCC proceeded to deliberate the subject proposal which did not receive any 46 comments. This proposal intends to reflect 'calendar' days instead of 'working' days in

47 the timeline of certain registration procedures.

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49 See Annex D for the matrix of the RCC's discussion and agreements.

51 The RCC approved the submission of the revised proposal to the REM Board.

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Agenda	Presenter		Action/s Taken
6.1. Proposed Amendments to the WESM Manual on Dispatch Protocol for the Optimal Timing of Market Runs	IEMOP	-9	Approved for publication as submitted. Requested IEMOF to provide data on the conduct of parallel operations to serve as RCC's additional reference for the proposed change in the timin of market runs

64 which will amend the WESM Rules and Dispatch Protocol Manual for the enhanced 65 market design, specifically regarding the timelines for Day-Ahead Projections (DAP)

66 and Hour-Ahead Projections/Real-Time Dispatch (HAP/RTD).

67

68 IEMOP explained that during parallel operations, the actual system performance in 69 executing DAP and HAP/RTD processes were not aligned with the timelines 70 prescribed in the Dispatch Protocol Manual (enhanced market design) which were 71 based on initial estimates. The proposal then seeks to adjust the DAP and HAP/RTD 72 fimelines based on the results of the parallel operations and also to consider the 73 System Operator's processing time (see Annex E for presentation slides). The 74 proposal is summarized as follows:

- 75 76 • Da
 - Day-Ahead Projections
 Deadline for participant submissions is moved ten (10) minutes earlier
 - Deadline for system operator inputs, market operator forecasts, and execution of the DAP is moved by one (1) minute earlier
 - Deadline for publication of results in the Market Participant Interface (MPI) and transmittal of the results to the SO is moved ten (10) minutes later
- 84 Hour-Ahead Projections / Real-Time Dispatch
- 85

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86 87 Deadline for participant submissions is moved one (1) minute earlier
 Deadline for transmittal of the results to the SO is moved one (1) minute

Deadline for transmittal of the results to the SO

88

Noting that the proposal seeks to move the timelines by mere 1 to 10 minutes earlier
 than the original, Mr. Ambrocio R. Rosales (NGCP-System Operator) asked what the

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91 advantage would be with such a small adjustment. Further, he also opined that moving

92 the deadlines of the DAP and HAP/RTD processes further from the target dispatch

93 interval may fail to capture actual system conditions for the target interval.

94

Mr. Marqueses informed that the proposal is also based on a request from the SO to move one (1) minute earlier the MO's transmittal to the SO of HAP/RTD results in order to provide SO applications more processing time. Mr. Rosales countered that this SO request may not be needed at all since it does not actually take time for the SO application to run once the SO picks up the RTD schedule from the MO.

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Mr. Isidro E. Cacho, Jr. (IEMOP-Market Operator) explained further that though the processing time before the release of RTD schedules were already shortened due to the 5-minute dispatch interval, it turned out that there are still processes that must be considered such as the window of time the system needs to gather the increased input data from Market Participants and latency delays in transmitting the market run results to the SO.

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108 Given the initial comments, the RCC requested the IEMOP to present the actual 109 results of the parallel operations that it used as basis in their proposed revisions to the 110 market run timelines. This request notwithstanding, the RCC approved the publication

111 of the proposal in the PEMC website to solicit comments from stakeholders.

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Agenda	Presenter		Action/s Taken
5.2. Proposed Amendments to the (i) WESM Manual on Registration, Suspension and De-registration Criteria and Procedures and (ii) WESM Manual on Market Network Model Criteria and Procedures to Clarify Procedures for the Registration of a New Load Facility	IEMOP	.0	Approved for publication as submitted. Requested IEMOP to identify Trading Participants with new load facilities that withdrew from the grid but were not (initially) registered in the WESM

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115 Representing the proponent, Mr. Marqueses from the IEMOP presented an overview 116 of the subject proposal which seeks to provide procedures in registering additional 117 load facilities of existing participants (e.g., additional connection point of DU, station 118 use of GenCos). The proposed provisions would ensure better monitoring of new 119 withdrawal points that have to be settled in the WESM. The new provisions are 120 summarized below (see Annex E for presentation slides):

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122 123 124 125 126 127	 New provisions for registration of load facilities: Requirement for WESM member to register new load facilities Reference to existing technical and commercial requirements Application of procedures and timelines for the registration of new WESM members (max 15 days)
128 129	 New load facilities cannot withdraw from the grid unless registered in the WESM
130 131 132 133 134 135	Mr. Cacho, Jr. expounded that there are cases when the MO was forced to register an additional load facility as it was informed that the facility will already be energized. These WESM Members should have coordinated with the MO beforehand for the registration of their additional load facility in the market.
136 137 138 139	Since these cases also concern the SO and its procedures, Mr. Rosales requested IEMOP to identify who these WESM Members were that did not go through the proper registration process, to which the body agreed.
140 141	The RCC approved the publication of the proposal in the PEMC website to solicit comments from stakeholders.

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	Agenda	Presenter		Action/s Taken
6.3.	Proposed Amendments to the Retail Rules and Various Retail Manuals to Harmonize with ERC Rules Supplementing the Switching and Billing Process and Adopting a Disconnection Policy for Contestable Customers	IEMOP	9 9	Approved for publication as submitted. Requested IEMOP to check this proposal with a previous one which may already have similar contents

144

Mr. Marqueses continued with a presentation summarizing the subject proposal, which intends to add among the requirements for Contestable Customer (CC) switch requests a certification of full compliance with financial obligations from that CC's distribution utility or the incumbent supplier (see Annex E for presentation slides). This is consistent with Section 2 of ERC Resolution No. 9, series of 2018 ("ERC Rules Supplementing the Switching and Billing Process and Adopting a Disconnection Policy for the Contestable Customers").

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153 The RCC noted that this proposal is similar with a previous proposal from the IEMOP 154 that was already approved by the PEM Board and currently pending DOE approval.

155 Mr. Cacho responded that the proposal merely aims to make references to the ERC

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156 issuance on the matter since the previous proposal was only MO-Initiated. The body

157 requested the IEMOP to ensure that the new proposal is not redundant and if not,

158 reconcile both the previous and new proposal.

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160 The RCC approved the publication of the proposal in the PEMC website to solicit 161 comments from stakeholders.

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VII. Other Matters		
Agenda	Presenter	Action/s Taken
 7.1. PEM Board Updates: PEM Board request for study on Settlement and Compensation of Must-Run Units Meeting schedules: a) BRC – 23 August 2019 (Fri) b) PEM Board – 28 August 2019 (Wed) 	Secretariat	RCC noted the updates on the on- going study of the Rules Review Division (RRD) regarding MRU Settlement. RRD raised that the proposal to be submitted by the RCC Generation sector representatives regarding Administered Price may also be adopted for MRU settlement. For the BRC meeting, the RRD shall present on behalf of the RCC the proposals regarding (i) embedded generation and (ii) CVCs for self- scheduled generating units.

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Agenda	Presenter		Action/s Taken
		ġ	The presenter for the August 28 PEM Board meeting will be determined on Monday, August 19.

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- PEM Board request for study on Settlement and Compensation of Must-Run
 Units
- 168 The Secretariat informed the RCC of the PEM Board's directive to study possible 169 alternative MRU settlement mechanism from what is currently used.
- 171 The body was informed that the Rules Review Division of the MAG, who undertook 172 the study, consulted with the IEMOP (Finance, Billing & Settlement and Trading 173 Operations) in which the following were discussed:
- 174 o Difference between MRU and constrained-on generators
- 175 o Internal MO procedures for settling dispatched MRUs
- 176oOperational costs not included in the ERC-approved recoverable fuel177and variable operational and maintenance costs
- 178 o Concerns regarding 1-year timeline for filing additional compensation
- 179oSettlement methodology for MRUs for the enhanced market design (new180MMS)
- 181
- 182 The RCC noted the Secretariat's update.
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Agenda	Presenter		Action/s Taken
7.2. Review of Draft 2019 RCC Semestral Report (Jan – Jun 2019)	Secretariat	.¢	Secretariat to e-mail the draft 2019 RCC Semestral Report Provisionally approved pending

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	RCC review and edits
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Prepared by:

Divine Gayle C. Cruz Specialist Market Assessment Group – Rules Review Division

Reviewed by:

John Mark S. Catriz

Manager Market Assessment Group – Rules Review Division

Noted by:

Elaine D. Gonzales Acting Head Market Assessment Group

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Approved by: THE RULES CHANGE COMMITTEE Independent Members: Francisco L.R. Castro, Jr. Maila Lourdes G. de Castro Chairperson allennenis Allan C. Nerves Concepcion I. Tanglao Generation Sector Members: 2BING Dixie Anthony R. Banzon Abner B. Tolentino Masinloc Power Partners Co. Ltd. Power Sector Assets and Liabilities (MPPCL) Management Corporation (PSALM) Jose Ildebrando B. Ambrosio Cherry A. Javier Aboitiz Power Corp. NorthWind Power Development Corp. (APC) (NorthWind) Distribution Sector Members: Ind. hul Virgilio C. Fortich, Jr. Ryan S. Morales Manila Electric Company Cebu III Electric Cooperative, Inc. (MERALCO) (CEBECO3) Page 11 of 19 Agec

Ricardo G. Gumalal Jose P. Santos Iligan Light and Power, Inc. Ilocos Norte Electric Cooperative, Inc. (I PI)(INEC) Supply Sector Member: Rivera TeaM (Philippines) Energy Corporation (TPEC) Market Operator Member: Isidro E. Cacho, Jr. Independent Electricity Market Operator of the Philippines (IEMOP) System Operator Member: Ambrocio R. Rosales National Grid Corporation of the Philippines (NGCP)



Proposed General Amendments for Enhancements to the Determination of Initial Prudential Requirements

WESM Rules					
Title	Clause	Provision	Proposed Amendment	Rationale	RCC Discussion/ Decision
Amount of Security	3.15.4	Using available historical data, the <i>Market Operator</i> shall determine the initial <i>Prudential Requirements</i> of a new <i>WESM member</i> corresponding to the portion of its demand that is not covered by <i>bilateral contracts</i> , or ten percent (10%) of its total demand if fully covered by <i>bilateral contracts</i> , multiplied by the average actual market price of the previous twelve (12) billing periods.	Using available historical data, t <u>T</u> he Market Operator shall determine the initial Prudential Requirements of a new WESM member corresponding to the projected maximum exposure of the new WESM member calculated as the average of the projected settlement amount for each complete billing period covered in the relevant Market Manual. portion of its demand that is not covered by bilateral contracts, or ten percent (10%) of its total demand if fully covered by bilateral contracts, multiplied by the average actual market price of the	To ensure the ability of new participants to meet their obligations, it is proposed that calculation of initial prudential requirements be calculated in more detail in order to increase the accuracy of projecting the maximum exposure of the Market Operator to the new participant. The Projected Maximum Exposure includes the projected load increase by the customer. The detailed calculation is proposed to be provided in the Billing and Settlement Manual.	Adopt proposal
Amount of Security	3.15.4.1	XXX If there is a change in the <i>bilateral</i> <i>contract</i> of a <i>WESM Member</i> , the <i>maximum exposure</i> shall be computed based on the <i>settlement amounts</i> estimated by the <i>Market Operator</i> using the average actual <i>market price</i> based on the <i>billing period</i> of 26 th March to 25 th September. In no case shall the maximum exposure be less than ten percent (10%) of the total demand. Average actual <i>market price</i> shall refer to the ratio of the total <i>spot market</i> payment of a <i>WESM Member</i> , which	previous twelve (12) billing periods. XXX If there is a change in the <i>bilateral</i> <i>contract</i> of a <i>WESM Member</i> , the <i>maximum exposure</i> shall be computed based on the <i>settlement amounts</i> estimated by the <i>Market Operator</i> using the average actual <i>market price</i> based on the <i>billing period</i> of 26 th March to 25 th September. In no case shall the maximum exposure be less than ten percent (10%) of the total demand. Average actual <i>market price</i> shall refer to the ratio of the total <i>spot market</i> payment of a <i>WESM Member</i> , which	With the expiration in 2011 of the requirement under the EPIRA-IRR for distribution utilities to source at least 10% of their supply from the WESM, it is proposed that the minimum prudential requirement be removed to reduce participation costs in the WESM for participants with exposure below 10% of their demand.	Adopt proposal

WESM Rules					
Title	Clause	Provision	Proposed Amendment	Rationale	RCC Discussion/ Decision
		may include spot market energy and	may include spot market energy and		
		reserve transactions, to the total	reserve transactions, to the total		
		metered quantities net of bilateral	metered quantities net of bilateral		
		contract quantities for each billing	contract quantities for each billing		
		month.	month.		
		XXX	XXX		

Proposed General Amendments for Enhancements to the Determination of Initial Prudential Requirements

