



DEPARTMENT CIRCULAR NO. DC 2024-03-0026

**ADOPTING AMENDMENTS TO DEPARTMENT CIRCULAR NO. DC2022-07-0029
PROVIDING POLICIES FOR THE MARKET OPERATOR PERFORMANCE
STANDARDS**

WHEREAS, on 17 January 2018, the Department of Energy (DOE) promulgated Department Circular (DC) No. DC2018-01-0002 titled "Adopting Policies for the Effective and Efficient Transition to the Independent Market Operator for the Wholesale Electricity Spot Market", which provides that the PEM Board shall adopt and enforce market operator performance standards approved by the DOE;

WHEREAS, on 20 June 2022, the DOE promulgated DC No. DC2022-07-0029 titled "Providing Policies for the Market Operator Performance Standards" or MOPS;

WHEREAS, Section 3 of DC No. DC2022-07-0029 provides that the WESM Governance Arm shall conduct review of the MOPS initially after the first two years of the implementation for the Enhanced WESM Design Operations (EWDO), and as necessary thereafter, and submit recommendations to the DOE when warranted to ensure efficient disposal of the functions of the Market Operator (MO);

WHEREAS, Clause 6.6.2 of the MOPS Issue 2.0 provides that the list of market information required to be published in the Market Information Website may be updated as deemed necessary by the Governance Arm to reflect changes to the requirements under the WESM Rules and Retail Rules subject to the conformance of the MO;

WHEREAS, Clause 10 of the MOPS Issue 2.0 provides that MOPS may be updated annually to reflect changes, if any, in the operational activities of the MO, as well as to incorporate applicable amendments to the prevailing rules and manuals that govern the WESM operations;

WHEREAS, on 05 December 2023, the Philippine Electricity Market Corporation (PEMC) submitted to the DOE an official review of the MOPS and a proposal for the changes to the MO Performance Monitoring;

WHEREAS, the DOE, to ensure transparency and consistency with the objectives of the EPIRA and the WESM, conducted virtual public consultations on said proposed amendments on 10 January 2024 which were participated by Luzon, Visayas, and Mindanao stakeholders; and

WHEREAS, the DOE reviewed and finalized said proposals and made revisions thereto, taking into consideration the comments and recommendations received from the stakeholders.

NOW THEREFORE, after careful review of the proposal, and the comments and recommendations received on the same, the DOE, pursuant to its authority under the EPIRA and the WESM Rules, hereby adopts, issues, and promulgates the following amendments to the MOPS attached as Annex B of DC No. DC2022-07-0029:

Section 1. Amendments to the MOPS.

- a. Annex B of the MOPS-Updated List of Market Information for Publication is hereby amended as provided under *Attachment 1* of this DC.
- b. Clause 12 of the MOPS - Summary of Calculation Formula for the Market Operator Performance Measures is hereby amended as provided under *Attachment 2* of this DC.

Section 2. Separability Clause. If for any reason, any section or provision of this DC is declared unconstitutional or invalid, such parts not affected shall remain valid and subsisting.

Section 3. Repealing Clause. Any DC or issuance, contrary to or inconsistent with this DC is hereby repealed, modified or amended accordingly.

Section 4. Effectivity. This DC shall take effect fifteen (15) days following its complete publication in at least two (2) newspapers of general circulation. A copy of this DC shall be filed with the University of the Philippines Law Center – Office of National Administrative Register (UPLC-ONAR).

Issued on AUG 19 2024 at the DOE, Energy Center, Rizal Drive corner 34th Street, Bonifacio Global City, Taguig City.


RAPHAEL P.M. LOTILLA
Secretary



Attachment 1: ANNEX B – LIST OF MARKET INFORMATION FOR PUBLICATION

NO.	MARKET RULES OR MANUAL CLAUSE / REGULATORY DIRECTIVE	PROVISION / TASK	DELIVERABLE/S	TO BE MONITORED FOR AVAILABILITY ?	TO BE MONITORED FOR TIMELINESS ?	TIMETABLE	LOCATION / AUDIENCE
1	WESM Rules ¹ Clause 1.3.1.4	If the Market Operator identifies any significant variations, the Market Operator shall prepare and publish a report explaining the identified significant variations within ten business days from the cognizance thereof.	Daily Significant Variations Report	✓	✓	Within ten business days from the cognizance of any significant variation (reference: WESM Rules and corresponding manual on Significant Variations)	Market Information Website / Public
	Manual - Guidelines on Significant Variations In and Between Trading Intervals Issue 4.0, Section 3.1.4	Publish a daily report that contains information that will identify any significant variation. It should be published within ten (10) business days from cognizance of the event in the Market Information Website.					
	Manual - Guidelines on Significant Variations In and Between Trading Intervals Issue 4.0, Section 3.1.5	Publish a monthly summary of the significant variations report covering a particular billing period in the Market Information Website.	Monthly Summary of Significant Variations Report	✓	✓	Not later than the 20 th day of the following calendar month (ref: MO IBP)	Market Information Website / Public

¹ WESM Rules effective as of 09 July 2024.

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2	WESM Rules Clause 3.13.12.3	The Market Operator shall: (a) Publish regular summary reports on the amount of any net settlement surplus being generated; xxx (d) Develop procedures on the possible uses of net settlement surplus subject to approval by the PEM Board; xxx	Monthly summary reports on the amount of NSS or NSD distributed to each Trading Participant	✓	✓	Not later than ninety (90) days from the last day of the billing month covered by the monthly summary report (ref: ERC Resolution No. 7, Series of 2019)	Market Information Website / Public / ERC
	Price Determination Methodology Issue 4.0, Section 9.6.1.a	The Market Operator shall comply with the reportorial requirements: (a) Regular monthly summary reports on the amount of NSS or NSD distributed to each Trading Participant. This report shall be made available to all Market Participants and shall be published in the market information website. A verified copy of the report shall likewise be submitted to the ERC, including report on the contributors to and reasons for the surplus or deficit, no later than ninety (90) business days from the last day of the billing		✓	✓		

