

WESM-WM-CN - \_\_\_\_\_\_

**REQUEST FOR AMENDMENTS OR CHANGES TO THE WESM MANUALS**

This request for amendments to the WESM Rules is submitted to:

**Rules Change Committee**

Attention: **PEM Committee Secretariat**

Philippine Electricity Market Corporation

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1. **Proponent’s Information**

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1. **WESM Manual Amendments Information**

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| Title of WESM Manual being commented:WESM Manuals on:1. Dispatch Protocol;
2. Market Network Model Development and Maintenance – Criteria and Procedures; and
3. Registration, Suspension and De-registration Criteria and Procedures

Nature of Request (please indicate with **x**) [x]  Addition [x]  Alteration [x]  Deletion [x]  Clarification [x]  Clerical Correction |

1. **Proposed Amendment**

**WESM Manual on Dispatch Protocol Issue 13**

| **Title** | **Section** | **Provision** | **Proposed Amendment** | **Rationale** |
| --- | --- | --- | --- | --- |
| Format and Contents of Submissions | 6.9.3 | **NEW** | ***Trading Participants* shall provide the following information when submitting *non-generator offers:***1. **May include up to ten (10) *energy offer* blocks per (aggregate) unit. The maximum combined capacity of *generation* and *reserve offers* must not be less than the *maximum available capacity* of the *generator;***
2. **Shall be for a minimum block size of one (1) MW;**
3. **Shall have monotonically increasing prices and quantity*;***
4. **May start from a negative quantity to represent its projected maximum consumption**
5. **May include negative prices; and**
6. **Shall include up to three (3) segments of *ramp rate* profiles for different quantity break-points. The ramp up/down rates shall be within the minimum and maximum registered *ramp rates*.**
 | To provide requirements for Non-Generator Resources (NGR) offers |
| Preparation of WESM Merit Order Table - Background | 10.1.2 | The *WMOT* is generated by stacking in an unconstrained manner of scheduled and unscheduled capacities through the *market offers* submitted for the *real-time dispatch* runs. *Energy* *offer* blocks submitted by *generator* *Trading Participants* for a particular *dispatch interval* are arranged from lowest to the highest priced *offer* block, without considering any *constraints*. The *WMOT* stacks *energy* *offers* into two, namely, the *energy* *offers* that were scheduled (or “Offers Dispatched”) and *energy* *offers* that were not scheduled (or “Offers Not Dispatched”).  | The *WMOT* is generated by stacking in an unconstrained manner of scheduled and unscheduled capacities, **excluding negative quantities,** through the *market offers* submitted for the *real-time dispatch* runs. *Energy* *offer* blocks submitted by *generator* *Trading Participants* for a particular *dispatch interval* are arranged from lowest to the highest priced *offer* block, without considering any *constraints*. The *WMOT* stacks *energy* *offers* into two, namely, the *energy* *offers* that were scheduled (or “Offers Dispatched”) and *energy* *offers* that were not scheduled (or “Offers Not Dispatched”).  | For clarity |
| Preparation of WESM Merit Order Table – Preparation of WMOT | 10.4.1 | The *WMOT* shall be prepared using the *offers* and the *real-time dispatch schedule* of each *generating system* for which *offers* were submitted for the relevant *dispatch interval.* The specific information that will be used is as follows: | The *WMOT* shall be prepared using the *offers*, **excluding negative quantities,** and the *real-time dispatch schedule* of each *generating system* for which *offers* were submitted for the relevant *dispatch interval.* The specific information that will be used is as follows:xxx | For clarity |