A. WESM Ma						Proposed	Proponent's	RCC Discussion/
Title	Section	Provision	Proposed Amendment	Rationale	Comments	Revised Wording	Response	Decision
nitial	7.4.1	a. XXX	a. XXX	Re-number items c-f				Adopt proposal
Assessment of		b. XXX	b. XXX	to j-m to insert				
Prudential		c. XXX	ej. XXX	proposed procedures				
Requirement		d. XXX	d- <u>k</u> . XXX	for calculating the				
		e. XXX	<mark>e-I</mark> . XXX	initial prudential				
		f. XXX	£– <u>m</u> . XXX	requirement				
nitial	7.4.1 (a)	The intending WESM	The intending WESM	Consistent with	HEDCOR:		The rest of Section	For clarity, the RC
ssessment of		Member shall submit	Member shall submit the	current procedures for			7.4.1 enumerates the	agreed to revise th
Prudential		the information of its	information of its expected	calculating actual	Define projected data		projected data and	provision:
Requirement		expected trading	trading transactions in the	prudential	for DUs, generators,		includes gross energy	
		transactions in the	WESM based on the total	requirements, initial	etc., does it cover		settlement quantities,	The initial prudenti
		WESM based on the	demand and bilateral	prudential	power purchase?		bilateral contract	requirement of
		total demand and	contract.	requirements are			quantities, and final	WESM Member sha
		bilateral contract.		proposed to be based	Consider 12 billing		energy dispatch prices.	be calculated usin
			The initial prudential	on 26 March to 25	period for the			projected data for
			requirement of a WESM	September	projected data in line		The period proposed is	trading intervals:
			<u>Member shall be</u>	transactions.	with that of NGCP and		based on the same	<u>i.</u> if the WES
			calculated using		evens out seasonality		period used for the	<u>Member</u> aims
			projected data for trading	Provision on	factor of intermittent		annual review and	begin trading in th
			<u>intervals:</u>	submission of	plants		determination of	WESM befo
			i. if the WESM Member	information is			prudential	<u>August 26, fro</u>
			aims to begin trading	transferred to items d-			requirements.	complete billin
			in the WESM before	f.				periods with
			August 26, from					March 26
			complete billing					September 25
			periods within March					the same year; or
			26 to September 25 of					<u>ii.</u> if the WES
			the same year; or					Member aims
			ii. if the WESM Member					begin trading in th
			aims to begin trading					WESM on or aft

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Title	Section	Provision	Proposed Amendment	Rationale	Comments	Proposed Revised Wording	Proponent's Response	RCC Discussion/ Decision
			in the WESM after				•	August 26, from
			August 25, from					March 26 to
			March 26 to					September 25 of
			September 25 of the					the succeeding
			succeeding year.					<u>year.</u>
								The proponent likewise
								clarified that the MO will
								assess Trading
								Participants' maximum
								exposure annually
								(every November of the succeeding year) and
								will update them
								accordingly.
								3,
Initial	7.4.1 (b)	Using available	Using available historical	Consistent with				Adopt proposal
Assessment of		historical data, the	data, the Market Operator	current procedures for				
Prudential		Market Operator shall	shall determine the initial	calculating actual				
Requirement		determine the initial	Prudential Requirement of	prudential				
		Prudential	a new WESM Member	requirements, initial				
		Requirement of a new WESM Member	corresponding to the portion of its demand that is	prudential requirements are				
		corresponding to the	not covered by its bilateral	proposed to be based				
		portion of its demand	contracts, or ten percent	on average billing				
		that is not covered by	(10%) of its total demand,	period settlement				
		its bilateral contracts,	whichever is higher,	amounts.				
		or ten percent (10%)	multiplied by the Average					
		of its total demand,	Actual Market Price of the					
		whichever is higher,	previous twelve (12) billing					
		multiplied by the	periods.					
		Average Actual						
		Market Price of the						

Title	Section	Provision	Proposed Amendment	Rationale	Comments	Proposed Revised Wording	Proponent's Response	RCC Discussion/ Decision
		previous twelve (12)	The initial prudential				-	
		billing periods.	requirement of a WESM					
			<u>Member shall be</u>					
			calculated as the average					
			of the projected					
			settlement amount for					
			each complete billing					
			period covered in the					
			period defined in Section					
			<u>7.4.1(a).</u>	-				
nitial	<u>7.4.1 (c)</u>	N / A	The projected settlement	For better accuracy, it	MERALCO:		The terms are defined	Adopt proposal
ssessment of	(new)		amount for each billing	is proposed that initial			in the WESM Rules.	
rudential			<u>period of a WESM</u> Member shall be	prudential	Include the terms used in this section in		We defer to the RCC.	
equirement			<u>Member shall be</u> calculated using the	requirements be determined using the	Section 2 (Definition of			
			following formula:	formula for calculating	Terms)			
			tonowing tormula.	the settlement amount				
			PSA =	but with projected				
			$\sum_{i \in I} (PGEPESQ_i \times PEPESP_i)$					
			$\sum_{i=1}^{i=1} \sum_{i=1}^{i} (PBCQ_{ci} \times PEPESP_{ci})$					
			Where:					
			PSA projected					
			settlement					
			<u>amount</u> in					
			<u>PhP</u>					
			PGEPESQ _i projected					
			gross ex-					
			post energy					
			<u>settlement</u>					

Agec

Title	Section	Provision	Proposed Amendment	Rationale	Comments	Proposed Revised Wording	Proponent's Response	RCC Discussion
			<u>quantity, in</u>					
			<u>MWh, for</u>					
			<u>trading</u>					
			<u>interval i</u>					
			PEPESP _i projected					
			<u>ex-post</u>					
			<u>energy</u>					
			<u>settlement</u> price, in					
			<u>PhP/MWh,</u>					
			for trading					
			<u>interval i</u>					
			PBCQ _{c,i} projected					
			bilateral					
			contract					
			<u>quantity, in</u>					
			<u>MWh, from</u>					
			<u>counterpart</u>					
			<u>y c for</u>					
			<u>trading</u>					
			<u>interval i</u>					
			PEPESP _{c,i} projected					
			<u>ex-post</u> <u>energy</u>					
			<u>settlement</u>					
			price, in					
			PhP/MWh, of					
			the market					
			trading node					
			of the					
			<u>trading</u>					
			participant					
			<u>responsible</u>					

Title	Section	Provision	Proposed Amendment	Rationale	Comments	Proposed Revised Wording	Proponent's Response	RCC Discussion/ Decision
			for the					
			payment of					
			<u>line rental</u>					
			<u>trading</u>					
			<u>amounts</u>					
			specified by					
			the WESM					
			member					
			during the					
			<u>enrollment</u>					
			<u>of its</u>					
			<u>bilateral</u>					
			<u>contract</u>					
			with					
			<u>counterpart</u>					
			<u>y c for</u>					
			trading					
			<u>interval i</u>					
			l set of					
			<u>trading</u>					
			<u>intervals</u>					
			within the					
			billing					
			period					
			C set of					
			<u>counterparti</u>					
ial	<u>7.4.1 (d)</u>	N / A	<u>es</u> The WESM Member shall	t is proposed that the				
sessment of	(new)	IN / A		WESM Member				Adopt proposal
idential	(new)			provide the				
quirement			-	projections for				
quiternent				quantities since the				
				would have a better				

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Title	Section	Provision	Proposed Amendment	Rationale	Comments	Proposed Revised Wording	Proponent's Response	RCC Discussion/ Decision
Title Initial Assessment of Prudential Requirement	Section 7.4.1 (e) (new)	N / A	Proposed Amendmentdefined in Section7.4.1(a):i. Projected gross expost energysettlement quantitiesii. Projected bilateralcontract quantitiesfrom each tradingparticipantcounterpartyThe WESM Member shallsubmit to the MarketOperator its assumptionsfor determining itsprojected gross ex-postenergy settlementquantities. The MarketOperator may require theWESM Member to submitsupporting documents ifnecessary. The MarketOperator shall assist theWESM Member indetermining the projectedgross ex-post energysettlement quantities.	Rationale understanding of their operations. To ensure the accuracy of submitted projected gross energy settlement quantities, it is proposed that WESM Members submit the assumptions used in their projection. This would allow the Market Operator the ability to assess the accuracy of the submitted projections.	HEDCOR: Is there a mechanism for MO in identifying whether the submitted supporting docs are invalid/not accepted? MERALCO: Who will be responsible for the final figures? What if there is a disagreement between the WESM member and the Market Operator? Does the			
								• •

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Title	Section	Provision	Proposed Amendment	Rationale	Comments	Proposed Revised Wording	Proponent's Response	RCC Discussion/ Decision
								registration process shall apply.
								The RCC noted the IEMOP's clarification in cases where a Trading Participant paid more than its required prudential requirement in cash. In such case, the MO will refund the
nitial Assessment of Prudential Requirement	<u>7.4.1 (f)</u> (new)	N / A	To be considered in the determination of the initial prudential requirement, the bilateral contract quantities submitted under Section 7.4.1(d)(ii) should have a corresponding contract enrolled with the Market Operator.	To ensure that the bilateral contract quantities submitted are valid and realistic, it is proposed that the contract should be confirmed by the counterparty of the new trading participant through the contract enrollment procedure under the WESM Registration Manual.				 excess with interest. Adopt proposal The proponent clarified that enrollment of bilateral contract quantity through the CRSS is basically a notification to the MO that, say, a Generation Company has a contract with a distribution utility for a certain megawatt quantity. Further, IEMOP

Title	Section	Provision	Proposed Amendment	Rationale	Comments	Proposed Revised Wording	Proponent's Response	RCC Discussion/ Decision
								the counterparty
								must confirm the
								bilateral contract in
								order for the
								parties' bilateral
								contract quantities
								to be registered in
								the WESM. The
								MO does not
								require a copy of
								the actual contract.
nitial	<u>7.4.1 (g)</u>	N / A	The projected ex-post	Estimating the prices				Adopt proposal
Assessment of	(new)		energy settlement price	of the new trading				
Prudential			of a WESM Member for a	participant based on				
Requirement			trading interval shall be	the historical prices of				
			equal to the ex-post	the geographically				
			energy settlement price	nearest node aims to				
			of the geographically	increase the accuracy				
			<u>nearest market trading</u>	of the projected				
			node from the connection	exposure.				
			point of the WESM					
			<u>Member at the same</u>					
			trading interval and most					
			recent same date.					
nitial	<u>7.4.1 (h)</u>	N / A	The projected ex-post	Estimating the prices				Adopt proposal
Assessment of	(new)		energy settlement price	associated with				
Prudential			associated with a	bilateral contract				
Requirement			bilateral contract quantity	quantities based on				
			from a counterparty for a	the historical prices of				
			trading interval shall be	the nearest node aims				
			equal to the ex-post	to increase the				
			energy settlement price					

A. WESM Ma	A. WESM Manual on Billing and Settlement Issue 5.0										
Title	Section	Provision	Proposed Amendment	Rationale	Comments	Proposed Revised Wording	Proponent's Response	RCC Discussion/ Decision			
			of the market trading	accuracy of the							
			node of the counterparty	projected exposure.							
			identified during								
			enrollment of the bilateral								
			<u>contract</u> at the same								
			trading interval and most								
			recent same date.								

B. WESM Man	ual on Bi	lling and Settlement Issu	e 6.0 (As revised under DO	E DC2018-06-0017)				
Title	Sec	Provision	Proposed Amendment	Rationale	Comments	Proposed Revised Wording	Proponent's Response	RCC Discussion/ Decision
Initial	7.4.1	a. XXX	a. XXX	Re-number items c-f				Adopt proposal
Assessment of		b. XXX	b. XXX	to j-m to insert				
Prudential		c. XXX	ej. XXX	proposed procedures				
Requirement		d. XXX	d- <u>k</u> . XXX	for calculating the				
		e. XXX	e <u>I</u> . XXX	initial prudential				
		f. XXX	£– <u>m</u> . XXX	requirement				
Initial	7.4.1	The intending WESM	The intending WESM	Consistent with				For consistency with the
Assessment of	(a)	Member shall submit	Member shall submit the	current procedures for				changes made to Issue
Prudential		the information of its	information of its	calculating actual				5.0 of the same Manual,
Requirement		expected trading	expected trading	prudential				the RCC approved the
		transactions in the	transactions in the WESM	requirements, initial				following revision:
		WESM based on the	based on the total	prudential				
		total demand and	demand and bilateral	requirements are				The initial prudential
		bilateral contract.	contract.	proposed to be based				requirement of a WESM
				on 26 March to 25				<u>Member shall be</u>
			The initial prudential	September				calculated using
			requirement of a WESM	transactions.				projected data for
			<u>Member shall be</u>					trading intervals:
			calculated using	Provision on				i. if the WESM Member
			projected data for	submission of				aims to begin trading
			dispatch intervals:	information is				in the WESM before
			i. if the WESM	transferred to items d-				August 26, from
			Member aims to	f.				complete billing
			begin trading in					periods within March
			the WESM					26 to September 25 of
			before August					the same year; or
			26, from					ii. if the WESM Member
			complete billing					aims to begin
			periods within					trading in the WESM
			March 26 to					on or after August
			September 25 of					26, from March 26 to
			the same year;					September 25 of the
			or					succeeding year.
		1						

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Title	Sec	Provision	Proposed Amendment	Rationale	Comments	Proposed Revised Wording	Proponent's Response	RCC Discussion/ Decision
			<u>ii.</u> if the WESM					
			<u>Member aims to</u>					
			begin trading in the					
			WESM after August					
			<u>25, from March 26</u>					
			to September 25 of					
			the succeeding					
			<u>year.</u>					
Initial	7.4.1	Using available	Using available historical	Consistent with				Adopt proposal
Assessment of	(b)	historical data, the	data, the Market Operator	current procedures for				
Prudential		Market Operator shall	shall determine the initial	calculating actual				
Requirement		determine the initial	Prudential Requirement	prudential				
		Prudential Requirement	of a new WESM Member	requirements, initial				
		of a new WESM	corresponding to the	prudential				
		Member corresponding	portion of its demand that	requirements are				
		to the portion of its	is not covered by its	proposed to be based				
		demand that is not	bilateral contracts, or ten	on average billing				
		covered by its bilateral	percent (10%) of its total	period settlement				
		contracts, or ten	demand, whichever is	amounts.				
		percent (10%) of its	higher, multiplied by the					
		total demand,	Average Actual Market					
		whichever is higher,	Price of the previous					
		multiplied by the	twelve (12) billing periods.					
		Average Actual Market						
		Price of the previous	<u>The initial prudential</u>					
		twelve (12) billing	requirement of a WESM					
		periods.	<u>Member shall be</u>					
			calculated as the					
			average of the projected					
			settlement amount for					
			each complete billing					
			period covered in the					