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		period covered by the monthly summary report. The corresponding Value Added Tax (VAT) and interest amounts, as well as the date in which the interests were earned or credited to the Market Operator, if any, shall similarly be included in the subject monthly summary report;					
	MO Information Disclosure and Confidentiality Manual Issue 7.0 – Market Information Catalogue	Category: Settlements	Net settlement surplus and deficit levels and allocations	✓	✓	Not later than ninety (90) days from the last day of the billing month covered by the monthly summary report	Market Information Website / Public
3	WESM Rules Clause 3.13.12.3 b	The Market Operator shall: xxx (b) Within one year from spot market commencement date, and every year thereafter, publish a review of the underlying factors giving rise to any net settlement surplus, and attempt to identify any binding constraints which may	Review of the Underlying Factors Giving Rise to any Net Settlement Surplus	✓	✓	Within one year from spot market commencement date, and every year thereafter / within the following year	

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		have caused or contributed to such net settlement surplus.					
	MO Information Disclosure and Confidentiality Manual Issue 7.0 – Market Information Catalogue	Category: Settlements	Underlying factors affecting NSS	✓	✓	Annual	Market Information Website / Public
4	WESM Rules Clauses 3.2.1.1, 3.2.2.5, 3.5.3.10, 3.11.1.1	3.2.1.1 The Market Operator shall maintain and publish a market network model, which will be used for the purpose of central scheduling and dispatch, pricing and settlement. The Market Operator shall also publish any adaptations or adjustments to the market network model. 3.2.2.5 The Market Operator shall maintain, publish, and continuously update a register of market trading nodes and scheduling points, defined in accordance with Clauses 3.2.2.1 and 3.2.2.3 so as to accurately reflect changes in the market network model and the WESM Member responsible for each market		✓	✓		

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		trading node and scheduling point. 3.5.3.10 The Market Operator shall publish the market network model representation, all network status data, any system security constraints, overriding constraints or reserve requirements constraints used in any market projections, dispatches, prices and settlements. 3.11.1.1 The Market Operator shall publish the following: (a) <i>Nodal energy dispatch prices for all dispatch intervals and for each market trading node;</i> (b) <i>Final nodal energy dispatch prices used for settlements;</i> (c) <i>Zonal energy prices for all dispatch intervals and for each Customer pricing zone;</i> (d) <i>When applicable, reserve requirements for each reserve category in each reserve region and reserve category;</i>					

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		(e) Final reserve prices used for settlements; (f) Binding network constraints, for each dispatch interval in accordance with the timetable; (g) Violated network and other constraints and the corresponding non-zero constraint violation variable values; (h) The status of all elements of the market network model such as network element outages, network switch and circuit breaker statuses; and (i) Settlement information to enable a WESM Participant to recreate or independently verify its settlements.					
	Manual – Market Network Model Development and Maintenance Criteria and Procedures Issue 8.0, Sections 5.5.1	5.5.1 Within two (2) working days from deployment, the Market Operator shall publish advisory on the MNM updates deployed in the production system.	Advisory on the MNM updates	✓	✓	Within two (2) working days from deployment	Market Participant Interface (MPI)

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	Manual – Market Network Model Development and Maintenance Criteria and Procedures Issue 8.0, Section 5.5.2	5.5.2 Consistent with the provisions of Clause 4.5.7 of this Market Manual, the Market Operator shall prepare a monthly report containing all MNM updates deployed in the production system. This report shall be provided to the DOE, ERC, and the PEM Board, and shall be similarly published in the market information website ten (10) working days after the end of the billing period. At the least, it shall contain the following: a) Summary of MNM Updates during the month b) Latest Bus-Oriented Single Line Diagram	Monthly report containing all MNM updates (Summary of MNM Updates during the month; Latest Bus-Oriented Single Line Diagram)	✓	✓	Ten (10) working days after the end of the billing period	Market Information Website / Public
	MO Information Disclosure and Confidentiality Manual Issue 7.0 – Market Information Catalogue	Category: Market Network Model (MNM) and related information	a) MNM Bus-Oriented Single Line Diagram; b) Registry of market trading nodes; c) List of customer pricing zones (CPZ); d) Reserve cost recovery zones; and	✓	✓		

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5	WESM Rules Clause 3.7.1.1, 3.7.4.7 & 3.7.5.1 & 3.11.1.1	3.7.1.1-Week ahead projections (WAP) shall be prepared by the Market Operator and published daily, in accordance with the timetable, to assist Trading Participants to anticipate and respond to the range of spot market conditions which might reasonably be expected to occur over the forthcoming week. 3.7.4.7 The Market Operator shall publish additional updated versions of a market projection in the event of changes which, in the opinion of the Market Operator, are material and which should be communicated to Trading Participants. 3.7.5.1 Based on the information referred to in Clause 3.7.4, each market projection published by the Market Operator in accordance	e) MNM Technical Data and Parameters WAP results	✓	✓		

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		with the timetable specified in the relevant Market Manuals shall contain the following information for each dispatch interval or one (1) hour interval, as applicable, in the period covered by the market projection: a. The assumed net load forecast at each scheduling point, plus required reserves for each reserve region; xxx f. The projected market price for each market trading node; xxx 3.11.1.1 The Market Operator shall publish the following: a. Nodal energy dispatch prices for all dispatch intervals and for each market trading node; xxx c. Zonal energy prices for all dispatch intervals and for					

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		each Customer pricing zone; xxx					
	Dispatch Protocol Issue 21.0, Section 4.3.2	The following activities shall be performed for the WAP, within the time specified, using inputs for the covered study period of that specific WAP run: (see Table 1. WAP Timeline) ... Publish WAP Results in the MPI		✓	✓	Before 1100H	MPI / per participant
	MO Information Disclosure and Confidentiality Manual Issue 7.0 – Market Information Catalogue	Category: Energy and Reserve Prices	WAP prices	✓	✓	Within the next trading day	Market Information Website / Public
	MO Information Disclosure and Confidentiality Manual Issue 7.0 – Market Information Catalogue	Category: Energy and Reserve Schedules	WAP schedules	✓	✓	Updated Daily (after expiration of confidentiality)	Market Information Website / Public
6	WESM Rules Clause 3.7.2.1, 3.7.4.7 & 3.7.5.1	3.7.2.1 Day ahead projections (DAP) shall be prepared using the market dispatch optimization model by the Market Operator and published regularly through the day, in accordance with the timetable, to assist Trading Participants	DAP results	✓	✓		