| **Introduction** – Overview of WESM Operations, Scope**Definitions, References and Interpretation** - Definitions**Responsibilities** – Trading Participants and other WESM Members**WESM Table** – Day-Ahead Projection**Bids, Offers and Data Submissions and Processing** – Background, Categories of Self-scheduled Nominations, Bids, and Offers, Format and contents of submission, Revisions of Self-scheduled Nominations, Bids and Offers Based on Reasonable Estimates, Report of Material Adverse Change in State of Trading Participant Facilities**System Operator Input Data and Reports** – Responsibilities, Outage Schedules, Over-riding Constraints, Contingency List Requirements**Market Projections** – Publication and Dissemination of Market Projection Results**Real-time Dispatch Scheduling** – Background, Responsibilities, Dissemination and Public of Market Run Results**Preparation of the WESM Merit Order Table** – Background, Purpose and Scope, Responsibilities, Preparation of the WMOT, Output of the WMOT, **Dispatch Implementation** – Purpose and Scope, Dispatch of Must and Priority Dispatch Generating Units, Conditions for Re-dispatch, Re-dispatch Procedures, **Dispatch Compliance** - Scope and Purpose, Responsibilities, Compliance with Dispatch Schedules and Instructions, Dispatch Conformance Standards, Reporting**Start-Up and Shutdown of Generating Units** - Scope and Purpose, Responsibilities, General Procedures**Post-Dispatch Data and Operation Reports** -Dispatch Deviation Report**Procedures During Market Intervention or Suspension** - Dispatch Scheduling and Implementation**Management of Must-Run Units** – Overview, Considerations and Criteria for Selection of Must-Run Units, MRU Scheduling and Dispatch Procedures**Excess Generation** - Responsibilities, Managing Excess Generation for the Next Day**Procedures for Load Shedding** – Responsibilities**Steps in Creating a Merit Order Table****Content Structure of SO Inputs to the Market Projections and Real-time Dispatch** | 11.1.1, 1.1.3, 1.3.1.g, 22.1.2.d, 2.1.2.q, 2.1.2.t, 2.1.2.u, 2.1.2.z, 2.1.2.cc33.3.24Table 266.1.1, 6.1.6, 6.1.7, 6.1.8, 6.4.1.a, 6.4.1.d, 6.9.6, 6.13.a, 6.14.4.g77.3.4, 7.5.1.a, 7.6.2.a, 7.6.2.b, 7.6.3, 7.7.1, 7.7.5.a, 88.6.499.1.1, 9.1.2, 9.3.3.a., 9.3.3.b, 9.7.21010.1.1-3, 10.2, 10.3.2, 10.4.1, Table 7, 10.4.2-6, Table 8, 1111.2.2,11.5, 11.5.1-3, 11.6.2, 11.6.3, 11.6.5, 11.7.1-3, 1212.2.1, 12.2.2, 12.3.2, 12.4.1, 12.4.1.a, 12.4.1.b, 12.4.1.c, 12.4.2, 12.4.2.a, 12.4.2.b, 12.4.2.c, 12.4.3, 12.4.3.a, 12.4.3.b,12.4.4.a, 12.5.1.a, 12.5.1.b, 12.5.1.c, 12.5.1.d, 12.5.2.a, 12.5.2.b, 12.5.2.e, 12.5.2.f, 12.5.2.i, 12.6.21313.1, 13.2.2.a, 13.2.2.b, 13.2.3.a, 13.2.3.d, 13.3.1, 13.3.2, 13.3.4, 13.4, 13.4.1, 13.4.213.4.5, 13.5, 13.5.1, 13.5.2, 13.5.4 1414.4.2.c, 14.4.3.d, 14.4.51616.6.2.a1717.1.1, 17.1.2, 17.1.3, 17.1.4, 17.1.5, 17.3.1, Table 9. Criteria and Considerations for Selection of MRUs, 17.4.11818.2.2.c, 18.2.2.d, 18.2.3.a, 18.3.1, 18.3.3, 18.3.4.b, 18.3.51919.2.3Appendix BAppendix E | xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx | Global change from *“generating units”* to *“****generating systems****”*Global change from *“generating offers”* to *“****market offers****”* | For consistency with the changes to the WESM Rules and Market Manuals. |