Title	Sec	Provision	Proposed Amendment	Rationale	Comments	Proposed Revised Wording	Proponent's Response	RCC Discussion/ Decision
			period defined in					
			Section 7.4.1(a).					
nitial	<u>7.4.1</u>	N / A	The projected	For better accuracy, it	MERALCO:		The terms are	Adopt proposal
Assessment of	<u>(c)</u>		settlement amount for	is proposed that initial			defined in the	
Prudential	(new)		each billing period of a	prudential	Include the terms		WESM Rules. We	
Requirement			WESM Member shall be	requirements be	used in this section in		defer to the RCC.	
			calculated using the	determined using the	Section 2 (Definition			
			following formula:	formula for calculating the settlement amount	of Terms)			
			PSA =	but with projected				
				inputs.				
			$\sum_{i \in I} (PGESQ_i \times PFEDP_i) -$	inputo.				
			$\sum_{i \in I} \sum_{c \in C} (PBCQ_{c,i} \times PFEDP_{c,i})$					
			Where:					
			PSA projected					
			<u>settlement</u>					
			<u>amount</u> in					
			<u>PhP</u>					
			PGESQ _i projected					
			gross					
			<u>energy</u> settlement					
			<u>guantity, in</u>					
			MWh, for					
			<u>dispatch</u>					
			interval i					
			PFEDP _i projected					
			final					
			<u>energy</u>					
			<u>dispatch</u>					

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B. WESM Mai	nual on Bil	ling and Settlement Iss	ue 6.0 (As revised under DOE I	DC2018-06-0017)				
Title	Sec	Provision	Proposed Amendment	Rationale	Comments	Proposed Revised Wording	Proponent's Response	RCC Discussion/ Decision
			<u>price, in</u> PhP/MWh,					
			for					
			<u>dispatch</u>					
			<u>interval i</u>					
			PBCQ _{c,i} projected bilateral					
			contract					
			<u>quantity, in</u>					
			<u>MWh, from</u>					
			<u>counterpar</u> ty c for					
			dispatch					
			<u>interval i</u>					
			PFEDP _{c,i} projected					
			<u>final</u> <u>energy</u>					
			dispatch					
			<u>price, in</u>					
			<u>PhP/MWh,</u> associated					
			with the					
			bilateral					
			<u>contract</u>					
			<u>with</u> <u>counterpar</u>					
			ty c for					
			<u>dispatch</u>					
			<u>interval i</u> I set of					
			<u>dispatch</u>					
			<u>intervals</u>					
			<u>within the</u>					

Title	Sec	Provision	Proposed Amendment	Rationale	Comments	Proposed Revised Wording	Proponent's Response	RCC Discussion/ Decision
			billing					
			period					
			C set of					
			<u>counterpar</u>					
			<u>ties</u>					
nitial	<u>7.4.1</u>	N / A	The WESM Member	It is proposed that the				Adopt proposal
ssessment of	<u>(d)</u>		shall submit the	WESM Member				
Prudential	(new)		following information to	provide the				
Requirement			the Market Operator for	projections for				
			<u>each dispatch interval</u>	quantities since the				
			in the period defined in	would have a better				
			Section 7.4.1(a):	understanding of their				
			i. <u>Projected gross</u>	operations.				
			<u>energy settlement</u>					
			<u>quantities</u>					
			ii. <u>Projected <i>bilateral</i></u>					
			contract quantities					
			<u>from each <i>trading</i></u>					
			<u>participant</u>					
			<u>counterparty</u>					
nitial	<u>7.4.1</u>	N / A	The WESM Member	To ensure the	MERALCO:		The trading	Adopt proposal
ssessment of	<u>(e)</u>		shall submit to the	accuracy of submitted			participant will be	
Prudential	(new)		Market Operator its	projected gross	Who will be		responsible for the	
Requirement			assumptions for	energy settlement	responsible for the		final figures. The MO	
			determining its	quantities, it is	final figures? What if		will not approve the	
			projected gross energy	proposed that WESM	there is a		projections.	
			settlement quantities.	Members submit the	disagreement			
			The Market Operator	assumptions used in	between the WESM			
			may require the WESM	their projection. This	member and the			
			<u>Member to submit</u>	would allow the	Market Operator?			
			supporting documents	Market Operator the	Does the WESM			
			if necessary. The Market	ability to assess the	member need			
			<u>Operator</u> shall assist		approval from the			



Title	Sec	Provision	Proposed Amendment	Rationale	Comments	Proposed Revised Wording	Proponent's Response	RCC Discussion/ Decision
			the WESM Member in	accuracy of the	Market Operator for			
			determining the	submitted projections.	its projections?			
			projected gross energy					
			settlement quantities.					
Initial	<u>7.4.1</u>	N / A	To be considered in the	To ensure that the				Adopt proposal
Assessment of	<u>(f)</u>		determination of the	bilateral contract				
Prudential	(new)		initial prudential	quantities submitted				
Requirement			<u>requirement,</u> the	are valid and realistic,				
			bilateral contract	it is proposed that the				
			quantities submitted	contract should be				
			under Section	confirmed by the				
			7.4.1(d)(ii) should have	counterparty of the				
			a corresponding	new trading				
			contract enrolled with	participant through the				
			the Market Operator.	contract enrollment				
				procedure under the				
				WESM Registration				
				Manual.				
nitial	<u>7.4.1</u>	N / A	The projected final	Estimating the prices				Adopt proposal
Assessment of	<u>(g)</u>		energy dispatch price of	of the new trading				
Prudential	(new)		a WESM Member for a	participant based on				
Requirement			<u>dispatch interval</u> shall	the historical prices of				
			be equal to the final	the geographically				
			energy dispatch price of	nearest node aims to				
			the geographically	increase the accuracy				
			<u>nearest market trading</u>	of the projected				
			node from the	exposure.				
			connection point of the					
			WESM Member at the					
			same dispatch interval					
			and most recent same					
			date.					

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B. WESM Man	ual on Bill	ling and Settlement Issue	e 6.0 (As revised under DO	E DC2018-06-0017)				
Title	Sec	Provision	Proposed Amendment	Rationale	Comments	Proposed Revised Wording	Proponent's Response	RCC Discussion/ Decision
Initial	<u>7.4.1</u>	N / A	The projected final	Estimating the prices				
Assessment of	<u>(h)</u>		energy dispatch price	associated with				
Prudential	(new)		associated with a	bilateral contract				
Requirement			bilateral contract	quantities based on				
			<u>quantity from a</u>	the historical prices of				
			counterparty for a	the nearest node aims				
			<u>dispatch interval</u> shall	to increase the				
			be equal to the final	accuracy of the				
			energy dispatch price of	projected exposure.				
			the market trading node					
			of the counterparty					
			identified during					
			enrollment of the					
			bilateral contract at the					
			same dispatch interval					
			and most recent same					
			date.					
Initial	<u>7.4.1</u>	N / A	For new regions	Since historical prices	MERALCO:		The PEM Board will	Adopt proposal
Assessment of	<u>(i)</u>		integrated to the WESM,	may not be available			determine the	
Prudential	(new)		the Market Operator	when new regions	Who will determine		reasonability of the	
Requirement			shall simulate and	(e.g., Mindanao,	the reasonability of		simulated reference	
			publish projected final	Mindoro) are	the simulated		prices. The	
			energy dispatch prices	integrated to the	reference prices? Can		comments from the	
			for reference nodes in	WESM, it is proposed	the WESM		WESM participants	
			the new region. The	that simulated prices	participants comment		may be coursed	
			Market Operator shall	be used in estimating	on the determination		through the PEM	
			publish the	the initial prudential	of the simulated		Board at the	
			assumptions used in	requirements.	reference prices?		minimum. For the	
			determining the				Mindanao	
			projected final energy	The simulated prices			implementation,	
			dispatch prices, subject	are only proposed to			IEMOP was required	
			to approval of the PEM	be applied for the start			to conduct a	
			<u>Board.</u>	of commercial			consultation with	

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B. WESM Man	ual on Bill	ling and Settlement Issue	e 6.0 (As revised under DO	E DC2018-06-0017)				
Title	Sec	Provision	Proposed Amendment	Rationale	Comments	Proposed Revised Wording	Proponent's Response	RCC Discussion/ Decision
				operations in the			Mindanao	
			The reference prices	region; afterwards,			participants.	
			shall be applied to	historical prices would				
			trading participants that	be used.				
			are registered prior to					
			the commercial					
			operations of the WESM					
			in that region; for new					
			trading participants in					
			the new region applying					
			for registration one (1)					
			year after the					
			commercial operations					
			of the WESM in that					
			region, Section 7.4.1(g)					
			and Section 7.4.1(h) shall apply.					
Initial	7.4.1	(new)	Until one year after the	Provide transitory				For clarity, the RCC
Assessment of	(<u>n)</u>	(new)	start of commercial	provisions for the				revised the provision as
Prudential	<u>\[]]</u>		operations of the	calculation of initial				follows:
Requirement			enhancements to	prudential				
Roquiomon			WESM design and	requirements prior to				Until-For a period of
			operations under	the implementation of				one year after from the
			DC2015-01-0015, the	the New Market				start of commercial
			initial prudential	Management System				operations of the
			requirements of a	(NMMS) using				enhancements to
			WESM Member shall be	equivalent variables				WESM design and
			calculated in					operations under
			consideration of the					DC2015-01-0015, the
			following:					initial prudential
			i. projections shall					requirements of a
			be performed per					WESM Member shall be
			trading interval					calculated in

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Title	Sec	Provision	Proposed Amendment	Rationale	Comments	Proposed Revised Wording	Proponent's Response	RCC Discussion/ Decision
			instead of per					consideration of the
			dispatch interval;					following:
			<u>ii.</u> gross ex-post					i. projections
			energy settlement					shall be
			<u>quantities shall be</u>					performed p
			projected instead					trading inter
			of gross energy					instead of p
			<u>settlement</u>					<u>dispatch</u>
			<u>quantities;</u>					<u>interval;</u>
			<u>iii. ex-post energy</u>					ii. gross ex-post
			settlement prices					energy settlen
			shall be projected					<u>quantities sha</u>
			instead of final					projected inst
			energy dispatch					of gross energ
			prices; and					settlement
			iv. the market trading					<u>quantities;</u>
			node associated					iii. <u>ex-post energy</u>
			with bilateral					<u>settlement prie</u>
			<u>contract quantities</u>					shall be project
			shall be a market					instead of fina
			trading node of					energy dispate
			the trading					prices; and
			<u>participant</u>					iv. the market tra
			responsible for					node associate
			the payment of line rental trading					<u>with bilateral</u> <u>contract</u>
			amounts specified					quantities sha
			by the WESM					a market tradi
			<u>member during</u>					node of the
			the enrollment of					trading partici
			its bilateral					responsible fo
			<u>contract.</u>					the payment o
			<u>vontraot.</u>					line rental trad

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B. WESM Man	B. WESM Manual on Billing and Settlement Issue 6.0 (As revised under DOE DC2018-06-0017)										
Title	Sec	Provision	Proposed Amendment	Rationale	Comments	Proposed Revised Wording	Proponent's Response	RCC Discussion/ Decision			
								amounts specified by the WESM			
								member during			
								<u>the enrollment of</u> its <i>bilateral</i>			
								contract.			

Proposed Amendments to the WESM Manual on Constraint Violation Coefficients (CVC) and Pricing Re-Runs to Include Additional CVCs to Reflect the Dispatch Hierarchy of Self-Scheduled Generation

Title	Section	Provision	Proposed Amendment	Rationale	Comments	Proposed Revised Wording	Proponent's Response	RCC Discussion/ Decision
Constraint	4.3.1	The order of relaxing	The order of relaxing	To distinguish	SPC/SIPC:		The WESM Rules	The RCC agreed with Ms. Cherry
iolation		soft constraints shall	soft constraints shall be	among non-			and Manuals will be	Javier's (Aboitiz Power)
oefficient –		be set such that	set such that constraints	scheduled, priority	This AS		reviewed and	suggestion to still indicate the
rder of		constraints resulting in	resulting in the lowest	dispatch and must	Classification needs		revised as	current terminologies for the
onstraint		the lowest reduction in	reduction in the	dispatch generation	to be harmonized		necessary upon	primary, secondary and tertiary
olation		the capability of the	capability of the	as these three (3)	with the DOE drafted		finalization of the	reserve categories in view of
oefficients		network, load or	network, load or	self-scheduled	Circular regarding		reserve market	transitory changes while the DOI
		generating units shall	generating units shall be	generation	AS procurement		design.	finalizes the circular regarding th
		be allowed to occur	allowed to occur first, as	categories have a				Reserve Market. The provision
		first, as follows:	follows:	set priority in				was revised as follows:
		a. Tertiary	a. Tertiary	dispatch and				
		Reserve	Reserve	curtailment. The				The order of relaxing soft
		Requirement	Requirement	order of CVCs				constraints shall be set such tha
		Constraint	Constraint	associated with				constraints resulting in the lowes
		b. Primary	b. Primary	these classifications				reduction in the capability of the
		Reserve	Reserve	are arranged in line				network, load or generating units
		Requirement	Requirement	with WESM Rules				shall be allowed to occur first, as
		Constraint	Constraint	provision on the				follows:
		c. Nodal VoLL or	c. Nodal VoLL or	hierarchy for				a. Tertiary/Dispatchable
		Nodal Energy	Nodal Energy	dispatch target				Reserve Requirement
		Balance	Balance	curtailment (WESM				Constraint
		Constraint	Constraint	Rules Clause				b. Primary/Contingency
		d. System	d. System Energy	3.6.1.8).				Reserve Requirement
		Energy	Balance					Constraint
		Balance	Constraint					c. Nodal VoLL or Nodal
		Constraint	e. Self-Scheduled					Energy Balance
		e. Self-	Generation					Constraint
		Scheduled	Constraint -					d. System Energy Balan
								Constraint