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		to anticipate and respond to the range of spot market conditions which might reasonably be expected to occur over the forthcoming day. 3.7.4.7 The Market Operator shall publish additional updated versions of a market projection in the event of changes which, in the opinion of the Market Operator, are material and which should be communicated to Trading Participants. 3.7.5.1 Based on the information referred to in Clause 3.7.4, each <i>market projection published</i> by the <i>Market Operator</i> in accordance with the <i>timetable</i> specified in the relevant <i>Market Manuals</i> shall contain the following information for each <i>dispatch interval</i> or one (1) hour interval, as applicable, in the period covered by the <i>market projection</i>:					

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		(a) The assumed <i>net load</i> forecast at each <i>scheduling point</i>, plus required reserves for each <i>reserve region</i>; (b) The required level of <i>reserve</i> for each <i>reserve region</i>; (c) Any modifications to <i>plant</i> or <i>network</i> availability which the <i>Market Operator</i> may have made under Clause 3.5.13 in forming this projection; (d) Projected aggregate dispatch of <i>scheduled generating units</i>, <i>must-dispatch generating units</i>, <i>priority dispatch generating units</i>, <i>non-scheduled generating units</i>, and <i>scheduled load</i> at each <i>scheduling point</i>; (e) Projected <i>reserve</i> schedules for <i>reserve region</i> and <i>reserve facility categories</i>; (f) The projected <i>market price</i> for each <i>market trading node</i>; (g) When applicable projected <i>reserve prices</i> for each <i>reserve region</i>; and (h) Identification and quantification of:					

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		(i) projected nodal loss of load requirement; (ii) projected violations of system security; (iii) projected failure to meet reserve requirements; (iv) one (1) hour intervals or dispatch interval for which low or inadequate capacity margins are projected to apply; (v) projected congestion on market network lines; and (vi) non-zero constraint violation variables and their associated constraint violation coefficients.					
	Dispatch Protocol Issue 21.0, Section 4.4.2	The activities that shall be performed for the DAP, within the time specified, using inputs for the covered study period of that specific DAP run, are provided in Table 2. The		✓	✓	Before [STPH1 + 25 minutes] ²	MPI / per participant

² STPH1 refers to the Start Time of the first Projected Hour (1) covered by the DAP run. For example, the Projected Hour of 0900H has a start time of 08:00 AM and an end time of 09:00 AM.

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		covered periods for all DAP runs within a day are provided in Table 3. (See Table 2. DAP Timeline) Publish DAP Results in the MPI Transmit DAP Results to System Operator					
	MO Information Disclosure and Confidentiality Manual Issue 7.0 – Market Information Catalogue	Category: Energy and Reserve Prices	DAP prices	✓	✓	Within the next trading day	Market Information Website / Public
	MO Information Disclosure and Confidentiality Manual Issue 7.0 – Market Information	Catalogue, Category: Energy and Reserve Schedules	DAP	✓	✓	Updated Daily (after expiration of confidentiality)	Market Information Website / Public
7	WESM Rules Clause 3.7.3.1, 3.7.4.7, 3.7.5.1 & 3.11.1.1	3.7.3.1 Hour-ahead projections (HAP) shall be prepared using the market dispatch optimization model by the	HAP results	✓	✓	Before [STDI1 – 2 minutes] ³	MPI / per participant

³ STDI1 refers to the Start Time of the first dispatch interval (1) covered by the HAP run. For example, the 0815H dispatch interval has a start time of 08:10 AM and an end time of 08:15 AM. And if this is the first dispatch interval of the HAP run, then it will cover the period until 09:10 AM.

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		Market Operator and published at every dispatch interval, in accordance with the timetable to assist <i>Trading Participants</i> to anticipate and respond to <i>spot market</i> conditions which might reasonably be expected to occur over the next hour.					
	MO Information Disclosure and Confidentiality Manual Issue 7.0 – Market Information Catalogue	3.7.4.7 The Market Operator shall publish additional updated versions of a market projection in the event of changes which, in the opinion of the Market Operator, are material and which should be communicated to Trading Participants.					
	MO Information Disclosure and Confidentiality Manual Issue 7.0 – Market Information Catalogue	Category: Energy and Reserve Prices	HAP prices	✓	✓	Within the next trading day	Market Information Website / Public
	MO Information Disclosure and Confidentiality Manual Issue 7.0 – Market Information Catalogue	Category: Energy and Reserve Schedules	HAP schedules	✓	✓	Updated Daily (after expiration of confidentiality)	Market Information Website / Public

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8	WESM Rules Clauses 3.10.1, 3.11.1.1, 3.11.1.3, and 3.10.4	3.10.1 Calculation of Prices For each dispatch interval, the Market Operator shall calculate, and publish in accordance with the timetable: (a) Ex-ante nodal energy dispatch prices in accordance with clause 3.10.2; (b) Ex-ante nodal energy dispatch prices in accordance with clause 3.10.3; (c) When applicable, reserve prices in accordance with Clause 3.10.6. 3.11.1.1 The Market Operator shall publish the: a. Nodal energy dispatch prices for all dispatch intervals and for each market trading node c. Zonal energy prices for all dispatch intervals and for each Customer pricing zone 3.11.1.3 Each trading day, in accordance with the timetable, the Market Operator shall publish:	RTD results and Market Prices	✓	✓		MPI / per participant

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		(a) The dispatch schedule for each scheduled generating unit, battery energy storage system, pumped-storage unit, must dispatch generating unit, priority dispatch generating unit, non-scheduled generating unit and scheduled load in each dispatch interval in the settlement intervals for the previous trading day; and (b) A summary of the information provided to it with respect to each dispatch interval by the System Operator in accordance with clause 3.8.2.2. 3.10.4 Publishing Ex-Ante Prices According to Timetable The Market Operator shall publish the ex-ante nodal energy dispatch prices and the ex-ante zonal energy prices, prior to the commencement of the dispatch interval to which they apply in accordance with the timetable					

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	Dispatch Protocol Issue 21.0, Section 4.6.2	The following activities shall be performed for the RTD, within the time specified, using inputs for the covered study period of that specific RTD run: (See Table 5. RTD Timeline) Publish RTD Results in the MPI Transmittal of Energy and Reserve Schedules, and WESM Merit Order Table to the System Operator		✓	✓	Before [STD] – 2 minutes] ⁴	MPI
8	Dispatch Protocol Issue 21.0, Section 9.7.3	Other system data that will be published and be made available to all Trading Participants through the market information website shall include the following: • Total energy dispatched • Total dispatchable load • Total system losses • Locational marginal prices		✓	✓	Within the next trading day	Market information Website / Public
	MO Information Disclosure and	Category: Energy and Reserve Schedules	RTD schedules	✓	✓	Daily, after expiration of	Market Information

⁴ STD] refers to the Start Time of the relevant *dispatch interval*.