**WESM Manual on Market Network Model Development and Maintenance – Criteria and Procedures**

| **Title** | **Section** | **Provision** | **Proposed Amendment** | **Rationale** |
| --- | --- | --- | --- | --- |
| MNM Manual | 4.1.3 | The components of the MNM interacts with one another in accordance with *dispatch schedule* of the generation units, customer demand and the physical laws that govern the operation of the network components. These interactions are complex by nature but should be balanced to maintain the reliable and secure operation of the *power system* by the *System Operator*, as well as for the generation of fair and economic market *dispatch schedules* and *nodal energy price.* | The components of the MNM interacts with one another in accordance with **the** *dispatch schedule* of the *~~generation~~****generating*** *~~units~~****system*, *non-generator resource*, *pumped-storage unit*,** customer demand and the physical laws that govern the operation of the network components. These interactions are complex by nature but should be balanced to maintain the reliable and secure operation of the *power system* by the *System Operator*, as well as for the generation of fair and economic market *dispatch schedules* and *nodal energy price.* | Include NGRs and PSU |
| MNM Manual | 4.4.1 | Market Trading NodesThese are *node*s in the load flow model designated as the reckoning *node* for Trading Participant bids or offers and corresponding settlement of *energy* and reserves. MTN shall be modeled as the trading point of a Generator or a Load where the appropriate real-time monitoring facility can be associated. Where the MTN and the metering point are of different location, site-specific loss adjustment (SSLA) provided in the WESM Metering *Market Manual* shall apply. Further details on MTN can be observed in SECTION 6 of this *Market Manual*. | Market Trading NodesThese are *node*s in the load flow model designated as the reckoning *node* for Trading Participant bids or offers and corresponding settlement of *energy* and reserves. MTN shall be modeled as the trading point of a *~~Generator~~****Generating System, Non-Generator Resource, Pumped-Storage Unit,***or a Load where the appropriate real-time monitoring facility can be associated. Where the MTN and the metering point are of different location, site-specific loss adjustment (SSLA) provided in the WESM Metering *Market Manual* shall apply. Further details on MTN can be ~~observed~~ **viewed** in SECTION 6 of this *Market Manual*. | Include NGRs and PSU |
| MNM Manual |  | New | **4.4.4 *Non-Generator Resource* representation****This is the mathematical model of a *non-generator resource* with its dual capability of injecting or withdrawing power through the network.** | For NGR |
| MNM Manual |  | New | **4.4.5 *Pumped-Storage Unit* representation****This is the mathematical model of a *pumped-storage unit* with its dual capability of injecting or withdrawing power through the network.** | For PSU |
|  |  | 4.4.4. xxx4.4.5. xxx4.4.6. xxx4.4.7. xxx4.4.8. xxx  | 4.4.**6**~~4~~. xxx4.4.**7**~~5~~. xxx4.4.**8**~~6~~. xxx4.4.**9**~~7~~. xxx4.4.**10**~~8~~. xxx | Re-numbering |
| MNM Manual | 6.3.1 | MTN’s can be classified as either *Generator Node* or *Customer Node.*a) *Generator nodes* are *node*s that represent a registered generating unit or generating system directly connected to a network operated by the *System Operator*. It is a *node* where power is injected into the *transmission network.*b) *Customer nodes* are *node*s that represent where power is withdrawn by *Trading Participants* from the grid. | MTN’s can be classified as either *Generator Node* or *Customer Node.*a) *Generator nodes* are *node*s that represent a registered generating unit or generating system directly connected to a network operated by the *System Operator*. It is a *node* where power is injected into the *transmission network.*b) *Customer nodes* are *node*s that represent where power is withdrawn by *Trading Participants* from the grid.**c) *Non-Generator Resource nodes* are *node*s that represent a registered *non-generator resource* directly connected to a network operated by the *System Operator*. It is a *node* where power is injected or withdrawn through the *transmission network.*****d) *Pumped-Storage Unit nodes* are *node*s that represent a registered *pumped-storage unit* directly connected to a network operated by the *System Operator*. It is a *node* where power is injected or withdrawn through the *transmission network.*** | Include NGRs and PSU |
| MNM Manual | 6.3.2 | There may be conditions wherein a *Trading Participant* has a generating facility whose remote telemetering facility is situated in a location where both its injection and withdrawal of power are monitored. In such cases, that *Trading Participant* shall have a generator and customer MTN registered in the WESM to dynamically reflect its injection and withdrawal, respectively. These cases are applicable for the following conditionsa) Facility can act as a generator or load such as the Kalayaan hydro-electricfacility, in which each of its facility can be run as a generator or a pump, orb) Available remote telemetering facilities are situated at a location net of the station service or house load. | **Where available remote telemetering facilities are situated at a location net of the station service, the *Trading Participant* shall have a generator and a customer MTN registered in the WESM to accurately reflect the direction of power flow.** ~~There may be conditions wherein a~~ *~~Trading Participant~~* ~~has a generating facility whose remote telemetering facility is situated in a location where both its injection and withdrawal of power are monitored. In such cases, that~~ *~~Trading Participant~~* ~~shall have a generator and customer MTN registered in the WESM to dynamically reflect its injection and withdrawal, respectively. These cases are applicable for the following conditions~~~~a) Facility can act as a generator or load such as the Kalayaan hydro-electric~~~~facility, in which each of its facility can be run as a generator or a pump, or~~~~b) Available remote telemetering facilities are situated at a location net of the station service or house load.~~ | For clarity |
|  | 6.36.46.56.66.7 | 6.3 xxx6.4 xxx6.5 xxx6.6 xxx6.7 xxx | ~~6.3 xxx~~~~6.4 xxx~~~~6.5 xxx~~~~6.6 xxx~~~~6.7 xxx~~ | For deletion due to reorganization of the whole manual |
| MNM Manual |  | New | **6.4 *Non-Generator Resource* MTN****6.4.1 A MTN is considered a *non-generator resource* node if energy is injected or withdrawn through that node and the direction of the power flow is from the apparatus or equipment (i.e. battery energy storage) operated by the Trading Participant to the network operated by the Network****Service Providers, including the System Operator.****6.4.2 During the submission of offers to supply or consume electricity, the participant *non-generator resource* shall specify the location of the connection point and the relevant market network node.****6.4.3 The information that should be submitted by the generators in their energy supply and reserve offers are enumerated in Appendix A1.4 of the WESM Rules.** | For NGR |
| MNM Manual |  | New | **6.5 *Pumped-Storage Unit* MTN****6.5.1 A MTN is considered a *pumped-storage unit* node if the facility is a pumped-storage plant where energy can either be injected or withdrawn through that node and the direction of the power flow is from the apparatus or equipment operated by the Trading Participant to the network operated by the Network****Service Providers, including the System Operator.****6.5.2 During the submission of offers during generation mode, the participant *pumped-storage unit* shall specify the location of the connection point and the relevant market network node.****6.5.3 The information that should be submitted by the generators in their energy supply and reserve offers are enumerated in Appendix A1.1 of the WESM Rules.** | For PSU |

