



Republic of the Philippines  
DEPARTMENT OF ENERGY

DEPARTMENT CIRCULAR NO. DC2018-04-0011 *A*

**ADOPTING FURTHER AMENDMENTS TO THE WHOLESALE ELECTRICITY  
SPOT MARKET (WESM) MARKET MANUAL ON MARKET OPERATOR  
INFORMATION DISCLOSURE AND CONFIDENTIALITY FOR THE  
IMPLEMENTATION OF ENHANCEMENTS TO WESM DESIGN AND  
OPERATIONS**

**WHEREAS**, Sections 30 and 37(f) of the Electric Power Industry Reform Act (EPIRA) provides that the DOE, jointly with the electric power industry participants, shall establish the Wholesale Electricity Spot Market (WESM) and formulate the detailed rules governing the operations thereof;

**WHEREAS**, on 28 June 2002, the DOE, with the endorsement of the electric power industry participants, promulgated the WESM Rules through Department Circular No. DC2002-06-003;

**WHEREAS**, any changes, amendments, and modifications to the WESM Rules including its Market Manuals shall be undertaken in accordance with the provisions of Chapter 8 thereof;

**WHEREAS**, on 11 April 2017, the Philippine Electricity Market Corporation (PEMC) submitted and presented to the Rules Change Committee (RCC) the Proposed Amendments to the Market Operator Information Disclosure and Confidentiality Manual for the Implementation of WESM Design Enhancements;

**WHEREAS**, the PEMC's proposal to amend the said Market Manual aims to provide changes in the publication of market information classification, categories and requirements for the implementation of the new market features as provided under the DOE policies on enhancements to market design and operations and the amended WESM Rules for the New Market Management System (NMMS) through Department Circulars No. DC2015-10-0015 and No. DC2016-10-0014, respectively;

**WHEREAS**, the RCC, during its 128<sup>th</sup> RCC Meeting on 11 April 2017, approved the publication of the said PEMC's proposal in the WESM website to solicit comments from market participants and other interested parties;

**WHEREAS**, on 09 June 2017, the RCC during its 130<sup>th</sup> RCC Meeting deliberated on the said proposal giving due course to the comments and recommendations received from market participants, Market Surveillance Committee, Technical Committee, and the DOE;

**WHEREAS**, on 07 July 2017, the RCC during its 131<sup>st</sup> RCC Meeting further deliberated on the comments received, and it finalized and approved the said proposal for endorsement to the PEM Board;

**WHEREAS**, on 26 October 2017, after due evaluation and deliberation, the PEM Board during its 128<sup>th</sup> PEM Board Meeting approved for endorsement to the DOE the above stated RCC proposal;

**WHEREAS**, on 08 November 2017, the PEM Board-approved amendments to the WESM Market Manual on Market Operator Information Disclosure and Confidentiality was submitted to the DOE for final approval, in compliance with Chapter 8 of the WESM Rules;

**WHEREAS**, the DOE reviewed the said PEM Board-approved proposal, and deemed it consistent with the objectives of the WESM and the DOE policies on the enhancements of WESM design and operations;

**NOW THEREFORE**, pursuant to its authority under the EPIRA and the WESM Rules, the DOE hereby adopts, issues, and promulgates the following amendments to the WESM Market Manual for the implementation of enhancements to WESM design and operations:

**Section 1. Amendments to the Market Operator Information Disclosure and Confidentiality Manual.** The following provisions in the Market Operator Information Disclosure and Confidentiality Manual are hereby amended:

(a) Section 3 entitled Definitions is amended to read as -

**\*SECTION 3 DEFINITIONS, REFERENCES, AND INTERPRETATION**

**3.1 Definitions**

3.1.1. Unless otherwise defined, the terms used in this Market Manual which are defined in the WESM Rules and *Market Manuals* shall bear the same meaning as defined in the WESM Rules and *Market Manuals*.