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	Confidentiality Manual Issue 7.0 – Market Information Catalogue					confidentiality; confidentiality expires after each trading day	Website / Public
	MO Information Disclosure and Confidentiality Manual Issue 7.0 – Market Information Catalogue	Category: Energy and Reserve Prices	RTD prices	✓	✓	Within the next trading day	Market Information Website / Public
9	MO Information Disclosure and Confidentiality Manual Issue 7.0 – Market Information Catalogue	Category: Generation Offers and Demand Bids Energy and reserve offer and demand bids including all information contained in the submitted offers	Generation Offers and Demand Bids	✓	✓	Daily, after expiration of confidentiality	Market Information Website / Public
10	WESM Rules Clause 3.11.1.1 g	The Market Operator shall publish the following: (g) Violated network and other constraints and the corresponding non-zero constraint violation variable values	All non-zero constraint violation variables	✓	✓		
	Manual – Constraint Violation Coefficients (CVC) Issue 8.0, Sections 4.3.5	The <i>Market Operator</i> shall publish all non-zero constraint violation variables in the <i>Market Information Web Site</i> .		✓	✓		

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	MO Information Disclosure and Confidentiality Manual Issue 7.0 – Market Information Catalogue	Category: Automatic Pricing Re-runs	Constraints violated and the corresponding non- zero constraint violation variable values	✓	✓	Within the next trading day	Market information Website/ Public
11	WESM Rules Clause 3.5.13.1	3.5.13.1 xxx the System Operator shall advise the Market Operator of the actions it has taken in relation to the foregoing, including but not limited to information necessary for the proper settlement of affected generating units, and the Market Operator shall publish the said information no later than one (1) week from the relevant trading day. Trading Participants shall review the information and notify the Market Operator of any discrepancies no later than two (2) weeks from the date of publication, otherwise the information contained in the report shall be deemed final.	Overriding Constraints	✓	✓	no later than one (1) week from the relevant trading day	

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	Dispatch Protocol Issue 21.0, Section 11.8.6	11.8.6 The Market Operator, in coordination with the System Operator, shall prepare, disseminate and publish the reports referred to in the foregoing sections as well as other dispatch reports and information in accordance with requirements and procedures set out in this Section and other relevant Sections of this Dispatch Protocol and other relevant Market Manuals	Post Dispatch Reports	✓	✓	Daily, after each trading day	Market Information Website / Public
	MO Information Disclosure and Confidentiality Manual Issue 7.0 – Market Information Catalogue	Category: Transmission System Information	Dispatch Instruction Report by the SO	✓	✓	Weekly to be submitted within the following week (confidentiality expires after 7 days)	Market Information Website / Public
12	Dispatch Protocol Issue 21.0, Section 10.7.2	The WESM Merit Order Table (WMOT) shall be published in the market information website after the expiration of confidentiality of generator offer information in accordance with the Market Operator Information Disclosure and Confidentiality Manual.	WMOT	✓	✓	Updated Daily (after expiration of generator offer confidentiality)	Market Information Website / Public

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13	Metering Standards and Procedures Issue 16, Section 4.5 and 10.5	4.5 Procedural Steps for Registration of Metering Installations – xxx M1.07 MO updates the metering registration master file and publishes the same in the market information website 10.5 Workflow for De- registration of Metering Installation DMI.07 MO to upload the updated Metering Masterfile to the WESM website	New Metering Installation of the MSP / Metering Masterfile	✓	✓	All new and de- energized metering points should be published every 12th of the month.	Market Information Website / Public
14	Manual – Constraint Violation Coefficients (CVC) Issue 8.0, Section 6.2.2	6.2.2 Within two (2) working days after the trading day when the pricing error occurred, the Market Operator shall publish in the market information website a summary of the pricing error notices issued for that trading day pursuant to this Market Manual.	Summary of the <i>pricing error notices</i> issued for that trading day	✓	✓	Within two (2) working days after the trading day when the pricing error occurred	Market Information Website / Public
15	WESM Rules Clause 3.11.1.1	The Market Operator shall publish the following: xxx		✓	✓		

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		b. Final nodal energy dispatch prices used for settlements xxx eFinal reserve prices used for settlements xxx					
	Manual – Constraint Violation Coefficients (CVC) Issue 8.0, Sections 6.4.1	6.4.1. After each billing period and upon completion of all manual pricing re-runs, the following information shall be published by the Market Operator in the Market Information Web Site and disseminated to all Trading Participants: a. Complete list of the pricing errors that occurred during the billing period, indicating clearly the affected dispatch intervals, including those instances where no pricing error was issued within the timetable; and b. Results of the manual pricing re-run, including the resulting market prices.	Complete list of the pricing errors that occurred during the <i>billing period</i> and results of the <i>manual pricing re-run</i> , including the resulting market prices.	✓	✓	After each <i>billing period</i> and upon completion of all manual pricing re-runs	Market Information Website / Public
	MO Information Disclosure and	Category: Price Errors	Pricing error notice	✓	✓	Within two (2) working days	Market Information