**WESM Manual on Registration, Suspension and De-registration Criteria and Procedures**

| **Title** | **Section** | **Provision** | **Proposed Amendment** | **Rationale** |
| --- | --- | --- | --- | --- |
| Registration, Suspension and De-Registration Criteria and Procedures | 1.4.1. | All generating companies, distribution utilities, suppliers, bulk consumers/end-users and other similar entities authorized by the *Energy Regulatory Commission* (the *“ERC*”) are eligible to become members of the WESM subject to compliance with set membership criteria.1 Pursuant to Republic Act No. 9136, the *ERC* is the agency mandated to authorize other persons or entities that can be eligible to become members of the WESM. | All ~~generating~~**generation** companies, distribution utilities, suppliers, bulk consumers/end-users and other similar entities authorized by the *Energy Regulatory Commission* (the *“ERC*”) are eligible to become members of the WESM subject to compliance with set membership criteria.1 Pursuant to Republic Act No. 9136, the *ERC* is the agency mandated to authorize other persons or entities that can be eligible to become members of the WESM. | For consistency in use of term based on WESM Rules |
| Registration, Suspension and De-Registration Criteria and Procedures | 2.3.2. | A *Generation Company* may be registered as *Indirect WESM Member* if the generating units it owns, controls or operates or from which it otherwise sources electricity is or will be transacted in the *WESM* by a person or entity that is already registered in or is qualified to be registered in the WESM as *Generation Company* and as *Direct WESM Member.* If not yet registered, that *Generation* *Company must register and be approved to become a Direct WESM Member - Generation Company, as a pre-requisite to approval of the Applicant’s indirect WESM membership.* | A *Generation Company* may be registered as *Indirect WESM Member* if the *generating ~~units~~****system***it owns, controls or operates or from which it otherwise sources electricity is or will be transacted in the *WESM* by a person or entity that is already registered in or is qualified to be registered in the WESM as *Generation Company* and as *Direct WESM Member.* If not yet registered, that *Generation Company must register and be approved to become a Direct WESM Member - Generation Company, as a pre-requisite to approval of the Applicant’s indirect WESM membership.* | For consistency in use of term based on WESM Rules |
| Registration, Suspension and De-Registration Criteria and Procedures | 2.5.1.1 | Generation Company a) The persons or entities that may register as a *Generation Company* are those that own, control or operate or otherwise source electricity from generation unit/s connected to the *transmission system* or *distribution system*.b) Notwithstanding any definition to the contrary, the persons or entities that may qualify to register as Generation Company are those –  *Generation companies* that own, operate or control generation facilities connected to the *transmission system* and which have been authorized by the *ERC* to operate such facilities.  *Embedded generators* that own or operate generation units that are indirectly connected to the grid through the lines of *Distribution Utilities* or industrial generation facilities that are synchronized with the *Grid*, and which have been authorized by the ERC to operate such facilities.  *IPP Administrators* appointed by the *Power Sector Assets and Liabilities Management Corporation* in respect to the transaction of the energy output of the generation facilities covered by their appointment as *IPPA*. The *IPPA* and/or the generation units whose energy output are being administered by such *IPPA* must have the requisite authorization by the *ERC*.  | Generation Company a) The persons or entities that may register as a *Generation Company* are those that own, control or operate or otherwise source electricity from **a** ~~generation~~***generating*** *~~unit/s~~****~~system~~*** connected to the *transmission system* or *distribution system*.b) Notwithstanding any definition to the contrary, the persons or entities that may qualify to register as Generation Company are those –  *Generation companies* that own, operate or control ~~generation facilities~~**a *generating system*** connected to the *transmission system* and which have been authorized by the *ERC* to operate such facilities.  *Embedded generators* that own or operate **a *generating system***~~generation units~~ that are indirectly connected to the grid through the lines of *Distribution Utilities* or industrial generation facilities that are synchronized with the *Grid*, and which have been authorized by the ERC to operate such facilities.  *IPP Administrators* appointed by the *Power Sector Assets and Liabilities Management Corporation* in respect to the transaction of the energy output of ~~the~~ a ***generating system***~~generation facilities~~ covered by their appointment as *IPPA*. The *IPPA* and/or the ~~generation~~**Generation** ~~units~~**Company** whose energy output are being administered by such *IPPA* must have the requisite authorization by the *ERC*.  | For consistency in use of term based on WESM Rules |