Title	Section	Provision	Proposed Amendment	Rationale	Comments	Proposed Revised Wording	Proponent's Response	RCC Discussion/ Decision
		Generation	Non-Scheduled					e. Self-Scheduled
		Constraint	Generation					Generation Constraint -
		f. Thermal	f. Self-Scheduled					Non-Scheduled
		Contingency	Generation					Generation
		Constraint –	Constraint <u>–</u>					f. Self-Scheduled
		Transformer	<u>Priority</u>					Generation Constrain
		g. Thermal	Dispatch					– Priority Dispatch
		Contingency	Generation					Generation
		Constraint –	g. Self-Scheduled					g. Self-Scheduled
		Line	Generation					Generation Constrain
		h. Thermal	Constraint <u>–</u>					<u>– Must Dispatch</u>
		Contingency	Must Dispatch					Generation
		Constraint –	Generation					h. f. Thermal Contingenc
		Branch Group	<u>h.</u> f. Thermal					Constraint –
		i. Secondary	Contingency					Transformer
		Reserve	Constraint –					i. g. Thermal Contingend
		Requirement	Transformer					Constraint – Line
		Constraint	<u>i.</u> g. Thermal					j. hThermal Contingend
		j. Thermal	Contingency					Constraint – Branch
		Base Case	Constraint –					Group
		Constraint –	Line					k. i.
		Transformer	<u>j.</u> h. Thermal					Secondary/Regulating
		k. Thermal Base	Contingency					Reserve Requirement
		Case	Constraint –					Constraint
		Constraint –	Branch Group					I. j. Thermal Base Case
		Line	<u>k.</u> iSecondary					Constraint –
		I. Thermal Base	Reserve					Transformer
		Case	Requirement					m. k. Thermal Base Case
		Constraint –	Constraint					Constraint – Line
		Branch Group	<u>I.</u> jThermal Base					n. – Thermal Base Case
			Case Constraint					Constraint – Branch
			- Transformer					Group



Title	Section	Provision	Proposed Amendment	Rationale	Comments	Proposed Revised Wording	Proponent's Response	RCC Discussion/ Decision
			<u>m.</u> k. Thermal Base					
			Case Constraint					
			– Line					
			<u>n.</u> I. Thermal Base					
			Case Constraint					
			 Branch Group 					
onstraint	4.3.4	(refer to Annex A)	(refer to Annex A)	The CVC table is				Adopt proposal
olation				proposed to be				
efficient –				revised to reflect the				
der of				suggested changes				
onstraint				in CVC hierarchy				
olation				(Sec 4.3.1). The				
Coefficients				corresponding				
				coefficients for each				
				soft constraint are				
				also recommended				
				to be updated to				
				reflect the change in				
				CVC order. The				
				values of the CVCs				
				whose rankings				
				moved up were also				
				revised based on				
				recommendations				
				during the				
				certification audit				
				and observations				
				during the conduct of				
				parallel operations				
				program. In general,				
				values of the CVCs				
				should be set such				
				that the sum of the				

Title	Section	Provision	Proposed Amendment	Rationale	Comments	Proposed Revised Wording	Proponent's Response	RCC Discussion/ Decision
				values of possible				
				CVC combinations				
				will not be equal to a				
				higher single CVC				
				value. For example,				
				since there are				
				CVCs set at 800,000				
				and 1,600,000, there				
				should be no CVC				
				set at 2,400,000				
				(800,000 +				
				1,600,000);				
				otherwise, the				
				MDOM may choose				
				to violate the higher				
				CVC instead of the				
				two lower CVCs,				
				which is the				
				expected result.				
utomatic	5.3.1	(refer to Annex A)	(refer to Annex A)	The Automatic				Adopt proposal
ricing Re-				Pricing Re-Run				
lun				Parameters are				
arameters				proposed to be				
				revised to reflect the				
				suggested changes				
				in CVC table (Sec				
				4.3.4).				

Proposed Amendments to the WESM Manual on Constraint Violation Coefficients (CVC) and Pricing Re-Runs to Include Additional CVCs to Reflect the Dispatch Hierarchy of Self-Scheduled Generation

ANNEX

		Provision			Propos	sed Amendment		Comments & RCC Discussion
reflective of		oft constraints est	ation coefficients, which is ablished in Section 4.3.1 of this System Operator:	reflective	e following table provides the of the order of relaxing soft of Manual, and the corresponding	constraints establish	ed in Section 4.3.1 of this	SPC/SIPC: For SO Action, in the absence
Order	Constraint Violation Coefficient Name	CVC	SO Action	Order	Constraint Violation Coefficient Name	ČVC	SO Action	of harmonization of all Ancillary Services (AS) -related
1	Tertiary Reserve Requirement	100,000	None	1	Tertiary Reserve Requirement Constraint	100,000	None	issuances, the Classification and use of AS should be
2	Constraint Primary Reserve	200,000	None	2	Primary Reserve Requirement Constraint	200,000	None	observed strictly according to its defined purpose.
	Requirement Constraint			3	Nodal VoLL or Nodal Energy Balance	800,000	Re-dispatch generation and/or	Notes:
3	Nodal VoLL or Nodal Energy	800,000	Re-dispatch generation and/or drop load as		Constraint		drop load as necessary.	1. The DOE draft DC on AS is not in line with the AS
4	Balance Constraint System Energy Balance Constraint	1,300,000	necessary. For over-generation, identify generating units to be shut down to eliminate excess capacity. For under-generation, identify must-run units that can be dispatched or drop load as necessary.	4	System Energy Balance Constraint	1,300,000	For over- generation, identify generating units to be shut down to eliminate excess capacity. For under- generation, identify must-run units that	 Classification under the 2016 PGC as well with the PDM filing of IEMOP and ASCRM/ASPP of NGCP. 2. The AS dispatch protocol/hierarchy shall be observed. The dispatchable reserve will be called other than it a purpose only if the energy
5	Self-Scheduled Generation Constraint	1,400,000	The projected output or schedule of loading level of the relevant generating unit(s) shall be curtailed.	5	Self-Scheduled	1,400,000	can be dispatched or drop load as necessary. The projected	its purpose, only if the energy offers to WESM are depleted.3. When DR Capacity is
6	Thermal Contingency Constraint – Transformer	1,500,000	Re-dispatch generation and/or drop load as necessary.		Generation Constraint <u>–</u> <u>Non-Scheduled</u> <u>Generation</u>	,,	output or schedule of loading level of the relevant <u>non-</u> <u>scheduled</u>	scheduled as RTD on Energy, the Technical Pmin must be observed.
7	Thermal Contingency	1,500,000			Calf Cabadulad	4 500 000	generating unit(s) shall be curtailed.	IEMOP Response: The WESM Rules and Manuals
8	Constraint – Line Thermal Contingency	2,000,000		<u>6</u>	Self-Scheduled Generation Constraint	<u>1,500,000</u>	The projected output or schedule of loading level of	will be reviewed and revised as



			Provision						Propo	osed Amend	dment			Comments & RCC Discussion
9	Constraint – Bra Group Secondary Rese		3,500,000		Re-dispatch ge			<u>– Priority Di</u> <u>Generation</u>	<u>spatch</u>			the relevan priority dis generating shall be cu	<u>spatch</u> unit(s)	necessary when the reserve market design is finalized.
10	Requirement Constraint Thermal Base C Constraint – Transformer Thermal Base C Constraint – Line Thermal Base C	ase	4,000,000) F a n	Ind/or drop loa Iecessary. Re-dispatch ge Ind/or drop loa Iecessary.	eneration	Z	Self-Schedu Generation – Must Disp Generation	<u>Constraint</u>	<u>1,600</u>	<u>),000</u>	The project output or su of loading I the relevan <u>dispatch</u> generating shall be cu	ted chedule evel of t <u>must</u> unit(s)	RCC Agreement: Revise the CVC Names to reflect current terminologies for primary, secondary and tertiary reserve categories:
	Constraint – Bra Group		4,500,000)			6 <u>8</u>	Thermal Con Constraint – Transformer	itingency	1,500,000 (<u>2,500,000</u>		h and/or	Order 1 – Tertiary/ <mark>Dispatchable</mark> Reserve Requirement Constraint
							7 <u>9</u>	Thermal Con Constraint –		1,500,000	<u>2,500,000</u>	necessary.		Order 2 – Primary/
							8 <u>10</u>	Thermal Con Constraint – Group	itingency	2,000 <u>3,000</u>		_		Contingency Reserve Requirement Constraint
							9 <u>11</u>	Secondary R Requirement		3,500 <u>5,600</u>	,	Re-dispatc generation drop load a necessary.	and/or	Order 11 – Secondary/ <u>Regulating</u> Reserve Requirement Constraint
							10 <u>12</u>	Thermal Bas Constraint – Transformer		4,000 <u>6,000</u>	<u>,000</u>	Re-dispatc generation drop load a	and/or	
							44 <u>13</u>	Thermal Bas Constraint –		4,000 6,000		necessary.		
							12 <u>14</u>	Thermal Bas Constraint – Group		4,500 <u>6,500</u>	,			
	e corresponding con nts during pricing re-							e corresponding					violation	RCC Agreement: Clerical correction:
Order		CVC	Violation Variable Value	Delta	Constraint Relaxation during Pricing Re-Run	w. Re-run Price	Order	Constraint Violation Coefficient Name	CVC	Violation Variable Value	Delta (Constraint Relaxation during Pricing Re-Run	Re-run Price	Order 6 - <u>Self-Scheduled</u> <u>Generation Constraint – Non-</u> <u>Priority Dispatch Generation</u>

			Provisior	n					Propos	sed Amen	dment			Comments & RCC Discussion
1	Tertiary Reserve Requirement Constraint	100,000	х	0.1	x + delta	EDP AND RP	1	Tertiary Reserve Requirement Constraint	100,000	Х	0.1	x + delta	EDP AND RP	
2	Primary Reserve Requirement Constraint	200,000	х	0.1	x + delta	EDP AND RP	2	Primary Reserve Requirement Constraint	200,000	х	0.1	x + delta	EDP AND RP	
3	Nodal Energy Balance Constraint	800,000	х	0.1	x + delta	EDP AND RP	3	Nodal Energy Balance Constraint	800,000	Х	0.1	x + delta	EDP AND RP	
4	System Energy Balance Constraint	1,300,000	x	0	delta	Excess Price for over- generation Shortage Price for under- generation	4	System Energy Balance Constraint	1,300,000	x	0	delta	Excess Price for over- generation Shortage Price for under- generation	
5	Self- Scheduled Generation Constraint	1,400,000	х	0.1	x + delta	EDP AND RP	5	Self- Scheduled Generation Constraint <u>–</u>	1,400,000	Х	0.1	x + delta	EDP AND RP	
6	Thermal Contingency Constraint – Transformer	1,500,000	х	0.1	x + delta	EDP AND RP	<u>6</u>	Non- Scheduled Generation Self-	1,500,000	<u>×</u>	<u>0.1</u>	x + delta	EDP AND	
7	Thermal Contingency Constraint – Line	1,500,000	Х	0.1	x + delta	EDP AND RP	<u> </u>	Scheduled Generation Constraint – Non-	<u>1,000,000</u>	~	<u>0.1</u>	<u>x r delta</u>	<u>RP</u>	
8	Thermal Contingency Constraint – Branch	2,000,000	x	0.1	x + delta	EDP AND RP	<u>7</u>	Priority Dispatch Generation Self- Scheduled	<u>1,600,000</u>	<u>×</u>	<u>0.1</u>	<u>x + delta</u>	EDP AND	
9	Group Secondary Reserve	3,500,000	х	0.1	x + delta	EDP AND RP		<u>Screduled</u> <u>Generation</u> <u>Constraint</u> <u>– Must</u>					<u>RP</u>	

			Provisio	า					Propos	ed Amen	dment			Comments & RCC Discussion
10	Requirement Constraint Thermal Base Case	4,000,000	x	0.1	x + delta	EDP AND RP	6 <u>8</u>	Dispatch Generation Thermal Contingency	1,500,000 2,500,000	x	0.1	x + delta	EDP AND RP	
	Constraint – Transformer							Constraint – Transformer						
11	Thermal Base Case Constraint – Line	4,000,000	x	0.1	x + delta	EDP AND RP	7 <u>9</u>	Thermal Contingency Constraint – Line	1,500,000 <u>2,500,000</u>	Х	0.1	x + delta	EDP AND RP	
12	Thermal Base Case Constraint – Branch Group	4,500,000	x	0.1	x + delta	EDP AND RP	8 <u>10</u>	Thermal Contingency Constraint – Branch Group	2,000,000 <u>3,000,000</u>	х	0.1	x + delta	EDP AND RP	
							9 <u>11</u>	Secondary Reserve Requirement Constraint	3,500,000 <u>5,600,000</u>	x	0.1	x + delta	EDP AND RP	
							10 <u>12</u>	Thermal Base Case Constraint – Transformer	4 <u>,000,000</u> <u>6,000,000</u>	x	0.1	x + delta	EDP AND RP	
							44 <u>13</u>	Thermal Base Case Constraint – Line	4 ,000,000 <u>6,000,000</u>	х	0.1	x + delta	EDP AND RP	
							12 <u>14</u>	Thermal Base Case Constraint – Branch Group	4,500,000 6,500,000	x	0.1	x + delta	EDP AND RP	
								Thermal Base Case Constraint – Line Thermal Base Case Constraint – Branch	<u>6,000,000</u> 4,500,000				EDP AND	

Proposed Amendments Providing the Framework Governing the Operations of Embedded Generators