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	Confidentiality Manual Issue 7.0 – Market Information Catalogue					after the trading day	Website / Public
16	WESM Rules Clause 3.12.2	3.12.2 Publication of Rental Information The Market Operator shall regularly publish in summary form the rentals associated with each market network line as calculated under clause 3.13.12.	Rental Information	✓			Market Information Website/ Public
17	Dispatch Protocol Issue 21.0, Section 7.11	7.11 Publication of System Operator Data Consistent with the <i>Market Operator Information Disclosure and Confidentiality Manual</i> , the <i>Market Operator</i> shall publish in the <i>market information website</i> , for the <i>information of Trading Participants</i> , the following data as used in the <i>market runs</i> : a. <i>Outage</i> schedules submitted by the <i>System Operator</i> in accordance with this Dispatch Protocol; and	Contingency Limits and outage schedules	✓	✓	Daily	Market Information Website / WESM Trading Participants and exceptions under WESM Rules Clause 5.3.2

NO.	MARKET RULES OR MANUAL CLAUSE / REGULATORY DIRECTIVE	PROVISION / TASK	DELIVERABLES	TO BE MONITORED FOR AVAILABILITY ?	TO BE MONITORED FOR TIMELINESS ?	TIMETABLE	LOCATION / AUDIENCE
		b. <i>Over-riding constraints</i> submitted by the <i>System Operator</i> in accordance with this Dispatch Protocol.					
18	MO Information Disclosure and Confidentiality Manual Issue 7.0 – Market Information Catalogue	Category: Transmission System Information provided by the System Operator to the Market Operator	Over-riding Constraints, Contingency Limits and outage schedules as submitted by System Operator through the MMS	✓	✓	After the trading day	Market Information Website / WESM Trading Participants and exceptions under WESM Rules Clause 5.3.2
	MO Information Disclosure and Confidentiality Manual Issue 7.0 – Market Information Catalogue	Category: Transmission System Information	Real-Time System Condition or System Operator Advisory on Transmission System conditions, including but not limited to, adverse system condition, outages, load shedding,	✓	✓	Published near real-time or as provided by the System Operator (During trading day)	MMS Advisories, MMS MPI, E-mail Market Information Website / Public

NO.	MARKET RULES OR MANUAL CLAUSE / REGULATORY DIRECTIVE	PROVISION / TASK	DELIVERABLES	TO BE MONITORED FOR AVAILABILITY ?	TO BE MONITORED FOR TIMELINESS ?	TIMETABLE	LOCATION / AUDIENCE
			congestions, and actual system demand based on system snapshot data, etc as provided by the System Operator			Updated Daily or upon availability of verified/ complete information (after trading day)	
19	MO Information Disclosure and Confidentiality Manual Issue 7.0 – Market Information Catalogue	Category: Energy and Reserve Prices	Administered prices	✓	✓	Within the next trading day	Market Information Website / Public
	MO Information Disclosure and Confidentiality Manual Issue 7.0 – Market Information Catalogue, Category:	Category: Energy and Reserve Prices	Load Weighted Average Price (LWAP) and Generator Weighted Average Price (GWAP)	✓	✓	Within the next hour after the relevant dispatch interval	Market Information Website/ Public
	MO Information Disclosure and Confidentiality Manual Issue 7.0 – Market Information Catalogue	Category: Energy and Reserve Prices	Marginal Plants and Market Clearing Prices	✓	✓	Updated Daily	Market Information Website / Public
	MO Information Disclosure and Confidentiality Manual	Category: Energy and Reserve Prices	Final Nodal Energy Dispatch Prices	✓	✓	Prior the issuance of the final settlement statement	Market information website/ Public

NO.	MARKET RULES OR MANUAL CLAUSE / REGULATORY DIRECTIVE	PROVISION / TASK	DELIVERABLES	TO BE MONITORED FOR AVAILABILITY ?	TO BE MONITORED FOR TIMELINESS ?	TIMETABLE	LOCATION / AUDIENCE
	Issue 7.0 – Market Information Catalogue						
20	WESM Rules Clause 3.11.1.1 (i)	The Market Operator shall publish the following: xxx (i) Settlement information to enable a WESM Participant to recreate or independently verify its settlements.	Settlement information to enable a WESM Participant to recreate or independently verify its settlements.	✓			Central Registration and Settlement System
21	MO Information Disclosure and Confidentiality Manual Issue 7.0 – Market Information Catalogue	Category: Settlements	Unpaid settlement amounts as of month- end, specific WESM member that failed to pay settlement amounts as of month- end	✓	✓	Within the month following the end of the billing period	Market information website/ Public
22	WESM Rules Clause 1.3.1.1 (f), 5.2.3 (a), (c) and (d), and 2.5.7	1.3.1.1 The Market Operator shall, generally and non- restrictively, have the following functions and responsibilities: xxx (f) Maintain and publish a register of all WESM Participants and update and publish the register whenever a person or entity becomes or	Register of all WESM Participants with a List of former WESM Members and the time that each ceased to be WESM Members	✓	✓	Whenever a person or entity becomes or ceases to be a WESM Participant Publication should be not later than one (1) business day from issuance of	Market Information Website / Public

NO.	MARKET RULES OR MANUAL CLAUSE / REGULATORY DIRECTIVE	PROVISION / TASK	DELIVERABLE/S	TO BE MONITORED FOR AVAILABILITY ?	TO BE MONITORED FOR TIMELINESS ?	TIMETABLE	LOCATION / AUDIENCE
		ceases to be a WESM Participant. 5.2.3 The Market Operator shall maintain, periodically update as it considers reasonably necessary from time to time and publish: (a) A list of all WESM members identifying those of them that are trading Participants; xxx (c) A list of all former WESM members and the time that each ceased to be WESM members; and (d) A list of all suspended Trading Participants and the time at which each was suspended. 2.5.7 The Market Operator to maintain a list The Market Operator shall publish and keep current a list				notice (ref: MO IBP)	

NO.	MARKET RULES OR MANUAL CLAUSE / REGULATORY DIRECTIVE	PROVISION / TASK	DELIVERABLES	TO BE MONITORED FOR AVAILABILITY ?	TO BE MONITORED FOR TIMELINESS ?	TIMETABLE	LOCATION / AUDIENCE
		of registered WESM members, the categories in which they are registered and the details of the current status of applications to become a WESM Member in accordance with Clause 5.2.3.					
	MO Information Disclosure and Confidentiality Manual Issue 7.0 – Market Information Catalogue	Category: Registration and Market Participant Data	Registration Lists (e.g. list of participants/members, applicants and former members) and new metering installation	✓	✓		
	Manual - Registration, Suspension and De-registration Criteria and Procedures Issue 18.0, Sections 2.11.1.1, 2.11.1.4, 5.2.3.2, 5.7.3.4	The Market Operator shall publish in the market information website and keep current the following information – 2.11.1.1. List of registered WESM members and the categories in which they are registered 2.11.1.4. List of de-registered WESM members		✓	✓		