| Registration, Suspension and De-Registration Criteria and Procedures | 2.5.4.1 | Generation Unit Classification a) An *Applicant* wishing to register as *Generation Company* shall, upon application, classify each of the *generating unit* or group of *generating units* which form part of the generation system it owns or operates or controls or from which it otherwise sources electricity as either – xxxb) For the foregoing purposes, the reserve regions in the *WESM* correspond to the major grids of the *transmission system* and are Luzon, Visayas and Mindanao. c) The *Market Operator* shall approve the classification of a *generating unit/s* as either a *non-scheduled generating unit* or a *must dispatch generating unit* or a *priority dispatch generating unit*, subject to prevailing relevant rules, regulations and issuances. An *Applicant* may appeal the decision of the *Market Operator* to the *PEM Board*.  | ~~Generation~~**Generating** Unit Classification a) An *Applicant* wishing to register as **a** *Generation Company* shall, upon application, classify each of the *~~generating unit~~* ~~or group of~~ *~~generating units~~****facilities***which form part of the ~~generation~~**generating** system it owns or operates or controls or from which it otherwise sources electricity as either – xxx***Non-Generator Resource* for *facilities* that are connected at a common connection point that operate as either Generation or Load and that can be dispatched to any operating level within their entire capacity range but are also constrained by a MWh limit to (1) generate Energy, (2) curtail the consumption of Energy in the case of demand response, or (3) consume Energy.*****Pumped-storage unit* for *facilities* that are connected at a common connection point that is capable of storing water from a lower elevation reservoir to a higher elevation reservoir for the purpose of production of electrical power.**b) For the foregoing purposes, the reserve regions in the *WESM* correspond to the major grids of the *transmission system* and are Luzon, Visayas and Mindanao. c) The *Market Operator* shall approve the classification of a *~~generating unit/s~~****generating system*** as either a *non-scheduled generating unit* or a *must dispatch generating unit* or a *priority dispatch generating unit*, subject to prevailing relevant rules, regulations and issuances. An *Applicant* may appeal the decision of the *Market Operator* to the *PEM Board*.  | Included NGRs and PSUs |
| Registration, Suspension and De-Registration Criteria and Procedures | 2.5.4.3 | **Dispatch Tolerances** Prior to application, a *Generation Company* may seek a ruling from the *System Operator* with respect to *dispatch tolerances* to be applied for the generating unit/s it intends to be classified as *scheduled generating unit/s* or *priority dispatch generating unit/s*. The *System Operator* may also make a ruling upon endorsement by the *Market Operator* of the application. The *System Operator* may, at any time, review any ruling it has made in the light of further information or experience. A *Generation Company* may appeal the ruling issued by the *System Operator* to the *PEM Board*. | **Dispatch Tolerances** Prior to application, a *Generation Company* may seek a ruling from the *System Operator* with respect to *dispatch tolerances* to be applied for the generating ~~units~~**system** it intends to be classified as *scheduled generating unit/s****,***~~or~~ *priority dispatch generating unit/s****, non-generator resource/s, or pump-storage unit/s***. The *System Operator* may also make a ruling upon endorsement by the *Market Operator* of the application. The *System Operator* may, at any time, review any ruling it has made in the light of further information or experience. A *Generation Company* may appeal the ruling issued by the *System Operator* to the *PEM Board*. | Included NGRs and PSUs |