WESM Rules	S							
Title	Clause	Provision	Proposed Amendment	Rationale	Comments	Proposed Revised Wording	Proponent's Response	RCC Discussion/ Decision
Categories of WESM Member – Generation Company	2.3.1.1	A Generation Company with facilities connected to a <i>transmission</i> or <i>distribution system</i> shall register with the <i>Market Operator</i> as a <i>WESM member</i> .	A Generation Company with facilities connected to a <i>transmission</i> or <i>distribution</i> system shall register with the Market Operator as a WESM member. <u>A</u> <u>Generation Company</u> with facilities connected to a <u>distribution system</u> shall register with the Market Operator as a <u>WESM member if it</u> meets the criteria under Clause 2.3.1.10; otherwise, a <u>Generation Company</u> with facilities connected to a <u>distribution system</u> may register as a <u>WESM Member on a</u> voluntary basis.	To incorporate the general framework for WESM registration of embedded generators provided under Sections 6.1 and 6.2 of DOE DC2019-02-0003	PEMC: Will the provisions in the Distribution Services and Open Access Rules and the Open Access Transmission Service Rules related to transmission and distribution wheeling charges apply to embedded generators? • For bilateral contract quantities • For energy traded in the WESM	PEMC: none	Charging of transmission and distribution wheeling services is not covered by the WESM Rules and not the responsibility of the Market Operator.	The RCC agreed to use the term 'embedded generator' for clarity and since it is already a defined term in the WESM Rules. The provision was revised as follows: A Generation Company with facilities connected to a transmission er distribution system shall register with the Market Operator as a WESM member. <u>A</u> Generation Company of an Embedded Generator with facilities connected to a distribution system-shall register with the Market Operator as a WESM member if it meets the criteria under Clause 2.3.1.10; otherwise, a Generation Company



IttleClauseProvisionAmendmentRationaleCommentsWordingResponseDecisionImage: Clause cl	WESM Rules								
Categories of WESM Member - Generation Company2.3.1.3Subject to Clauses 2.3.1.5 and 2.3.1.6, a generating unit or a group of generating units connected at a common connection point with a nameplate rating or a combined nameplate rating of greater than or equal to one tenth of one tenth of one the following regional thresholds one tenth tenth of one tenth of one the following regional thresholds one tenth the following regional threshold one tenth one the following regional thresholds one tenth threshold one tenth one thresholds one tenth threshold one	Title C	Clause	Provision	-	Rationale	Comments	-	-	RCC Discussion/ Decision
peak load in a of one percent (> 0.1%) scheduled generating We suggest to retain particular reserve of the peak load in a units for consistency. the proposed revision. region shall be particular reserve region shall be classified as a scheduled generating unit. scheduled generating unit. unit. scheduled generating unit. (a) 10 MW for Luzon Grid; (b) 5 MW for	Categories of 2 WESM Member – Generation		Subject to Clauses 2.3.1.5 and 2.3.1.6, a generating unit or a group of generating units connected at a common connection point with a nameplate rating or a combined nameplate rating of greater than or equal to one tenth of one percent (> 0.1%) of the peak load in a particular reserve region shall be classified as a scheduled generating	Amendment Subject to Clauses 2.3.1.5 and 2.3.1.6, a generating unit or a group of generating units connected at a common connection point with a nameplate rating or a combined nameplate rating of greater than or equal to the following regional thresholds one tenth of one percent (> 0.1%) of the peak load in a particular reserve region shall be classified as a scheduled generating unit: (a) 10 MW for Luzon Grid;	The regional threshold provided in the under Section 6.1.1 of DOE DC2019-02-0003 is based on the minimum generation level that may significantly affect the frequency of the grid, as determined by NGCP. The same level is proposed to be used for classifying non- scheduled generating	MERALCO: Frequency bias is based on relative size of generation unit to demand. Fixed thresholds do not consider the fact that grids are growing. A %- threshold may be more practical than a fixed	-	Response Section 6 of DOE DC2019-02-0003 includes an annual review of the thresholds for mandatory membership of embedded generators. This will allow for the update of the thresholds to reflect current frequency bias. We suggest to retain	Decision <u>with facilities</u> <u>connected to a</u> <u>distribution system it</u> may register as a <u>WESM Member on a</u> <u>voluntary basis.</u>

WESM Rules	5							
Title	Clause	Provision	Proposed Amendment	Rationale	Comments	Proposed Revised Wording	Proponent's Response	RCC Discussion/ Decision
Categories of	2.3.1.4	Subject to Clauses	Subject to Clauses	For consistency with				Adopt proposal
NESM		2.3.1.5 and 2.3.1.6, a	2.3.1.5 and 2.3.1.6, a	Section 6.1.1 of DOE				
Member –		generating unit or a	generating unit or a	DC2019-02-0003				
Generation		group of generating	group of generating					
Company		units connected at a	units connected at a					
		common connection	common connection					
		point with a nameplate	point with a nameplate					
		rating or a combined	rating or a combined					
		nameplate rating of	nameplate rating of					
		less than one tenth of	less than the regional					
		one percent (< 0.1%)	thresholds provided					
		of the peak load in a	in Clause 2.3.1.3 one					
		particular reserve	tenth of one percent (<					
		region, or less than ten	0.1%) of the peak load					
		percent (< 10%) of the	in a particular reserve					
		size of interconnection	region, or less than ten					
		facilities, whichever is	percent (< 10%) of the					
		lower, shall be	size of interconnection					
		classified as a non-	facilities, whichever is					
		scheduled generating	lower , shall be					
		unit, but may at its	classified as a non-					
		option be classified as	scheduled generating					
		a scheduled generating	unit, but may at its					
		unit.	option be classified as					
			a scheduled generating					
			unit.					
Categories of	<u>2.3.1.10</u>	(new)	A Generation	To incorporate the	PEMC:	PEMC: none	The criteria proposed	To avoid confusion,
WESM			Company with	criteria for mandatory			only reflects the	Mr. Rosales suggeste
Member –			facilities connected	WESM registration of	For item (c): we		requirements under	using the term Pmax
Generation			to a distribution	embedded generators	suggest to include all		Section 6.1 of DOE	instead of maximum
Company			system shall register	provided under Section	renewable energy		DC2019-02-0003. We	stable load. He
			with the Market	6.1 of DOE DC2019-	plants, whether FIT or		suggest to retain the	explained that Pmax
			Operator if:	02-0003	non-FIT, in the		proposed revision.	indicated in Certificate

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WESM Rul	es								
T '41.	0	Description		Proposed	Detionals	0	Proposed Revised	Proponent's	RCC Discussion/
Title	Clause	Provision		Amendment	Rationale	Comments	Wording	Response	Decision
			<u>a)</u>	the maximum		mandatory registration			of Compliance which is
				stable load of its		for monitoring			the reference
				generating unit is		purposes.			document for
				greater than or					registering in the
				equal to 10 MW, if					WESM. On the other
				the generating					hand, maximum stable
				<u>unit is in the</u>					load can be changed
				<u>Luzon <i>Grid</i>, or 5</u>					from time to time that
				MW, if the					participants can take
				generating unit is					advantage to
				<u>in the Visayas or</u>					eventually decrease
				<u>Mindanao Grids;</u>					their declared
				<u>or</u>					maximum stable load.
			<u>b)</u>	<u>the <i>maximum</i></u>					
				stable load of its					The RCC agreed to
				generating unit is					revise the provision as
				below the					follows:
				<u>regional</u>					
				thresholds					A Generation
				provided under					Company with
				<u>clause 2.3.1.10(a)</u>					facilities connected
				<u>but it has a</u>					to a distribution
				bilateral contract					system of an
				outside its host					Embedded Generator
				distribution					shall register with the
				<u>utility; or</u>					Market Operator if:
			<u>c)</u>	its generating unit					a) the Pmax of its
				is under the Feed-					generating unit is
				In Tariff System.					greater than or
									equal to 10 MW, if
									the generating
									<u>unit is in the</u>
									<u>Luzon <i>Grid</i>, or 5</u>

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WESM Rules	s							
Title	Clause	Provision	Proposed Amendment	Rationale	Comments	Proposed Revised Wording	Proponent's Response	RCC Discussion/ Decision
								MW, if the generating unit is in the Visayas or Mindanao Grids; orb) the Pmax of its generating unit is below the regional thresholds provided under clause 2.3.1.10(a) but it has a bilateral contract

WESM Rule	es							
Title	Clause	Provision	Proposed	Rationale	Comments	Proposed Revised	Proponent's	RCC Discussion/
Title	Clause	Provision	Amendment	Rationale	Comments	Wording	Response	Decision
					Panasia/MEI:	Panasia/MEI:	Section 6.1.2 of	Mr. Abner Tolentino
							DC2019-02-0003 also	(PSALM) raised that
					MEI suggests to	XXX	requires embedded	embedded generators
					include the case when		generators below the	providing ancillary
					the maximum stable	b) the maximum	threshold but are	services (AS) should
					load of the generating	stable load of its	intending to sell to the	also be mandated to
					unit is below the	generating unit is	WESM to register. The	register in the WESM.
					regional thresholds but	below the regional	DC, however, does not	Mr. Rosales explained
					(a) the Generation	thresholds	require those that have	that currently, the SO
					Company has capacity	provided under	ASPA to register in the	does not normally use
					not covered by its	clause 2.3.1.10(a)	WESM. Since the	embedded generators
					bilateral contract with	but <u>(i)</u> it has a	reference of the	to provide AS but
					the host distribution	bilateral contract	proposed revision is	eventually it may. He
					utility that it intends to	outside its host	the DC, we suggest to	stated though that
					sell in the WESM, or	distribution utility,	include the remaining	matters related to AS
					(b) it has an Ancillary	<u>or (ii) it is offering</u>	criteria under Section	embedded generators
					Services Procurement	in the WESM the	6.1.2 of the DC.	must be first clarified
					Agreement with the	capacity not	Embedded generators	and addressed before
					System Operator, or (c)	covered by its	with ASPA may	establishing the
					the facility is a	bilateral contract	register on a voluntary	process of their
					merchant plant offering	with the host	basis.	mandatory registration
					its energy and/or	distribution		in the WESM.
					reserves exclusively in	<u>utility, or (iii) it</u>	It is recommended that	
					the WESM.	has an Ancillary	the provision be	
						<u>Services</u>	revised as follows:	
						Procurement		
						Agreement with	A Generation	
						the System	Company with	
						Operator, or (iv)	facilities connected	
						the facility is a	to a distribution	
						merchant plant	system shall register	
						offering its	with the Market	
						energy and/or	<u>Operator if:</u>	

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WESM Rul	es							
Title	Clause	Provision	Proposed Amendment	Rationale	Comments	Proposed Revised Wording	Proponent's Response	RCC Discussion/ Decision
						reserves	a) the maximum	
						exclusively in the	stable load of its	
						WESM; or	generating unit is	
							greater than or	
						xxx	equal to 10 MW, if	
							the generating	
					MERALCO:		<u>unit is in the</u>	
						MERALCO:	<u>Luzon <i>Grid</i>, or 5</u>	
					For consistency with		MW, if the	
					DOE DC2019-02-0003	XXX	generating unit is	
							<u>in the Visayas or</u>	
						b) the maximum stable	<u>Mindanao Grids;</u>	
						load of its generating	<u>or</u>	
						unit is below the	<u>b)</u> the maximum	
						regional thresholds	stable load of its	
						provided under clause	generating unit is	
						2.3.1.10(a) but it has a	below the	
						bilateral contract	regional	
						outside its host	thresholds	
						distribution utility, or	provided under	
						intends to sell to the	<u>clause 2.3.1.10(a)</u>	
						WESM, or inject	but it has a	
						power to the Grid; or	<u>bilateral contract</u>	
							outside its host	
						XXX	distribution	
							<u>utility, or intends</u>	
							<u>to sell to the</u> WESM, or inject	
							power to the	
							transmission	
							<u>system; or</u>	

WESM Rules	S							
Title	Clause	Provision	Proposed	Rationale	Comments	Proposed Revised	Proponent's	RCC Discussion/
The	Clause	FIOVISION	Amendment	Kalionale	Comments	Wording	Response	Decision
							c) its generating unit	
							is under the Feed-	
							In Tariff System.	
Glossary		(new)	Maximum Stable	To incorporate the	TC:	TC:	Although we agree with	As recommended by
,, ,			Load. The maximum	definition of maximum			TC, the definition is	Mr. Rosales, the RCC
			demand in MW that a	stable load in the	The term	Maximum Stable	taken directly from	agreed to solely use
			generating unit, or	WESM Rules. The	"output/generation" is	Load. The maximum	DOE DC2019-02-0003.	Pmax to be consistent
			generating block or	same definition is	more technically	demand output in MW	We defer the proposal	with what is indicated
			module in case of a	provided in Section 2(i)	correct as "demand"	that a generating unit,	to the RCC. We agree	in COCs.
			combined cycle	of DOE DC2019-02-	specifically refers to	or generating block	with MERALCO to	
			power plant, can	0003 and the WESM	load. Moreover, the	or module in case of	include Pmax in the	Maximum Stable
			reliably sustain for an	Registration Manual.	above suggested	a combined cycle	definition.	Load or Pmax. The
			indefinite period of		definition is consistent	power plant, can		maximum demand in
			time, based on the		with the definition of	reliably sustain for an		MW that a generating
			generator capability		maximum stable load	indefinite period of		unit, or generating
			<u>tests.</u>		provided in the Philippine Grid Code,	time, based on the generator capability		block or module in case of a combined
					to wit:	tests.		cycle power plant,
								can reliably sustain
					<i>"Maximum stable load.</i>			for an indefinite
					The maximum net			period of time, based
					output in MW that a			on the generator
					Generating Unit can			capability tests.