NO.	MARKET RULES OR MANUAL CLAUSE / REGULATORY DIRECTIVE	PROVISION / TASK	DELIVERABLE/S	TO BE MONITORED FOR AVAILABILITY ?	TO BE MONITORED FOR TIMELINESS ?	TIMETABLE	LOCATION / AUDIENCE
		5.2.3.2 The Market Operator shall update the membership list published in the market information website and shall furnish copies of the updated list to the ERC, DOE and the PEM Board. 5.7.3.4 Copies of the confirmation of re-registration or notices of approval of registration and reconnection notice and request shall be furnished to the ERC, DOE, and the PEM Board, and shall be published in the Market Information Website.					
	Disclosure and Confidentiality of Retail Customer Information Issue 3.0, Section 6.1	6.1 The Central Registration Body shall regularly update its Registry List of Retail Customers together with information that are considered public or non-confidential as set forth in this Manual and publish the same in the market information website.	Registry List of Retail Customers	✓			Market information Website / Public

NO.	MARKET RULES OR MANUAL CLAUSE / REGULATORY DIRECTIVE	PROVISION / TASK	DELIVERABLES	TO BE MONITORED FOR AVAILABILITY ?	TO BE MONITORED FOR TIMELINESS ?	TIMETABLE	LOCATION / AUDIENCE
23	WESM Rules Clauses 2.5.7 and 5.2.3 (a) and (b)	2.5.7 The Market Operator to maintain a list The Market Operator shall publish and keep current a list of registered WESM members, the categories in which they are registered and details of the current status of applications to become a WESM Member in accordance with Clause 5.2.3 5.2.3 The Market Operator shall maintain, periodically update as it considers reasonably necessary from time to time and publish: (a) A list of all WESM Members identifying those of them that are Trading Participants; (b) A list of all membership applicants to the WESM and identifying those applying to become a Trading Participant	Register of WESM Applicants	✓			Market Information Website / Public

NO.	MARKET RULES OR MANUAL CLAUSE / REGULATORY DIRECTIVE	PROVISION / TASK	DELIVERABLES	TO BE MONITORED FOR AVAILABILITY ?	TO BE MONITORED FOR TIMELINESS ?	TIMETABLE	LOCATION / AUDIENCE
	Manual - Registration Suspension and De- registration Criteria and Procedures Issue 18.0, Sections 2.11.1.1, 2.11.1.2 and 2.11.1.3	2.11.1 The Market Operator shall publish in the market information website and keep current the following information – 2.11.1.1. List of registered WESM members and the categories in which they are registered 2.11.1.2. List of applicants and the details of the current applications to become WESM members 2.11.1.3. List of Intending WESM members		✓			
24	WESM Rules Clauses 3.15.8.1 and 3.15.8.6	3.15.8.1 As soon as practicable after a suspension notice is issued by the Market Operator shall: <i>(a) Publish the suspension notice; and</i> <i>(b) Place a notice in a newspaper of general circulation that the WESM</i>	Suspension Notice	✓			Market Information Website and Newspaper / Public

NO.	MARKET RULES OR MANUAL CLAUSE / REGULATORY DIRECTIVE	PROVISION / TASK	DELIVERABLE/S	TO BE MONITORED FOR AVAILABILITY ?	TO BE MONITORED FOR TIMELINESS ?	TIMETABLE	LOCATION / AUDIENCE
		<i>Member has been suspended; xxx</i> 3.15.8.6 If: (a) The Market Operator has issued a Suspension Notice to a WESM Member due to a default event and in the Market Operator's reasonable determination, the WESM Member is incapable of rectifying the default event for any reason; or, (b) The Market Operator has issued a suspension notice to a WESM Member due to a failure by the WESM Member to continue to satisfy the Prudential Requirements and in the Market Operator's reasonable determination, the WESM Member is incapable of rectifying that failure for any reason. The Market Operator, in either case, shall deregister that WESM Member as soon as					

NO.	MARKET RULES OR MANUAL CLAUSE / REGULATORY DIRECTIVE	PROVISION / TASK	DELIVERABLES	TO BE MONITORED FOR AVAILABILITY ?	TO BE MONITORED FOR TIMELINESS ?	TIMETABLE	LOCATION / AUDIENCE
		practicable and promptly publish a notice of that fact.					
	Manual – Billing and Settlement Issue 15.0, Sections, 8.1.1 (b) and (e), 8.1.2 (b) and Appendix I	8.1.1 Suspension (b) As soon as practicable after a Suspension Notice is issued by the Market Operator, the Market Operator shall publish the suspension notice in the WESM website and in a newspaper of general circulation and shall notify in writing the ERC, the DOE and National Electrification Administration of such suspension. (e) The Market Operator, in either case, shall deregister that WESM member as soon as practicable and promptly publish a notice of that fact in accordance with Registration, Suspension and De-registration Criteria and Procedures.		✓			

NO.	MARKET RULES OR MANUAL CLAUSE / REGULATORY DIRECTIVE	PROVISION / TASK	DELIVERABLES	TO BE MONITORED FOR AVAILABILITY ?	TO BE MONITORED FOR TIMELINESS ?	TIMETABLE	LOCATION / AUDIENCE
		8.1.2 Revocation of Suspension (b) If a suspension notice is revoked, the Market Operator shall publicize that fact in the same manner in which the suspension notice was publicized in accordance with Section 8.1.1b) of this (Billing and Settlement) Manual.					
	Manual - Registration, Suspension and De- registration Criteria and Procedures Issue 18.0, Sections 2.11.1.5, 4.3.1.1, and 4.5.2	2.11.1 The Market Operator shall publish in the market information website and keep current the following information - 2.11.1.5. List of suspended WESM members 4.3.1. Where the suspension is at the instance of the Market Operator due to declaration of default, failure to satisfy a margin call or non-compliance with the membership criteria or other membership requirement, the Notice of		✓			