3.1.2. The following words and phrases as used in this Market Manual shall have the following meaning:

- a. *Disclose* means to directly or indirectly reveal, distribute report, publish or otherwise transfer information to any party other than to the party that originally provided the information.
- b. *Disclosing Party* is the party that owns, furnishes or provides confidential information.
- c. *Market information* means any information in written, oral, electronic or other form that is furnished to or received by or produced or provided by the Market Operator in the course of or arising from its operations of the WESM that is related to market transactions including but not limited to forecasting, projections, scheduling, pricing and dispatch of electricity, and to the metering and settlements of market transactions.

- d. *Market Transaction* means the sale or purchase of electricity or other services made through the spot market.
- e. *Recipient* is the party that receives confidential information."

### 3.2. References

This Market Manual shall be read in association with the *WESM Rules* and other relevant *Market Manuals*.

### 3.3. Interpretation

3.3.1 Any reference to a clause in any section of this *Market Manual* shall refer to the particular clause of the same section in which the reference is made, unless otherwise specified or the context provides otherwise.

3.3.2 Where there is a discrepancy or conflict between this *Market Manual* and the *WESM Rules*, the *WESM Rules* shall prevail.

3.3.3 Standards and policies appended to, or referenced in, this *Market Manual* shall provide a supporting framework."

(b) Original Section 4.1 (Definition) under Confidential or Protected Information is hereby deleted.

(c) Original Section 4.2 under Confidential or Protected Information is renumbered to read as –

#### "4.1 Criteria for confidentiality

Xxx xxx xxx"

(d) Original Section 4.3 under Confidential or Protected Information is renumbered and amended accordingly to read as –

#### "4.2 Information considered as confidential

Without limiting the generality of the foregoing definition and criteria and subject to permitted disclosures set forth in the *WESM Rules* and in this *Manual*, the following market information shall be considered confidential:

- a. bids and offers information identifiable to a specific *Trading Participant* or *WESM member*;
- b. energy and reserve dispatch projections and schedules identifiable to a specific *Trading Participant* or *WESM member*;
- c. dispatch instruction identifiable to a specific *Trading Participant* or *WESM member*;
- d. transmission network data or information provided and classified by the *System Operator* as confidential information;
- e. metering installation information identifiable to a specific *Trading Participant*;

- f. raw, adjusted and edited metered data identifiable to a specific Trading Participant or WESM member;
- g. settlement amounts, settlement statements and any other information contained in such statements and other settlement information identifiable to a specific *Trading Participant* or *WESM member*;
- h. bilateral contract data declared by or identifiable to a specific *Trading Participant* or *WESM member*;
- i. line rental information identifiable to a specific *Trading Participant* or *WESM member*;
- j. prudential security information identifiable to a specific *Trading Participant*;
- k. projected output provided by *Trading Participants* in respect of their must dispatch generating units or priority dispatch generating units that are identifiable to that *Trading Participant*; and
- l. nomination of loading levels for non-scheduled generating units.

This list is a non-exhaustive list.”

- (e) Original Section 4.4 under Confidential or Protected Information is renumbered accordingly to read as –

“4.3 Information not considered as confidential”

- (f) Original Section 4.4.1 under Information not considered as confidential is renumbered and amended accordingly to read as –

“4.3.1 The following information shall not be considered confidential:

- a. for real-time dispatch and market projections:
  - i. nodal energy dispatch prices, zonal energy prices, and reserve prices for each reserve category in each region
  - ii. reserve requirements
  - iii. load forecasts
- b. actual system demand;
- c. final nodal energy dispatch prices and reserve dispatch prices used for settlements;
- d. *net settlement surplus* or deficit allocation;
- e. participant registration data and changes thereto, specifically, the following:
  - i. maximum generation capacity (Pmax)
  - ii. minimum generation stable loading (Pmin)
  - iii. generator ramp up and ramp down rates
  - iv. customer peak and off-peak loads;
- f. Information on (i) settlement amounts unpaid by the end of each month, and (ii) the specific *WESM member* that failed to pay the settlement amounts shall be disclosed by the *Market Operator*;
- g. Information on real-time system condition contained in advisories and notices received by the *Market Operator* from the *System Operator*;
- h. *market network model* technical data and parameters;
- i. *over-riding constraints*, contingency limits and outage schedules; and

- j. other information that are generally and publicly available from any other source

This list is a non-exhaustive list."