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WESM Rule	es							
Title	Clause	Provision	Proposed Amendment	Rationale	Comments	Proposed Revised Wording	Proponent's Response	RCC Discussion/ Decision
					reliably sustain based on the Generating Unit capability tests."	MERALCO:		
					MERALCO: The DOE Circular uses	Maximum Stable Load <u>or Pmax</u> . The maximum demand in		
					the term Pmax.	MW that a <i>generating</i> <i>unit</i> , or generating block or module in case of a combined cycle power plant, can		
						reliably sustain for an indefinite period of time, based on the generator capability		
Glossary		Non-Scheduled Generating Unit. A	Non-Scheduled Generating Unit. A	For consistency with Section 6.1.1 of DOE DC2019-02-0003		tests.		Adopt proposal
		generating unit or a group of generating units connected at a common point with a nameplate rating and a	generating unit or a group of generating units connected at a common point with a nameplate rating and a	DC2019-02-0003				
		combined nameplate rating of less than one tenth of one percent (<0.1%) of the peak	combined nameplate rating-of less than <u>the</u> <u>regional thresholds</u> provided in clause					
		load in a particular reserve region, or less than ten percent (<10%) of the size of	2.3.1.3. one tenth of one percent (<0.1%) of the peak load in a particular reserve					

WESM Rul	es							
Title	Clause	Provision	Proposed Amendment	Rationale	Comments	Proposed Revised Wording	Proponent's Response	RCC Discussion/ Decision
		the interconnection	region, or less than ten					
		facilities, whichever is	percent (<10%) of the					
		lower.	size of the					
			interconnection					
			facilities, whichever is					
			lower.					
Glossary		Scheduled	Scheduled	For consistency with				Adopt proposal
		Generating Unit. A	Generating Unit. A	Section 6.1.1 of DOE				
		generating unit so	generating unit so	DC2019-02-0003				
		classified in	classified in					
		accordance with clause	accordance with clause					
		2.3.1.2 (a)(1). A	2.3.1.2 (a)(1). A					
		generating unit or a	generating unit or a					
		group of generating	group of generating					
		units connected at a	units connected at a					
		common connection	common connection					
		point with a nameplate	point with a nameplate					
		rating or a combined	rating or a combined					
		nameplate rating of	nameplate rating of					
		greater than or one	greater than or equal					
		tenth of one percent	to the regional					
		(>0.1%) of the peak	thresholds provided					
		load in a particular	in clause 2.3.1.3. one					
		reserve region.	tenth of one percent					
			(>0.1%) of the peak					
			load in a particular					
			reserve region.					

Proposed Amendments Providing the Framework Governing the Operations of Embedded Generators

Title	Section	Provision	Proposed Amendment	Rationale	Comments	Proposed Revised Wording	Proponent's Response	RCC Discussion/ Decision
SENERAL	1.4.3	(inserted)	Membership in the WESM	To incorporate the	Panasia/MEI:	Panasia/MEI:	Section 6.1.2 of	For consistency with
GUIDELINES		(is mandatory for a	criteria for			DC2019-02-0003	revisions to WESM
			generation company	mandatory WESM	MEI suggests to	xxx	also requires	Rules Clause
			whose facility is directly	registration of	include the case		embedded	2.3.1.1, the provision
			connected to a distribution	embedded	when the maximum	b) the maximum	generators below	is revised as follows:
			system if:	generators provided	stable load of the	stable load of its	the threshold but are	
			(a) the maximum stable	under Section 6.1 of	generating unit is	generating unit is	intending to sell to	A Generation
			load of its generating	DOE DC2019-02-	below the regional	below the regional	the WESM to	Company with
			unit is greater than or	0003	thresholds but (a)	thresholds provided	register. The DC,	facilities connected
			equal to 10 MW, if the		the Generation	under clause	however, does not	to a distribution
			generating unit is in		Company has	2.3.1.10(a) but <u>(i)</u> it	require those that	system of an
			the Luzon <i>Grid</i> , or 5		capacity not covered	has a bilateral	have ASPA to	Embedded
			MW, if the generating		by its bilateral	contract outside its	register in the	Generator shall
			<u>unit is in the Visayas</u>		contract with the	host distribution	WESM. Since the	register with the
			<u>or Mindanao <i>Grids</i>; or</u>		host distribution	utility, <u>or (ii) it is</u>	reference of the	Market Operator if:
			(b) <u>the maximum stable</u>		utility that it intends	offering in the	proposed revision is	<u>a)</u> the maximum
			load of its generating		to sell in the WESM,	WESM the capacity	the DC, we suggest	stable load
			<u>unit is below the</u>		or (b) it has an	not covered by its	to include the	Pmax of its
			regional thresholds		Ancillary Services	bilateral contract	remaining criteria	generating unit
			provided above but it		Procurement	with the host	under Section 6.1.2	is greater than
			has a bilateral contract		Agreement with the	distribution utility,	of the DC.	or equal to 10
			outside its host		System Operator, or	<u>or (iii) it has an</u>	Embedded	MW, if the
			distribution utility; or		(c) the facility is a	Ancillary Services	generators with	generating unit
			(c) its generating unit is		merchant plant	Procurement	ASPA may register	is in the Luzon
			under the Feed-In		offering its energy	Agreement with the	on a voluntary basis.	<u>Grid, or 5 MW,</u>
			<u>Tariff System.</u>		and/or reserves	System Operator,		<u>if the</u>
					exclusively in the	or (iv) the facility is	It is recommended	generating unit
			If the above criteria are not		WESM.	<u>a merchant plant</u>	that the provision be	<u>is in the</u>
			<u>met, a generation</u>			offering its energy	revised as follows:	<u>Visayas or</u>

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Registration, Suspension and	I De-Registration Criteria ar	nd Procedures Issue 5.0					
Title Section	Provision	Proposed Amendment	Rationale	Comments	Proposed Revised Wording	Proponent's Response	RCC Discussion/ Decision
		<u>company with a facility</u> <u>connected to a <i>distribution</i> <u>system may register in the</u> <u>WESM on a voluntary</u> <u>basis.</u></u>		MERALCO: For consistency with DOE DC2009-02- 0003	Wording and/or reserves exclusively in the WESM; or xxx MERALCO: xxx b) the maximum stable load of its generating unit is below the regional thresholds provided under clause 2.3.1.10(a) but it has a bilateral contract outside its host distribution utility, or intends to sell to the WESM, or inject power to the Grid; or xxx	A Generation Company with facilities connected to a distribution system shall register with the Market Operator if: a) the maximum stable load of its generating unit is greater than or equal to 10 MW, if the generating unit is in the Luzon Grid, or 5 MW, if the generating unit is in the Luzon Grid, or 5 MW, if the generating unit is in the Luzon Grids; or b) the maximum stable load of its generating unit is below the regional thresholds provided under clause 2.3.1.10(a) but	DecisionMindanao Grids; orb) the maximum stable loadPmax of its generating unit is below the regional thresholds provided under clause2.3.1.10(a) but it has a bilateral contract outside its host distribution utility, or intends to sell to the WESM, or inject power to the transmission system; orc) its generating unit is under the Feed-In Tariff System.

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dgcc

Title	Section	Provision	Proposed Amendment	Rationale	Comments	Proposed Revised Wording	Proponent's Response	RCC Discussion Decision
							<u>bilateral</u>	
							<u>contract</u>	
							outside its host distribution	
							utility, or	
							intends to sell	
							to the WESM,	
							or inject power	
							to the	
							transmission	
							system; or	
							c) its generating	
							unit is under	
							the Feed-In	
							Tariff System.	
ENERAL	1.4.3	1.4.3 XXX	1.4. <u>4</u> XXX	Proposed re-				Adopt proposal
UIDELINES	1.4.4	1.4.4 XXX	1.4. <u>5</u> XXX	numbering with the				
				insertion of proposed				
				clause 1.4.3				
eneration Unit	2.5.4.1	2.5.4.1 Generation Unit	2.5.4.1 Generation Unit	The regional	MERALCO:		Section 6 of DOE	Adopt proposal
assification		Classification	Classification	threshold provided in			DC2019-02-0003	
		a) An Applicant wishing to	a) An Applicant wishing to	the under Section	As a grid grows,		includes an annual	
		register as Generation Company shall, upon	register as Generation Company shall, upon	6.1.1 of DOE DC2019-02-0003 is	small generating units' ability to affect		review of the thresholds for	
		application, classify each	application, classify each of	based on the	frequency		mandatory	
		of the generating unit or	the generating unit or group	minimum generation	diminishes. A %-		membership of	
		group of generating units	of generating units which	level that may	threshold may be		embedded	
		which form part of the	form part of the generation	significantly affect	more practical than a		generators. This will	
		generation system it	system it owns or operates	the frequency of the	fixed threshold.		allow for the update	
		owns or operates or	or controls or from which it	grid as determined			of the thresholds to	
		controls or from which it	otherwise sources electricity	by NGCP. The same			reflect current	
		otherwise sources	as either –	level is proposed to			frequency bias. We	
		electricity as either -		be used for				

Title	Section	Provision	Proposed Amendment	Rationale	Comments	Proposed Revised Wording	Proponent's Response	RCC Discussion Decision
		Scheduled	Scheduled	classifying non-			suggest to retain the	
		generating unit/s	<i>generating unit/</i> s for	scheduled			proposed revision.	
		for unit/s that are	unit/s that are	generating units for				
		connected to a	connected to a	consistency.				
		common	common connection					
		connection point	point with a					
		with a nameplate	nameplate rating or					
		rating or a	a combined					
		combined	nameplate rating of					
		nameplate rating	greater than or					
		of greater than or	equal to the					
		one tenth of one	following regional					
		percent of the	thresholds: one					
		peak load in a	tenth of one percent					
		particular reserve	of the peak load in a					
		region.14	particular reserve					
		Non-scheduled	region.					
		generating unit/s	○ <u>10 MW for</u>					
		for unit/s that are	<u>Luzon <i>Grid</i>;</u>					
		connected at a	○ <u>5 MW for</u>					
		common	<u>Visayas</u>					
		connection point	<u>Grid; and</u>					
		with a nameplate	○ <u>5 MW for</u>					
		rating and a	<u>Mindanao</u>					
		combined	<u>Grid.</u>					
		nameplate rating	 Non-scheduled 					
		of less than one	generating unit/s for					
		tenth of one	unit/s that are					
		percent of the	connected at a					
		peak load in a	common connection					
		particular reserve	point with a					
		region, or less	nameplate rating					

Title	Section	Provision	Proposed Amendment	Rationale	Comments	Proposed Revised Wording	Proponent's Response	RCC Discussion/ Decision
		than ten percent (10%) of the size of the interconnection facilities whichever is lower. However, the <i>Generation</i> <i>Company</i> may also elect to have such unit/s classified as <i>scheduled</i> <i>generating unit/s</i> .	and a combined nameplate rating of less than <u>the</u> <u>regional thresholds</u> <u>for scheduled</u> <u>generating unit/s</u> one tenth of one percent of the peak load in a particular reserve region, or less than ten percent (10%) of the size of the interconnection facilities whichever is lower. However, the Generation Company may also elect to have such unit/s classified as scheduled generating unit/s.					
CESSATION OF REGISTRATION	5.2.1.5	(new)	<u>A WESM Member whose</u> membership in the WESM is not mandatory as provided under Section 1.4	Clarify that generation companies that register voluntarily in	Panasia/MEI: Does this include generation		Panasia/MEI: Yes.	For clarity, the RCC revised the provision as follows:
			may cease to be registered by following the	the WESM (including those whose	companies that underwent		MERALCO:	<u>A voluntary WESM</u> Member whose
			procedures in this Section 5.2.1.	contract outside its host DU has	mandatory registration because		We agree that the host DU should be	membership in the WESM is not
			<u>V.2.1.</u>	expired) may cease	their generating units		notified prior to	mandatory as

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Registration, Susp	ension and	De-Registration Criteria an	d Procedures Issue 5.0					
Title	Section	Provision	Proposed Amendment	Rationale	Comments	Proposed Revised Wording	Proponent's Response	RCC Discussion/ Decision
				its membership any	have a nameplate		cessation. We	provided under
				time.	rating or a combined		propose to revise	Section 1.4 may
					nameplate rating of		the provision as	cease to be de-
					greater than or equal		follows:	<u>register<mark>ed</mark> by</u>
					to one tenth of one			following the
					percent of the peak		A WESM Member	procedures in this
					load in a particular		whose membership	Section 5.2.1.
					reserve region, but		in the WESM is not	
					are below the		mandatory as	Section 5.2.1.1 was
					regional thresholds.		provided under	also revised as
					This is true for the		Section 1.4 may	follows:
					Visayas and		cease to be	
					Mindanao grids		registered by	A WESM member
					because the regional		following the	wishing to cease to
					threshold of 5 MW is		procedures in this	be registered in any
					greater than 0.1% of		Section 5.2.1. The	one or more of the
					the system peak		notice to be	categories in which it
					demand.		submitted to the	is registered shall
							Market Operator	notify the Market
							<u>shall be</u>	Operator and the
					MERALCO:	MERALCO:	accompanied by	Network Service
							proof that it has	Provider in writing.
					Particularly in the	A WESM Member	notified its Network	
					case of distribution	whose membership	Service Provider.	
					utilities and	in the WESM is not		
					embedded	mandatory as		
					generators, the DU	provided under		
					should be notified	Section 1.4 may		
					prior to the cessation	cease to be		
					of membership of an	registered by		
					embedded generator	following the		
					_	procedures in this		



Registration, Sus	pension and l	De-Registration Criteria an	nd Procedures Issue 5.0					
Title	Section	Provision	Proposed Amendment	Rationale	Comments	Proposed Revised Wording	Proponent's Response	RCC Discussion/ Decision
					within its franchise	Section 5.2.1.,		
					area.	provided that the		
						Network Service		
						Provider to which		
						the WESM Member		
						is connected is		
						given prior		
						notification.		