| Registration, Suspension and De-Registration Criteria and Procedures | 2.5.4.4 | **Generation Registered Capacities** A *Generation Company* shall include in its application the *maximum stable load (Pmax),* the *minimum stable load (Pmin)*, the *ramp up rate*, and the *ramp down rate* of each *generation unit* or aggregated *generation units* that are included in its application. The information provided to the *Market Operator* must be consistent with the information contained in the *Certificate of Compliance* issued by the *ERC* as well as submissions made to the *ERC* in relation to the issuance of its *Certificate of Compliance.* | **Generation Registered Capacities** A *Generation Company* shall include in its application the *maximum stable load (Pmax),* the *minimum stable load (Pmin)*, the *ramp up rate*, and the *ramp down rate* of each *~~generation unit~~****facility***or aggregated *~~generation units~~****facilities***that are included in its application. The information provided to the *Market Operator* must be consistent with the information contained in the *Certificate of Compliance* issued by the *ERC* as well as submissions made to the *ERC* in relation to the issuance of its *Certificate of Compliance.* **If the *facility* is a *Battery Energy Storage System*, the *Generation Company* shall include the *facility’s* energy storage efficiency and maximum storage capacity in its Application. If the *facility* is a *pumped-storage unit*, the *Generation Company* shall include the *facility’s* maximum pump load.** | Included provisions for NGRs and PSUs |
| Registration, Suspension and De-Registration Criteria and Procedures | 3.3.1 | **Registered Capacities**Changes in the registered capacities (i.e., Pmin or Pmax) of a generating unit shall require confirmation by the *Market Operator* before such change can be considered in the WESM scheduling and dispatch processes. | **Registered Capacities**Changes in the registered capacities (i.e., Pmin or Pmax) of a ~~generating unit~~***facility*** shall require confirmation by the *Market Operator* before such change can be considered in the WESM scheduling and dispatch processes. | Use facility for generic use on generating units, NGRs, and PSUs |
| Registration, Suspension and De-Registration Criteria and Procedures | 3.3.1.1 | The *Trading Participant* wishing to change the registered capacities of its generating unit/s shall make a request in writing to the *Market Operator*. Such changes shall be in accordance with either the latest Certificate of Compliance (COC) issued by the ERC or a certification of generator capability test to be issued jointly by the DOE, ERC and SO. The conduct of testing shall be based on the internationally-accepted testing procedures as required in the COC, and the cost of testing shall be the responsibility of the applicant.  | The *Trading Participant* wishing to change the registered capacities of its ~~generating unit/s~~**facility** shall make a request in writing to the *Market Operator*. Such changes shall be in accordance with either the latest Certificate of Compliance (COC) issued by the ERC or a certification of generator capability test to be issued jointly by the DOE, ERC and SO. The conduct of testing shall be based on the internationally-accepted testing procedures as required in the COC, and the cost of testing shall be the responsibility of the applicant. | Use facility for generic use on generating units, NGRs, and PSUs |
| Registration, Suspension and De-Registration Criteria and Procedures | 3.3.2.1 | The *Trading Participant* under whom a generating unit is registered in the *WESM* may request for the reclassification of such unit (i.e., *scheduled*, *non-scheduled, must dispatch* or *priority dispatch*) by submitting to the *Market Operator* a request in writing supported by documents and information as would enable the *Market Operator* to evaluate the request.  | The *Trading Participant* under whom a ~~generating unit~~***facility*** is registered in the *WESM* may request for the reclassification of such ~~unit~~***facility*** (i.e., *scheduled*, *non-scheduled, must dispatch* or *priority dispatch*) by submitting to the *Market Operator* a request in writing supported by documents and information as would enable the *Market Operator* to evaluate the request. | Use facility for generic use on generating units, NGRs, and PSUs |
| Registration, Suspension and De-Registration Criteria and Procedures | 3.3.3.1 | Changes in the manner of representation of any generating unit or customer facility in the *WESM Market Network Model* may be initiated by the *Trading Participant* transacting such facilities in *the WESM*.  | Changes in the manner of representation of any ~~generating unit or customer~~ *facility* in the *WESM ~~Market~~ Network Model* may be initiated by the *Trading Participant* transacting such facilities in *the WESM*.  | Use facility for generic use on generating units, NGRs, and PSUs |
| Registration, Suspension and De-Registration Criteria and Procedures | 3.3.5.1 | A generation facility or unit or a customer facility registered under one *WESM Member* may be transferred to another person or entity that meets the criteria and qualifications to be registered as a *WESM Member* and *Trading Participant.*  | A ~~generating facility or unit or a customer~~ facility registered under one *WESM Member* may be transferred to another person or entity that meets the criteria and qualifications to be registered as a *WESM Member* and *Trading Participant.* | Use facility for generic use on generating units, NGRs, and PSUs |