- (g) Original Section 4.4.2 under Information not considered as confidential is renumbered accordingly to read as –

"4.3.2 Information otherwise classified as confidential will lose its confidentiality status under the following circumstances:

Xxx xxx xxx"

- (h) Original Section 4.5 under Confidential or Protected Information is renumbered and amended accordingly to read as –

"4.4 Expiration of confidentiality

The following information shall lose their confidentiality classification after the expiration of the following periods:

Information	Expiry Period
Bids and offers identifiable to <i>Trading Participants</i> , including any and all information contained in the bids and offers submissions of the relevant <i>Market Participant</i>	seven (7) days after the relevant trading day
Energy and reserve dispatch projections and schedules and dispatch instructions identifiable to a <i>Trading Participant</i>	One (1) day after the relevant trading day
<i>Projected output for must dispatch generating units or priority dispatch generating units</i> that are identifiable to <i>Trading Participants</i> including any and all information contained in <i>projected output</i> submissions of the relevant <i>Trading Participant</i>	One (1) day after the relevant trading day
The nomination of <i>loading levels</i> for <i>non-scheduled generating units</i> identifiable to a <i>Trading Participant</i> .	One (1) day after the relevant trading day

- (i) Original Section 5.3.3 under Permitted disclosures/exceptions confidentiality is hereby deleted.
- (j) Original Section 5.3.4 under Permitted disclosures/exceptions confidentiality is renumbered accordingly to read as –

"5.3.3 The *confidential information* disclosed pursuant to the foregoing Sections shall, however, retain its confidentiality status and the recipient is obliged to maintain confidentiality as provided for in this *Market Manual*."

- (k) Section 5.5 under Confidentiality and Disclosure Policy is amended to read as –

"5.5 Limitations on access to confidential information

The members of the PEM Board, its officers and Committees, who are officers, directors or employees of any *WESM member* shall have no access to confidential information that are classified as commercially sensitive information. The determination as to whether any specific information is commercially sensitive will be made by the *Market Operator* in accordance with Section 4.2 of this Manual."

- (l) Section 6.1 under Market Information Catalogue is amended to read as –

"6.1 Background

The Market Information Catalogue lists the market information in the possession of the *Market Operator* and indicates for each type of information the means of disclosure and the permitted recipient."

- (m) Original Section 6.1 under Market Information Catalogue is renumbered and amended accordingly to read as –

"6.2 Categories of market information

Market information in the possession of the Market Operator are classified as:

- a. market information input data are information furnished to or received by the *Market Operator* from *WESM members*, service providers and other parties and entities which are used in the performance of various market processes including but not limited to market projections, pricing, scheduling and settlements.
- b. market information output data are information produced by or provided by the *Market Operator* resulting from the operations of the various market processes.
- c. Other market data are information received and published by the *Market Operator* from service providers and other parties."

- (n) Original Section 6.2 and its subsections, under Market Information Catalogue is renumbered accordingly to read as –

"6.3 Means of disclosure

6.3.1 Market information shall be made available by the *Market Operator* through any of the following means:

Xxx    xxx            xxx"

- (o) Original Section 6.3 and its subsection, under Market Information Catalogue is renumbered and amended accordingly to read as –

“6.4 Classification of Disclosure of Market Information

Classification or levels of disclosure of market information are classified as follows:

- a. Strictly confidential information is confidential information which is not covered by the succeeding paragraphs or have not lost its confidentiality status pursuant to Section 4.4.2 of this *Market Manual*, relevant provisions of the WESM Rules and other relevant issuances. This information shall only be disclosed by the Market Operator to the data owner or under the exceptions provided for in *WESM Rules* Clause 5.3.2 and this *Market Manual*.
- b. Confidential information with expiration of confidential status is information that loses its confidentiality status after a specified period as provided for in the WESM Rules, this Manual and other relevant issuances. While retaining its confidentiality status, this information may only be disclosed to the data owner or under the exceptions provided for in WESM Rules Clause 5.3.2 and in this Manual. This information becomes public information upon expiration of the specified period.
- c. Confidential information with permitted disclosure is confidential information but is permitted to be disclosed to qualified recipients. This information may only be disclosed to the data owner or qualified recipients pursuant to and under the conditions provided for in *WESM Rules* Clause 5.3.2, Section 5 of this *Market Manual* and other relevant issuances that permits its disclosure. This information retains its confidentiality notwithstanding its disclosure to qualified recipients and the recipients are obliged to maintain confidentiality pursuant to the conditions set forth in Section 5 of this *Market Manual*.
- d. Public information or non-confidential information is information which is not classified as confidential information and, as such, may be disclosed or provided to the general public.”