Proposed Amendments Providing the Framework Governing the Operations of Embedded Generators

Title	Section	Provision	Proposed Amendment	Rationale	Comments	Proposed Revised Wording	Proponent's Response	RCC Discussion/ Decision
METERING	2.4.2	For Embedded	For Embedded	To incorporate	NGCP:	NGCP:	NGCP:	Adopt NGCP's
NSTALLATION		Generators	Generators registered	application of PDC				suggestion and the
STANDARDS –		registered as WESM	as WESM Participants,	standards for	NGCP proposes to	For Embedded	We suggest to adopt	proponent's revision
/IETERS –		Participants, meters	meters installed as the	embedded	change the term	Generators	NGCP's proposal to	for consistency with
Requirements for		installed as the main	main revenue meter	generators as	"back-up meter" to	registered as WESM	use the term	previous proposed
evenue Meters for		revenue meter and	and back-up meter	provided under	"alternate meter"	Participants, meters	"alternate". We	amendments (under
mbedded		back-up meter shall	shall adhere to the	Section 5.2.2 of	consistent with the	installed as the main	suggest to retain the	RCC-RESO-19-10):
Senerators		adhere to the	prevailing	DC2019-02-0003.	Philippine Grid Code	revenue meter and	wording under RCC-	
egistered as		prevailing	requirements of the	However, it is	(PGC) 2016 Edition.	back-up alternate	RESO-19-10.	For Embedded
/ESM Participants		requirements of the	Philippine Distribution	proposed that 5-		meter shall adhere to	Appendix M is also	Generators registered
		Philippine Grid	Grid Code and in 5-	minute interval data		the prevailing	proposed to be	as WESM Participant
		Code.	minute interval data.	be required to match		requirements of the	retained in view of	the main meters
				the WESM's 5-		Philippine	the direction under	installed as the main
		The current	The current	minute dispatch		Distribution Code	RCC-RESO-19-10.	revenue meter and
		specifications are	specifications are	interval since PDC		(PDC) and in 5-	As such, the wording	back-up meter shall
		provided as	provided as Appendix	only requires 15-		minute interval data.	under RCC-RESO-	adhere to the
		Appendix M of this	M of this Manual.	minute interval			19-10 is proposed to	prevailing
		Manual.		metering.	MERALCO:		be retained, which is	requirements of the
				-		MERALCO:	as follows:	Philippine Distributio
				Reference to current	The implementation of			Grid Code and shall
				specifications is	5-minute interval data	For Embedded	For Embedded	be capable of
				proposed to be	rests on the (1) the	Generators	Generators	recording 5-minute
				deleted to remove	approval by the	registered as WESM	registered as WESM	interval data. If there
				necessity to revise	Energy Regulatory	Participants, meters	Participants, the	is an alternate meter
				manual every time	Commission of	installed as the main	main meters	it shall also adhere t
				the PDC standards	PEMC's Application for	revenue meter and	installed as the main	the requirements of
				are updated.	the Approval of its	back-up meter shall	revenue meter and	the prevailing PDC
					Price Determination	adhere to the	back-up meter shall	Edition.
				Note: This proposed	Methodology (ERC	prevailing	adhere to the	
				amendment was also	Case No. 2017-042	requirements of the	prevailing	

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Title	Section	Provision	Proposed Amendment	Rationale	Comments	Proposed Revised Wording	Proponent's Response	RCC Discussion/ Decision
				submitted as a	RC), which includes	Philippine	requirements of the	
				comment on NGCP's	the shortening of	Distribution Code	Philippine	
				change proposal	scheduling and pricing	and in 5-minute	Distribution Grid	
				(ORCP-WM-19-06).	intervals and (2)	interval data.	Code and shall be	
					ERC's approval of a		capable of	
					new metering		recording 5-minute	
					standard.		interval data. If	
							there is an alternate	
					When ERC approves		meter, it shall also	
					the use of a new		adhere to the	
					metering standard (i.e.		requirements of the	
					5-minute meter		prevailing PDC	
					interval), there will be		Edition.	
					no need to specify it in			
					the market manual.		The current	
							specifications are	
					ERC also needs to		provided as	
					approve DU's CAPEX		Appendix M of this	
					applications for the the		Manual.	
					proposed acquisition			
					of metering facilities		MERALCO:	
					and associated			
					facilities and support		Five-minute metering	
					infrastructure for 5-		is already provided in	
					minute metering.		the manual. The	
					J J		proposal only	
							clarifies that it is still	
							a requirement even	
							with the reference to	
							the PDC.	
TERING STALLATION ANDARDS –	2.5.1	Metering installations shall	Metering installations, if applicable, shall					Adopt proposal

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Title	Section	Provision	Proposed Amendment	Rationale	Comments	Proposed Revised Wording	Proponent's Response	RCC Discussion/ Decision
NSTRUMENT		include instrument	include instrument	embedded				
RANSFORMERS -		transformers.	transformers.	generators as				
ieneral				provided under				
equirements			2.5.1.1 Requirements	Section 5.2.2 of				
			for Transmission Grid Instrument	DC2019-02-0003.				
			Transformers	Section 7.2.1(b) of				
				the PDC provides				
			Instrument	that the distribution				
			Transformers used	metering equipment				
			for metering of	shall include				
			Transmission Grid	instrument				
			Connections shall	transformers as may				
			adhere to the	be applicable only.				
			prevailing					
			requirements of the	Note: This proposed				
			Philippine Grid Code.	amendment was also				
				submitted as a				
				comment on NGCP's				
			2.5.1.2 Requirements	change proposal				
			for Embedded	(ORCP-WM-19-06).				
			Generators					
			Registered as WESM					
			Participants					
			Instrument					
			Transformers used					
			for metering of					
			Embedded					
			<u>Generators</u>					
			registered as WESM					
			Participants shall					
			adhere to the					

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Title	Section	Provision	Proposed Amendment	Rationale	Comments	Proposed Revised Wording	Proponent's Response	RCC Discussion/ Decision
			prevailing					
			requirements of the					
			Philippine					
			Distribution Code.					
METERING	2.8	The communication	The communication	To incorporate				Adopt proposal
NSTALLATION		link to be installed	link to be installed for	application of PDC				
STANDARDS –		shall be a dedicated	<u>metering</u>	standards for				
COMMUNICATION		line for metering	installations of	embedded				
INKS FOR THE		purposes (e.g.	facilities directly	generators as				
METER		PLDT, Bayantel,	connected to the	provided under				
		Digitel lines or GSM	transmission system	Section 5.2.2 of				
		Modem) of the MSP.	shall be a dedicated	DC2019-02-0003.				
			line for metering					
			purposes (e.g. PLDT,					
			Bayantel, Digitel lines					
			or GSM Modem) of the					
			MSP.					
			The communication					
			link to be installed					
			for metering					
			installations of					
			facilities directly					
			connected to a					
			distribution system					
			shall comply with the					
			relevant provisions					
			of the Philippine					
			Distribution Code.					
IETERING	<u>2.9.1</u>	(inserted)	General	To incorporate				Adopt proposal
NSTALLATION			Requirements	application of PDC				
STANDARDS –				standards for				

Title	Section	Provision	Proposed Amendment	Rationale	Comments	Proposed Revised Wording	Proponent's Response	RCC Discussion/ Decision
ECURITY OF			Security of metering	embedded			-	
1ETERING			installations of	generators as				
NSTALLATIONS			facilities directly	provided under				
ND DATA <u>–</u>			connected to the	Section 5.2.2 of				
<u>ieneral</u>			transmission system	DC2019-02-0003				
equirements			shall comply with the					
			requirements of this					
			Section 2.9.					
			<u>Metering</u>					
			installations of					
			facilities directly					
			connected to a					
			distribution system					
			shall comply with the					
			security					
			requirements of the					
			<u>Philippine</u>					
			Distribution Code.					
IETERING	2.9.1	2.9.1 XXX	2.9. <u>2</u> XXX	Proposed re-				Adopt proposal
ISTALLATION	2.9.1.1	2.9.1.1 XXX	2.9. <u>2</u> .1 XXX	numbering with the				
TANDARDS –	2.9.1.2	2.9.1.2 XXX	2.9. <u>2</u> .2 XXX	insertion of new				
ECURITY OF	2.9.1.3	2.9.1.3 XXX	2.9. <u>2</u> .3 XXX	clause 2.9.1				
IETERING	2.9.1.4	2.9.1.4 XXX	2.9. <u>2</u> .4 XXX					
ISTALLATIONS	2.9.1.5	2.9.1.5 XXX	2.9. <u>2</u> .5 XXX					
ND DATA	2.9.1.6	2.9.1.6 XXX	2.9. <u>2</u> .6 XXX					
	2.9.1.7	2.9.1.7 XXX	2.9. <u>2</u> .7 XXX					
	2.9.2	2.9.2 XXX	2.9. <u>3</u> XXX					
	2.9.2.1	2.9.2.1 XXX	2.9. <u>3</u> .1 XXX					
	2.9.2.2	2.9.2.2 XXX	2.9. <u>3</u> .2 XXX					
	2.9.2.3	2.9.2.3 XXX	2.9. 3 .3 XXX					

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Title	Section	Provision	Proposed Amendment	Rationale	Comments	Proposed Revised Wording	Proponent's Response	RCC Discussion/ Decision
	2.9.2.4	2.9.2.4 XXX	2.9. <u>3</u> .4 XXX					
	2.9.2.5	2.9.2.5 XXX	2.9. <u>3</u> .5 XXX					
METERING INSTALLATION STANDARDS – REDUNDANT METERING INSTALLATION	2.10.4	(new)	Facilities directly connected to a <u>distribution system</u> are not required to have redundant <u>metering.</u>	To incorporate application of PDC standards for embedded generators as provided under Section 5.2.2 of DC2019-02-0003				Adopt proposal
SPECIFICATIONS	APPENDIX	APPENDIX M	APPENDIX M	Reference to current	NGCP:		Appendix M is	Appendix M shall be
FOR REVENUE METERS FOR EMBEDDED GENERATORS REGISTERED AS WESM PARTICIPANTS	M	SPECIFICATIONS FOR REVENUE METERS FOR EMBEDDED GENERATORS REGISTERED AS WESM PARTICIPANTS XXX	SPECIFICATIONS FOR REVENUE METERS FOR EMBEDDED GENERATORS REGISTERED AS WESM PARTICIPANTS XXX	specifications is proposed to be deleted to remove necessity to revise manual every time the PDC standards are updated.	NGCP proposes to retain Appendix M in order to provide basis to some necessary requirements which are not prescribed in the latest version of PDC (i.e., mass memory requirements for 5- minute interval for 60 days, programmability to 5 mins intervals, etc.). Revising the PDC will not necessarily require the revision of this manual.		proposed to be retained in view of the direction under RCC-RESO-19-10.	retained to be consistent with RCC RESO-19-10 and as recommended by NGCP.

Proposed Amendments on the Harmonization with R.A. 11234 ("Energy Virtual One-Stop Shop Act") and Additional Requirements for De-registration and Cessation

WESM Rules					
Title	Clause	Provision	Proposed Amendment	Rationale	RCC Discussion/ Decision
APPLICATIONS FOR	2.5.3.1	Within five Working Days of receiving	Within five Working <u>Calendar</u> Days of	Reflect calendar days as used in the	Adopt proposal
REGISTRATION -		an application, the Market Operator	receiving an application, the Market	allowed time frame for market operator	
Further Information to		shall advise the applicant of any further	Operator shall advise the applicant of	to release actions on applications as	
Assess Application		information which the Market Operator	any further information which the	specified in Section 13 under RA 11234	
		reasonably considers to be required to	Market Operator reasonably considers	(An Act Establishing the Energy Virtual	
		enable the Market Operator to properly	to be required to enable the Market	One-Stop Shop for the Purpose of	
		assess the application	Operator to properly assess the	Streamlining the Permitting Process of	
			application	Power Generation, Transmission, and	
				Distribution Projects).	
APPLICATIONS FOR	2.5.3.2	If the Market Operator has not received	If the Market Operator has not received	Reflect calendar days as used in the	Adopt proposal
REGISTRATION -		any further information as required	any further information as required	allowed time frame for market operator	
Further Information to		under clause 2.5.3.1 within the next	under clause 2.5.3.1 within the next	to release actions on applications as	
Assess Application		fifteen Working Days, the Market	fifteen Working <u>Calendar</u> Days, the	specified in Section 13 under RA 11234	
		Operator may treat the application as	Market Operator may treat the		
		withdrawn.	application as withdrawn.		
APPLICATIONS FOR	2.5.5.1	If the Market Operator approves an	If the Market Operator approves an	Reflect calendar days as used in the	Adopt proposal
REGISTRATION -		application under clause 2.5.4, the	application under clause 2.5.4, the	allowed time frame for market operator	
Notice of Approval of		Market Operator shall send written	Market Operator shall send written	to release actions on applications as	
Application		notice of approval to the applicant	notice of approval to the applicant	specified in Section 13 under RA 11234	
		within fifteen Working Days from receipt	within fifteen Working <u>Calendar</u> Days		
		of: xxx	from receipt of: xxx		
APPLICATIONS FOR	2.5.5.2	The registration of the applicant shall	The registration of the applicant shall	Reflect calendar days as used in the	Adopt proposal
REGISTRATION –		take effect on the date specified in the	take effect on the date specified in the	allowed time frame for market operator	
Notice of Approval of		notice of approval which shall be a date	notice of approval which shall be a date	to release actions on applications as	
Application		not more than seven Working Days	not more than seven Working Calendar	specified in Section 13 under RA 11234	
		after the date on which the Market	Days after the date on which the Market		
		Operator sends the notice of approval	Operator sends the notice of approval		
		under clause 2.5.5.1.	under clause 2.5.5.1.		
APPLICATIONS FOR	2.5.6.1	If the Market Operator does not	If the Market Operator does not	Reflect calendar days as used in the	Adopt proposal
REGISTRATION –		approve an application for registration	approve an application for registration	allowed time frame for market operator	
		in a category to which an application	in a category to which an application		

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REF NO.: RCC-MIN-19-08 Annex D