| Registration, Suspension and De-Registration Criteria and Procedures | 5.2.1.3 | If the *WESM member* wishes to cease to be registered as a *Trading Participant* as a result of the retirement or closure of its generation or customer facilities that are injecting or withdrawing power from the grid, it shall likewise cause the disconnection of such facilities from the transmission or distribution system to which these are connected. The notice to be submitted to the *Market Operator* shall be accompanied by proof of such disconnection.  | If the *WESM member* wishes to cease to be registered as a *Trading Participant* as a result of the retirement or closure of its ~~generation or customer~~ *facilities* that are injecting or withdrawing power from the grid, it shall likewise cause the disconnection of such facilities from the transmission or distribution system to which these are connected. The notice to be submitted to the *Market Operator* shall be accompanied by proof of such disconnection. | Use facility for generic use on generating units, NGRs, and PSUs |
| Registration, Suspension and De-Registration Criteria and Procedures | 5.6.2 | Deregistration shall also result in the disconnection of the relevant generation or customer facilities from the transmission or distribution system under the following circumstances xxx | Deregistration shall also result in the disconnection of the relevant ~~generation or customer~~ *facilities* from the transmission or distribution system under the following circumstances xxx | Use facility for generic use on generating units, NGRs, and PSUs |
| Registration, Suspension and De-Registration Criteria and Procedures | Glossary | Maximum Stable Load or PmaxThe maximum demand in MW that a generating unit or generating block or module in the case of a combined cycle power plant, can reliably sustain for an indefinite period of time, based on the generator capability tests. Also the registered maximum capacity. | Maximum Stable Load or PmaxThe maximum demand in MW that a ~~generating unit~~***facility*** or *generating ~~block~~****system*** or module in the case of a combined cycle power plant, can reliably sustain for an indefinite period of time, based on the generator capability tests. Also the registered maximum capacity. | Use facility for generic use on generating units, NGRs, and PSUs |
| Registration, Suspension and De-Registration Criteria and Procedures | Glossary | Minimum Stable Load or PminThe minimum demand in MW that a generating unit, or a generating block or module in the case of combined cycle power plant, can reliably sustain for an indefinite period of time, based on generator capability tests. Also the registered minimum capacity. | Minimum Stable Load or PminThe minimum demand in MW that a ~~generating unit~~***facility***, or a *generating ~~block~~****system*** or module in the case of combined cycle power plant, can reliably sustain for an indefinite period of time, based on generator capability tests. Also the registered minimum capacity. | Use facility for generic use on generating units, NGRs, and PSUs |
| Registration, Suspension and De-Registration Criteria and Procedures | Glossary | Ramp Down RateThe normal rate that a generating unit reduces it power output, expressed in MW per minute | Ramp Down RateThe normal rate that a ~~generating unit~~***facility*** reduces it power output, expressed in MW per minute | Use facility for generic use on generating units, NGRs, and PSUs |
| Registration, Suspension and De-Registration Criteria and Procedures | Glossary | Ramp Up RateThe normal rate that a generating unit increases its power output, expressed in MW per minute | Ramp Up RateThe normal rate that a ~~generating unit~~***facility*** increases its power output, expressed in MW per minute | Use facility for generic use on generating units, NGRs, and PSUs |
| Registration, Suspension and De-Registration Criteria and Procedures | Glossary | Registered CapacityThe prevailing Maximum Stable Load or Pmax and the Minimum Stable Load or Pmin of a generating unit or aggregate generating units as registered with the Market Operator or subsequent changes confirmed and implemented by the Market Operator. The Pmax shall be the registered maximum capacity while the Pmin shall be the minimum registered capacity. | Registered CapacityThe prevailing Maximum Stable Load or Pmax and the Minimum Stable Load or Pmin of a ~~generating unit~~***facility*** or ~~aggregate~~generating ~~units~~**system** as registered with the Market Operator or subsequent changes confirmed and implemented by the Market Operator. The Pmax shall be the registered maximum capacity while the Pmin shall be the minimum registered capacity. | Use facility for generic use on generating units, NGRs, and PSUs |