NO.	MARKET RULES OR MANUAL CLAUSE / REGULATORY DIRECTIVE	PROVISION / TASK	DELIVERABLE/S	TO BE MONITORED FOR AVAILABILITY ?	TO BE MONITORED FOR TIMELINESS ?	TIMETABLE	LOCATION / AUDIENCE
		Suspension shall be issued in the following manner – 4.3.1.1. Within a reasonable period after occurrence of any of the foregoing grounds, the Market Operator shall issue a written Notice of Suspension to the WESM member. The suspension notice shall be published in the Market Information Website and in a newspaper of general circulation. 4.5 Revocation of Suspension 4.5.2. The Market Operator shall issue to the WESM Member the Notice of Revocation of Suspension stating the reason for revocation. The notices shall be published in the Market Information Website and in a newspaper of general circulation.					
25	WESM Rules Clauses 4.7.5 and 3.15.8.6 (b)	4.7.5 Effect of Deregistration for unethical act	Notice of De-registration/De-registration Notice	✓	✓	Publication should be not later than one	Market Information

NO.	MARKET RULES OR MANUAL CLAUSE / REGULATORY DIRECTIVE	PROVISION / TASK	DELIVERABLES	TO BE MONITORED FOR AVAILABILITY ?	TO BE MONITORED FOR TIMELINESS ?	TIMETABLE	LOCATION / AUDIENCE
		If the Market Operator deregisters a Metering Services Provider in accordance with clause 2.6.2 and subject to clause 2.7, the Market Operator shall: (a) Notify the ERC and the WESM Participants of this action and basis for decision; and (b) Publish details of the deregistration. 3.15.8.6 If: (b) The Market Operator has issued a suspension notice to a WESM Member due to a failure by the WESM Member to continue to satisfy the Prudential Requirements and in the Market Operator's reasonable determination, the WESM Member is incapable of rectifying that failure for any reason. The <i>Market Operator</i>, in either case, shall deregister that <i>WESM member</i> as soon as				(1) business day from issuance of notice (ref: MO IBP)	Website / Public

NO.	MARKET RULES OR MANUAL CLAUSE / REGULATORY DIRECTIVE	PROVISION / TASK	DELIVERABLES	TO BE MONITORED FOR AVAILABILITY ?	TO BE MONITORED FOR TIMELINESS ?	TIMETABLE	LOCATION / AUDIENCE
		practicable and promptly <i>publish</i> a notice of that fact.					
	Manual - Registration, Suspension and De- registration Criteria and Procedures Issue 18.0, Sections 2.11.1.4 and 5.4.2.4	2.11.1.4 List of de-registered WESM members 5.4.2.4 Immediately following the issuance of a Deregistration Notice, the <i>Market Operator</i> shall cause the publication in the Market Information Website and in a newspaper of general circulation of a notice to the effect that the rights of the WESM Member to participate in the WESM have been revoked and its effective date.		✓	✓		
	Manual - Billing and Settlement Issue 15.0, Section 8.1.1(e)	8.1.1 Suspension (e) The Market Operator, in either case, shall deregister that WESM member as soon as practicable and promptly publish a notice of that fact in accordance with Registration, Suspension and De-registration Criteria and Procedures.		✓	✓		

NO.	MARKET RULES OR MANUAL CLAUSE / REGULATORY DIRECTIVE	PROVISION / TASK	DELIVERABLES	TO BE MONITORED FOR AVAILABILITY ?	TO BE MONITORED FOR TIMELINESS ?	TIMETABLE	LOCATION / AUDIENCE
26	WESM Rules Clause 2.6.3	2.6.3 Notifying all WESM Members On receipt of a notice with proof of disconnection, as applicable, under Clause 2.6.1, the Market Operator shall confirm the cessation and notify the relevant WESM Member. After such notification, the Market Operator shall notify all WESM Members that the person or entity who gave the notice shall cease to be registered as a WESM Member in the relevant category and the date on which that will occur.	• Notice of Cessation • Confirmation of Re-registration • Notice of Approval of Registration • Notice of Approval of Reconnection	✓			Market Information Website / Public
	Manual - Registration, Suspension and De- registration Criteria and Procedures Issue 18.0, Sections 5.2.3.1, 5.7.3.4	5.2.3.1. Upon receipt of the notice with proof of disconnection, as applicable, from the WESM Member, the Market Operator shall confirm the cessation and notify the relevant WESM Member. After such notification, the Market Operator shall issue a Notice of Cessation to all WESM Members stating the cessation					

NO.	MARKET RULES OR MANUAL CLAUSE / REGULATORY DIRECTIVE	PROVISION / TASK	DELIVERABLES	TO BE MONITORED FOR AVAILABILITY ?	TO BE MONITORED FOR TIMELINESS ?	TIMETABLE	LOCATION / AUDIENCE
		of registration of WESM Member, the category in which it ceases its registration, and the effective date of cessation. 5.7.3.4 Copies of the confirmation of re-registration or notices of approval of registration and reconnection notice and request shall be furnished to the <i>ERC</i>, <i>DOE</i>, and the <i>PEM Board</i>, and shall be published in the <i>Market Information Website</i>.					
27	Retail Manual - Registration Criteria and Procedures Issue 4.0, Section 2.2.3	2.2.3 The <i>Suppliers</i> , <i>Local Suppliers</i> and <i>Suppliers of Last Resort</i> shall submit to the <i>Central Registration Body</i> for posting in the market website the contracting parameters including the general offer, terms and conditions such as indicative average contract price, offers and scope of services being offered by them.	Contracting Parameters from Suppliers, Local Suppliers and Suppliers of Last Resort	✓			Market Information Website / Public
28	Retail Rules Clause 2.3.1.2	2.3.1.2 The <i>Central Registration Body</i> shall publish the detailed list of information		✓			Market Information