Title	Clause	Provision	Proposed Amendment	Rationale	RCC Discussion/ Decision
Notice of Non-Approval		relates, the Market Operator shall send	relates, the Market Operator shall send	to release actions on applications as	
of Application		within fifteen (15) Working Days written	within fifteen (15) Working <u>Calendar</u>	specified in Section 13 under RA 11234	
		notice to the applicant advising the	Days written notice to the applicant		
		applicant that the application is not	advising the applicant that the		
		approved and the Market Operator shall	application is not approved and the		
		give reasons for its decision.	Market Operator shall give reasons for		
			its decision.		
APPLICATIONS FOR	2.5.6.2	The DOE and ERC shall, in all	The DOE and ERC shall, in all	Reflect calendar days as used in the	Adopt proposal
REGISTRATION -		instances, be provided a copy of such	instances, be provided a copy of such	allowed time frame for market operator	
Notice of Non-Approval		written notice within five (5) Working	written notice within five (5) Working	to release actions on applications as	
of Application		Days after issuance to the application	Calendar Days after issuance to the	specified in Section 13 under RA 11234	
			application		

Proposed Amendments on the Harmonization with R.A. 11234 ("Energy Virtual One-Stop Shop Act") and Additional Requirements for De-registration and Cessation

Title	Section	Provision	Proposed Amendment	Rationale	RCC Discussion/ Decision
Assessment of Applications -	2.5.5.1(b)	Within five (5) business days from	Within five (5) business <u>calendar</u> days	Reflect calendar days as used in	Adopt proposal
Submission and Preliminary		receipt of application, the Market	from receipt of application, the Market	the allowed time frame for market	
Assessment of Applications		Operator shall advise the Applicant of	Operator shall advise the Applicant of	operator to release actions on	
		any lacking requirement as well as	any lacking requirement as well as	applications as specified in	
		additional information required to	additional information required to	Section 13 under RA 11234 (An	
		enable the proper assessment of the	enable the proper assessment of the	Act Establishing the Energy	
		application. As provided for in WESM	application. As provided for in WESM	Virtual One-Stop Shop for the	
		Rules clause 2.5.3.2, if the Market	Rules clause 2.5.3.2, if the Market	Purpose of Streamlining the	
		Operator has not received the lacking	Operator has not received the lacking	Permitting Process of Power	
		requirement or additional information	requirement or additional information	Generation, Transmission, and	
		that it requires within the next fifteen	that it requires within the next fifteen	Distribution Projects).	
		business days, it may treat the	business <u>calendar</u> days , it may treat		
		application as withdrawn. The Market	the application as withdrawn. The		
		Operator shall notify the applicant in	Market Operator shall notify the		
		writing of the abandonment of the	applicant in writing of the abandonment		
		application.	of the application.		
pproval of Applications - Notice	2.5.6.2(a)	For approved applications, the Market	For approved applications, the Market	Reflect calendar days as used in	Adopt proposal
of Approval		Operator shall send a notice of approval	Operator shall send a notice of approval	the allowed time frame for market	
		to the Applicant within fifteen (15) days	to the Applicant within fifteen (15)	operator to release actions on	
		from completed submission by the	<u>calendar</u> days from completed	applications as specified in	
		applicant of the required application	submission by the applicant of the	Section 13 under RA 11234	
		forms and supporting documents and	required application forms and		
		information. The failure of the Market	supporting documents and information.		
		Operator to act on the application within	The failure of the Market Operator to act		
		this period shall not be deemed an	on the application within this period		
		approval of the application.	shall not be deemed an approval of the		
			application.		
lon-Approval of	2.5.7(a)	If an application is not approved, the	If an application is not approved, the	Reflect calendar days as used in	Adopt proposal
Applications/Remedies		Market Operator shall send within	Market Operator shall send within	the allowed time frame for market	
		fifteen (15) business days from	fifteen (15) business <u>calendar</u> days	operator to release actions on	

Title	Section	Provision	Proposed Amendment	Rationale	RCC Discussion/ Decision
		completion of application requirements a written notice to the <i>Applicant</i> advising the latter that its application has been disapproved and the reason for the same.	from completion of application requirements a written notice to the <i>Applicant</i> advising the latter that its application has been disapproved and the reason for the same.	applications as specified in Section 13 under RA 11234	
REGISTRATION OF INTENDING WESM MEMBERS - Procedures for Application	2.10.2.2	Within five (5) days from receipt of the application, the <i>Market Operator</i> shall advise the <i>Applicant</i> if it requires submission of additional information as would enable it to properly assess the application.	Within five (5) <u>calendar</u> days from receipt of the application, the <i>Market</i> <i>Operator</i> shall advise the <i>Applicant</i> if it requires submission of additional information as would enable it to properly assess the application.	Reflect calendar days as used in the allowed time frame for market operator to release actions on applications as specified in Section 13 under RA 11234	Adopt proposal
REGISTRATION OF INTENDING WESM MEMBERS - Approval/Disapproval of Application	2.10.3.2	Notice. Within fifteen (15) days from complete submission of the application and the additional information, the <i>Market Operator</i> shall issue to the <i>Applicant</i> the notice of approval or disapproval of the application. If the application is disapproved, the notice shall indicate the reasons for such disapproval. The failure of the <i>Market</i> <i>Operator</i> to act on the application within this period shall not be deemed as an approval of the application.	Notice. Within fifteen (15) <u>calendar</u> days from complete submission of the application and the additional information, the <i>Market Operator</i> shall issue to the <i>Applicant</i> the notice of approval or disapproval of the application. If the application is disapproved, the notice shall indicate the reasons for such disapproval. The failure of the <i>Market Operator</i> to act on the application within this period shall not be deemed as an approval of the application.	Reflect calendar days as used in the allowed time frame for market operator to release actions on applications as specified in Section 13 under RA 11234	Adopt proposal
FACILITY-RELATED CHANGES - Retirement of Facilities	3.3.4.2	The <i>Trading Participant</i> shall be responsible for causing the disconnection of such facilities from the grid.	The <i>Trading Participant</i> shall be responsible for causing the disconnection of such facilities from the grid. <u>The notice to de-register a</u> <u>facility to be submitted to the <i>Market</i> <u>Operator shall be accompanied by</u> <u>proof of such disconnection.</u></u>	To clarify the need to present a proof of disconnection for facilities that will be de-registered by the relevant Trading Participants.	 Adopt proposal The IEMOP clarified that a suspension notice will be issued first. If the participant failed to settle accordingly, a notice of disconnection will then be issued. The same of similar notice will also be

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WESM Manual on Registration	, Suspension a	nd De-registration Criteria and Procedu	res Issue 4.0		
Title	Section	Provision	Proposed Amendment	Rationale	RCC Discussion/ Decision
CESSATION OF	5.2.3.1	Immediately upon receipt of the notice	Immediately upon Upon receipt of the	Deletion – to consider internal	provided to the MSP and other entities involved with the disconnection. Once the participant is disconnected, it will be de-registered in the WESM. Adopt proposal
REGISTRATION – Issuance and Publication of Notice of Cessation		from the WESM member, the Market Operator shall issue a Notice of Cessation to all WESM members stating the cessation of registration WESM member, the category in which it ceases its registration, and the effective date of cessation.	notice <u>and proof of disconnection, as</u> <u>applicable</u> , from the <i>WESM member</i> , the <i>Market Operator</i> shall issue a Notice of Cessation to all <i>WESM</i> <i>members</i> stating the cessation of registration <i>WESM member</i> , the category in which it ceases its registration, and the effective date of cessation.	approvals/confirmation by the Market Operator prior the issuance of notice to the WESM members. Addition – to be consistent with the previous sections requiring applicable proof of disconnection to accompany a notice of cessation.	

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PROPOSED AMENDMENTS TO THE WESM RULES, RETAIL RULES AND VARIOUS MANUALS

16 AUGUST 2019

IEMOP BOARD ROOM

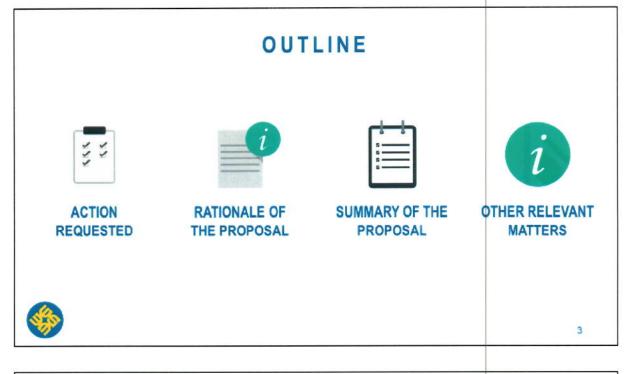
THE PROPONENT

- The proponent is the Independent Electricity Market Operator of the Philippines, Inc.
- IEMOP acts as the market operator of the WE\$M.



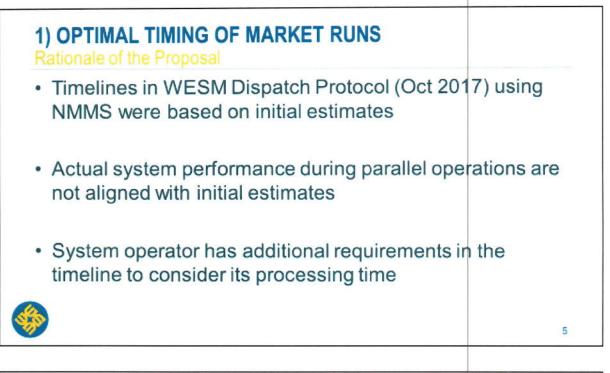
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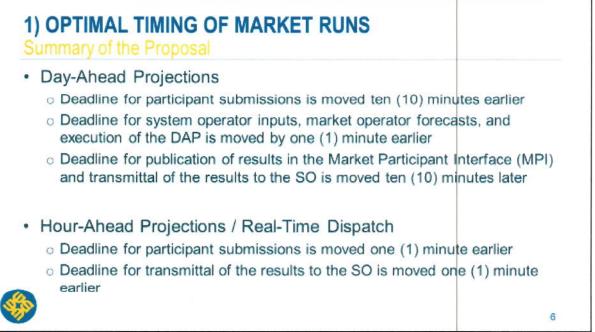
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Fc	or approval to publish		
No.	Description	Document/s	Rationale
1	Proposed Amendments to the WESM Manual on Dispatch Protocol for the Optimal Timing of Market Runs	(1) WESM Rules, (2) Dispatch Protocol	Process Improvement
2	Proposed Amendments to the WESM Manual on Registration, Suspension, and De- Registration Criteria and Procedures and WESM Manual on Market Network Model Criteria and Procedures to Clarify Procedures for the Registration of a New Load Facility	(1) MNM Manual, (2) Registration Manual	Process Improvement
3	Proposed Amendments to the Retail Rules and Various Retail Manuals to Harmonize with ERC Rules Supplementing the Switching and Billing Process and Adopting a Disconnection Policy for Contestable Customers	 Retail Rules, (2) Retail Registration Manual, (3) Retail Market Transactions Manual 	Policy Harmonization

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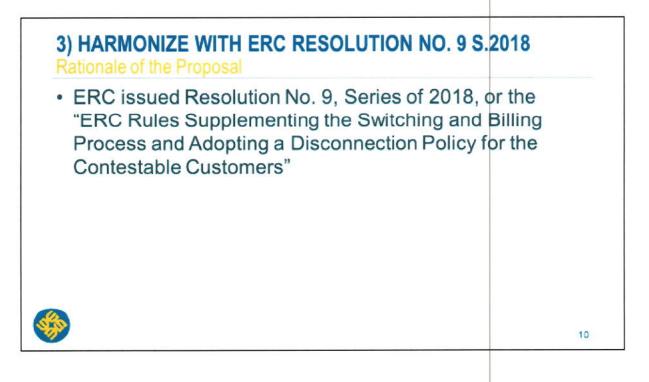
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Current	Proposed	Rationale
No formal registration of new load facilities	New provisions for registration of load facilities; • Requirement for WESM member to register new load facilities • Reference to existing technical and commercial requirements • Application of procedures and timelines for the registration of new WESM members (max 15 days)	For better monitoring of ne withdrawal points that nee to be settled in the WESM
None	New load facilities cannot withdraw from the grid unless registered in the WESM	



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3) HARMONIZE WITH ERC RESOLUTION NO. 9 S.2018 Summary of the Proposal

Current	Amendment	Rationale
 Switch request requirements are: 1) Retail Supply Contract (RSC) 2) Distribution Wheeling Service Agreement (DWSA) 3) Metering Services Agreement (MSA) 	 Switch request requirements are: 1) Retail Supply Contract (RSC) 2) Distribution Wheeling Service Agreement (DWSA) 3) Metering Services Agreement (MSA) 4) Certification of full compliance with financial obligations from DU or incumbent supplier 	For consistency with Section 2 of ERC Resolution No. 9 Series of 2018
Suspension, de-registration, and cessation of supplier and CC membership are referred to the WESM Rules and Manuals	Suspension, de-registration, and cessation of supplier and CC membership are referred to the WESM Rules and Manuals. Disconnection of CCs are in reference to regulatory issuances (i.e., DSOAR, ERC Resolution No. 9 Series of 2018).	For consistency with ERC Resolution No. 9 Series of 2018

OTHER RELEVANT MATTERS	
• None.	
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Fo	For approval to publish			
No.		Document/s	Rationale	
1	Proposed Amendments to the WESM Manual on Dispatch Protocol for the Optimal Timing of Market Runs	(1) WESM Rules, (2) Dispatch Protocol	Process Improvement	
2	Proposed Amendments to the WESM Manual on Registration, Suspension, and De- Registration Criteria and Procedures and WESM Manual on Market Network Model Criteria and Procedures to Clarify Procedures for the Registration of a New Load Facility	(1) MNM Manual, (2) Registration Manual	Process Improvement	
3	Proposed Amendments to the Retail Rules and Various Retail Manuals to Harmonize with ERC Rules Supplementing the Switching and Billing Process and Adopting a Disconnection Policy for Contestable Customers	(1) Retail Rules, (2) Retail Registration Manual, (3) Retail Market Transactions Manual	Policy Harmonization	



THANK YOU!