- (p) Original Section 6.4 and its subsections under Market Information Catalogue is renumbered and amended accordingly to read as –

“6.5 Updating of the market information catalogue

6.5.1 Updates by the Market Operator

The Market Operator shall review and update the market information catalogue annually or as may be necessary.

6.5.2 Requests for updates or revisions by the WESM members and other parties

A WESM member or any interested party may request that certain information be included in or excluded from the catalogue or that the level of

access to any information be reclassified. Requests shall be submitted to the Market Operator which shall review the proposal and include the same for review and approval either separately or as part of its regular updates of the catalogue."

(q) Section 7 entitled Amendments is amended to read as -

**"SECTION 7 AMENDMENTS**

Any amendments to this *Market Manual* shall be approved by the DOE, in accordance with Chapter 8 of the *WESM Rules* and corresponding *Market Manual* on rules change process."

(r) Original Section 9 entitled Appendices is amended accordingly to include the following appendices, presented as Annex A:

- i. Appendix A. Market Information Catalogue
- ii. Appendix B. Non-Exhaustive List of Information to be Published on the Market Network Model Technical Data and Parameters

**Section 2. Transitory Provisions.** The foregoing amendments to the **Market Operator Information Disclosure and Confidentiality Manual** shall be used for the development of the WESM's New Market Management System (NMMS) and the implementation of the enhancements to WESM design and operations.

**Section 3. Separability Clause.** If for any reason, any section or provision of this Circular is declared unconstitutional or invalid, such parts not affected shall remain valid and subsisting.

**Section 4. Effectivity.** This Circular shall take effect upon its publication in at least two (2) newspapers of general circulation and shall remain in effect until otherwise revoked.

Issued this \_\_\_\_ March 2018 at the DOE, Energy Center, Rizal Drive, Bonifacio Global City, Taguig City, Metro Manila.

  
**ALFONSO G. CUSI**  
Secretary



MAR 28 2018



Appendix A. Market Information Catalogue

Market Information			Information Access			
Category	Specific Information	Information/ Data Source	Classification	Recipient	Means of Provision	Publication Timeline
<b>INPUT DATA</b>						
Rules and regulatory information	Structure and Level of Market Fees	Market Operator	Public	Public	- market information website - Other means as required by the ERC	Upon approval by the ERC
	Price Determination Methodology and its revisions, including the formulation of <i>Market Dispatch Optimization Model</i>	Market Operator	Public	Public	- market information website	Upon approval by the ERC
Market Network Model (MNM) and related information	MNM Bus-Oriented Single Line Diagram	Market Operator	Public	Public	- market information website - (MNM Documentation)	Updated as necessary
	Registry of market trading nodes	Market Operator	Public	Public		
	List of customer pricing zones (CPZ)	Market Operator	Public	Public		
	Reserve cost recovery zones	Market Operator	Public	Public		
	MNM Technical Data and Parameters <sup>1</sup>	Market Operator	Public	Public	- market information website	
Registration and Market Participant Data	Registration Lists ( e.g. list of participants/ members, applicants and former members) and new metering installation	Market Operator	Public	Public	- market information website	Updated as necessary
	Generator P <sub>max</sub> , P <sub>min</sub> , Ramp Up and Ramp Down Rates	Trading Participant	Public	Public	- market information website	Updated as necessary

<sup>1</sup> Please see Appendix B for the non-exhaustive list of information to be published for the Market Network Model Technical Data and Parameters

"ANNEX A"