NO.	MARKET RULES OR MANUAL CLAUSE / REGULATORY DIRECTIVE	PROVISION / TASK	DELIVERABLE/S	TO BE MONITORED FOR AVAILABILITY ?	TO BE MONITORED FOR TIMELINESS ?	TIMETABLE	LOCATION / AUDIENCE
		that it requires and the timetable and procedures for submission in the relevant <i>Market Manual</i> .					Website / Public
	Retail Manual - Registration Criteria and Procedures Issue 4.0, Sections 2.2.1, 3.2.1, 3.3.1, 3.3.2, 4.2.2 and 5.2	2.2.1 The <i>Supplier</i> shall submit to the <i>Market Operator</i> the specific documents and information required as posted in the market information website to prove its compliance with <i>WESM</i> membership criteria and qualifications. 3.2.1. Network Service Providers shall submit to the Central Registration Body the following customer information of newly qualified customers that have met the threshold of contestability every fifteenth (15 th) day of the month: a) Customer name; b) Billing and service addresses; c) Customer's account number; d) Customer contact information (telephone	- Form for Customer Information for Registration of Contestable Customers - Documents and Information for Registration of Contestable Customers - Documents and information for Registration of Contestable Customers as Direct WESM Member - Documents and Information for Registration of Metering Services Providers	✓			

NO.	MARKET RULES OR MANUAL CLAUSE / REGULATORY DIRECTIVE	PROVISION / TASK	DELIVERABLES	TO BE MONITORED FOR AVAILABILITY ?	TO BE MONITORED FOR TIMELINESS ?	TIMETABLE	LOCATION / AUDIENCE
		numbers and e-mail addresses); e) Meter number; f) Meter specifications (interval metering, channels); g) SEIN of the grid metering point of the Distribution Utility where the supply of the end user passes through; and h) Confirmation that the end-user has signified interest to participate under retail competition. 3.3.1. For voluntary <i>Direct WESM Membership of Contestable Customers</i>, the <i>Contestable Customer</i> (applying as a <i>Direct WESM member</i>) and <i>Supplier</i> shall submit to the <i>Market Operator</i> the specific information and documents as posted in the <i>market information website</i> in accordance with the <i>Retail Rules</i> and this <i>Market Manual</i>. 3.3.2. <i>Contestable Customer</i> not wishing to register as a <i>Direct WESM Member</i>, shall	Documents and information for Registration of Suppliers				

NO.	MARKET RULES OR MANUAL CLAUSE / REGULATORY DIRECTIVE	PROVISION / TASK	DELIVERABLES	TO BE MONITORED FOR AVAILABILITY ?	TO BE MONITORED FOR TIMELINESS ?	TIMETABLE	LOCATION / AUDIENCE
		be enrolled by its Supplies (applying on behalf of the Contestable Customer) with the Central Registration Body and shall submit specific information and documents as posted in the market information website in accordance with the Retail Rules and this Market Manual. 4.2.2 Upon declaration by the <i>Energy Regulatory Commission</i> that the provision of retail metering services is competitive and open, a qualified entity shall submit the specific information and documents as posted in the market information website. 5.2. The Central Registration Body shall, from time to time, publish the list of information that it requires and the timetable and procedures for submission.					

NO.	MARKET RULES OR MANUAL CLAUSE / REGULATORY DIRECTIVE	PROVISION / TASK	DELIVERABLES	TO BE MONITORED FOR AVAILABILITY ?	TO BE MONITORED FOR TIMELINESS ?	TIMETABLE	LOCATION / AUDIENCE
29	Retail Rules ⁵ Clause 2.3.2.1 and 2.3.2.3	2.3.2.1 Upon prior authorization, provided in written or electronic form, by a Retail Customer, the Central Registration Body shall provide the information so authorized to the Supplier or to such other person or entity authorized by the Retail Customer. 2.3.2.3 The Central Registration Body shall prepare and publish the procedures for request and release of customer information and the corresponding service fees.	Customer information and the corresponding service fees	✓			Market Information Website / Public
30	Manual – Billing and Settlement Issue 15.0, Section 10.4.8	10.4.8 The Market Operator shall publish the following data relating to issued additional compensation statements for the information of customers, subject to the provisions of the Market Operator Information Disclosure and Confidentiality Manual:	Additional Compensation Statements	✓	✓	No later than 30 business days after the issuance of settlement statements containing the additional compensation	Market Information Website

⁵ Retail Rules as of 26 February 2023.

NO.	MARKET RULES OR MANUAL CLAUSE / REGULATORY DIRECTIVE	PROVISION / TASK	DELIVERABLE/S	TO BE MONITORED FOR AVAILABILITY ?	TO BE MONITORED FOR TIMELINESS ?	TIMETABLE settlement amounts	LOCATION / AUDIENCE
		a. The aggregate approved and issued additional compensation claim amount, in Php, per region, including the total number of trading intervals; and b. The estimated rate impact to customers, in Php/MWh, is computed by dividing the aggregate approved additional compensation claim amount by the aggregate gross energy settlement quantity of customers per region. Said publication shall be done on the Market Information Website no later than 30 business days after the issuance of settlement statements containing the additional compensation settlement amounts. The Market Operator shall likewise submit the said date to the Energy Regulatory Commission.					

Attachment 2: SUMMARY OF CALCULATION FORMULA FOR THE MARKET OPERATOR PERFORMANCE MEASURES

Table 12

MARKET OPERATOR PERFORMANCE CATEGORY	MEASURE	FORMULA	LEGEND	REMARKS
5. Billings, Settlements and Accounts Management				
Preliminary and Final Settlement Calculations	Accuracy	% Settlement Accuracy = $100\% \times (\sum AV_j) / n$	AV_j = Accuracy Value per trading participant	Assessment shall exclude the following: • Claims for additional compensation for <i>Administered Prices</i> and <i>Must-Run Units</i> of relevant trading participants; • <i>Bilateral Contract Quantity (BCQ)</i> declaration adjustment due to CRSS unavailability; • <i>Metered Quantity (MQ)</i> adjustments attributable to <i>Metering Services Provider</i>; • <i>Metered Quantity adjustments attributable to data from Remote Terminal Unit (RTU)</i>; and • Regulatory and policy issuances.
		$AV = 1 - \frac{\text{abs}(\sum \text{difference in ETA} / \sum \text{original ETA})}{\text{Difference in ETA}}$	ETA = energy trading amount	
		Frequency = $\frac{\text{Frequency}}{\sum A}$	A = adjustment in final settlement calculations	