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

1. **Proposed Scheme to Monitor the Effectiveness of the Proposed Changes to the WESM Manual**

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| --- |
|  |

1. **Referral**

 MAG Date Received: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 Proposed Amendment: [ ]  Urgent [ ]  Minor [ ]  General

1. **For Urgent Amendment (For the use of PEMC President only)**

|  |  |
| --- | --- |
| Date Referred to PEMC President | **[ ]** Yes [ ]  No |
| Certifies as urgent | **[ ]** Yes [ ]  No |
| Convene the RCC within 48 hrs. |  |
| Remarks: |

1. **For Minor and General Amendment (For the use of RCC only)**

|  |  |
| --- | --- |
| Date Referred to RCC:  |  |
| Remarks: |
| Action taken:  |
| Request for comments: | [ ]  Yes [ ]  No |
|  | Request written comments from:[ ]  DRG [ ]  MSC [ ]  PA [ ]  MO[ ]  ECO [ ]  RCC [ ]  TC [ ]  Other PEM Board Committees [ ]  Other Interested Parties  |
| For further review of the Technical Sub-Committee:  | [ ]  Yes Assigned to:[ ]  SO Sub-Committee[ ]  MO Sub-Committee[ ]  Metering Sub-Committee[ ]  Billing and Settlement Sub-Committee[ ]  Legal and Regulatory Sub-Committee  |
| [ ]  No  |
| For public consultation:  | [ ]  Yes [ ]  No  |
| RCC Resolution: | [ ]  Approved [ ]  Disapproved |
| RCC Resolution No.: |  |
| Date of Resolution: |  |
| RCC Meeting No. |  |
| Date of endorsement to the PEM Board: |  |