Market Information			Information Access			
Category	Specific Information	Information/ Data Source	Classification	Recipient	Means of Provision	Publication Timeline
	Customer Peak and Off-peak Demand	Trading Participant	Public	Public	- Electronic copies on request	Updated as necessary
	Prudential security information (i.e. trading limits, net exposure, prudential security deposit form and amount)	Trading Participant/ Market Operator	Confidential	Data owner and exceptions under WESM Rules 5.3.2.	- Electronic copies on request	N/A
Energy Forecast and Reserve Information	Real-time dispatch, Hour-Ahead, Day-Ahead and Week-Ahead Demand Forecast and Reserve requirement	Market Operator/ System Operator	Public	Trading Participants, DOE, ERC, PEMC	- Market Management System Market Participant Interface (MMS MPI)	Immediately after relevant market run
				Public	- market information website	Within the next trading day
	VRE Aggregated Generation Forecast	System Operator	Public	Public	- market information website	Within the next trading day
	Initial Loss Percentage	Market Operator	Public	Public	- market information website	Updated as necessary
Generation Offers and Demand Bids	Energy and reserve offers and demand bids including all information contained in the submitted offers	Trading Participants	Confidential with expiration (Confidentiality expires after seven days)	Prior to expiration of confidentiality: data owner and exceptions under WESM Rules 5.3.2.	- Electronic copies on request	N/A
				Public after expiration	- market information website	Updated Daily (after expiration of confidentiality)
	Projected output of must dispatch and priority dispatch generating units	Trading Participants	Confidential with expiration (Confidentiality expires after a day)	Prior to expiration of confidentiality: data owner and exceptions	Electronic copies on request	N/A

"ANNEX A"

Market Information			Information Access			
Category	Specific Information	Information/ Data Source	Classification	Recipient	Means of Provision	Publication Timeline
				under WESM Rules 5.3.2.		
				Public after expiration	- market information website	Updated Daily (after expiration of confidentiality)
	Nominated loading levels of non-scheduled generating units	Trading Participants	Confidential with expiration (Confidentiality expires after a day)	Prior to expiration of confidentiality; data owner and exceptions under WESM Rules 5.3.2.	- Electronic copies on request	N/A
				Public after expiration	- market information website	Updated Daily (after expiration of confidentiality)
Transmission System Information provided by the System Operator to the Market Operator	Over-riding Constraints, Contingency Limits and outage schedules as submitted by the System Operator through the MMS	System Operator	Public	Public	- market information website	After the trading day
	Status of generating units (refers to generator snapshot data)	System Operator	Public	Public	- market information website	After the trading day
Revenue Meter Data	Raw or adjusted meter data	Metering Services Provider	Confidential	Data owner, other permitted recipients (subject to Sec 4.3.2 of this manual) and exceptions under WESM Rules Clause 5.3.2.	- Electronic copies on request	N/A

"ANNEX A"

Market Information			Information Access			
Category	Specific Information	Information/ Data Source	Classification	Recipient	Means of Provision	Publication Timeline
<b>OUTPUT DATA</b>						
Energy and Reserve Schedules	Week-ahead (WAP), day-ahead (DAP) and hour-ahead projections (HAP), and real-time dispatch schedules	Market Operator	Confidential with expiration (Confidentiality expires after trading day)	Trading Participants; DOE, ERC, PEMC	- MMS MPI - (WAP,DAP, HAP and real-time dispatch)	In accordance with the WESM Timetable
				Public after expiration of confidentiality	- market information website (real-time dispatch schedules only) - Electronic copies on request	Updated Daily (after expiration of confidentiality)
Energy and Reserve Prices	WAP, DAP, HAP, and real-time dispatch prices	Market Operator	Public	Trading Participants; DOE, ERC, PEMC	MMS MPI (WAP,DAP,HAP and real-time dispatch)	In accordance with the WESM Timetable
				Public	- market information website - Electronic copies on request	Within the next trading day
	Load Weighted Average Price (LWAP) and Generator Weighted Average Price (GWAP)	Market Operator	Public	Public	- market information website - Electronic copies on request	Within the next hour after the relevant dispatch interval
	Administered prices	Market Operator	Public	Public	- market information website - Electronic copies on request	Within the next trading day
	Marginal plants and market clearing prices	Market Operator	Confidential with expiration (Confidentiality expires after trading day)	Public after expiration of confidentiality	- market information website - Electronic copies on request	Updated Daily (after expiration of confidentiality)

"ANNEX A"

Market Information			Information Access			
Category	Specific Information	Information/ Data Source	Classification	Recipient	Means of Provision	Publication Timeline
	Substitute prices for cases of nodal price separation due to congestion <sup>2</sup>	Market Operator	Public	Trading Participants, DOE, ERC, PEMC	- MMS MPI - Electronic copies on request	Within the next trading day
				Public	- market information website (Market Results Page) - Electronic copies on request	Within the next trading day
	Final Nodal Energy Dispatch Prices	Market Operator	Public	Public	- Market information website	Prior the issuance of the final settlement statement
Automatic Pricing Re-runs	Constraints violated and the corresponding non-zero constraint violation variable values	Market Operator	Public	Public	- Market information website (Market Results Page) - Electronic copies on request	Within the next trading day
Pricing Errors	Pricing error notice (PEN)	Market Operator	Public	Public	- market information website	Within two (2) working days after the trading day
	Market re-runs results (i.e. resulting market re-run prices)	Market Operator	Public	Public	- market information website	In accordance with the timetable under the WESM Manual on Constraint Violation Coefficient and Pricing Re-run
Settlements	Settlement amounts, including energy, reserve amounts identifiable to a specific <i>Trading Participant</i> or <i>WESM member</i>	Market Operator	Confidential	Data owner and exceptions under WESM Rules Clause 5.3.2.	- Electronic Copies	N/A
	Unpaid settlement amounts as of month-end, specific <i>WESM member</i> that failed to pay settlement amounts as of month-end	Market Operator	Public	Public	- market information website	Within the month following the end of the billing period

<sup>2</sup> Price Determination Methodology Manual Section 6

"ANNEX A"

Market Information			Information Access			
Category	Specific Information	Information/ Data Source	Classification	Recipient	Means of Provision	Publication Timeline
	Quantities used for settlement (i.e. settlement-ready meter data, spot and bilateral contract quantities declared to the Market Operator) identifiable to a specific <i>Trading Participant or WESM member</i>	Market Operator	Confidential	Data owner and exceptions under WESM Rules Clause 5.3.2.	- Electronic Copies	N/A
	Line rental trading amount and other line rental information identifiable to a specific <i>Trading Participant or WESM member</i>	Market Operator	Confidential	Data owner and exceptions under WESM Rules 5.3.2.	- Electronic Copies	N/A
	Net settlement surplus and deficit levels and allocations	Market Operator	Public	Public	- market information website	Monthly, after the issuance of final settlement
	Underlying factors affecting NSS	Market Operator	Public	Public	- market information website	Annual
Market Operator Performance	Market Operator Performance Indicators and Performance Report	Market Operator	Public	Public	- market information website	Annual
Metering Service Provider (MSP) Performance	Wholesale and Retail MSP Performance Reports	Market Operator	Public	Public	- market information website	In accordance with the timetable under the applicable Metering Manuals
<b>OTHERS</b>						
Transmission System Information	Real-time system conditions or System Operator advisories on Transmission System conditions, including but not limited to, adverse system condition, outages, load shedding, congestions, and actual system demand based on system snapshot data, etc as provided	System Operator	Public	WESM members	- MMS Advisories/MMS MPI - E-mail	Published near real-time or as provided by the System Operator

"ANNEX A"

Market Information			Information Access			
Category	Specific Information	Information/ Data Source	Classification	Recipient	Means of Provision	Publication Timeline
	Dispatch Deviation Report by the System Operator (in CSV) and Daily Operations Report	System Operator	Public	Public	- market information website	Within the next trading day

**Appendix B.** Non-Exhaustive List of Information to be Published on the Market Network Model Technical Data and Parameters

The following technical data and parameters shall be published in relation to the Market Network Model.

Equipment	Technical Data/Parameters Available
Transformer	Rating
Lines	Rating
Generators	Pmin/Pmax
Other Shunt and Series Devices (i.e. inductors, capacitors, and voltage regulators)	Rating

The above information shall be prepared in a PSS/E "raw" data file format, which includes how each equipment is connected among each other in the power system as represented in the Market Network Model.