**Proposed Amendments to the WESM Rules and Various Manuals on Dispatch Protocol regarding Enhancements and Updating of the System Operator’s Re-Dispatching, Reporting, and Market Intervention/Market Suspension Procedures**

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| **WESM Rules** | | | | | | |
| **Title** | **Clause** | **Original Provision** | **Proposed Amendments** | **Rationale** | **Comments/**  **Proposed Revision** | **Rationale** |
| CLAUSE 6.9 MARKET SUSPENSION | 6.9.4.2 | A copy of the report prepared under Clause 6.9.4.1 shall be provided to:   1. the *PEM Board*; 2. the *Market Operator*; 3. the *ERC* and the *DOE*; and   *WESM Participants* and interested persons on request. | A copy of the report prepared under Clause 6.9.4.1 shall be provided to:  (a) the *PEM Board*;  (b) the *Market Operato*r;  (c) ***System Operator***;  (~~c~~**d**) the *ERC* and the *DOE*; and  (~~d~~**e**) *WESM Participants* and interested persons on request. | To apprise the System Operator of the MSC's assessment result same as the MO because the SO also submits the MI report to the MSC. |  |  |

| **WESM Manual on Dispatch Protocol** | | | | | | |
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| **Title** | **Clause** | **Original Provision** | **Proposed Amendments** | **Rationale** | **Comments/**  **Proposed Revision** | **Rationale** |
| SECTION 2 DEFINITION, REFERENCES, AND INTERPRETATION | 2.1.2 | NEW | **National WESM Merit Order Table (WMOT). *WMOT* for the interconnected *grids* where *WESM* is in operation.** **Upon energization of the Mindanao-Visayas Interconnection Project (MVIP), National WMOT refers to t**he **interconnected Luzon-Visayas-Mindanao.** | To clarify that the MO will prepare a National WMOT for the interconnected grids and a Regional WMOT for each of the grids where WESM is in commercial operation.  The addition of the National WMOT will cover the interconnected grids, to serve as a guide for the SO (particularly the Central Grid Operations) in managing the capacity sharing between regions. |  |  |
|  | 2.1.2 | NEW | **Regional WESM Merit Order Table (WMOT). *WMOT* for each of the *grids* where *WESM* is in operation.** | Regional WMOT is also proposed to be defined with its classifications specified in Section 10. |  |  |
| SECTION 10 PREPARATION OF THE WESM MERIT ORDER TABLE | 10.1 | 10.1 Background  xxx  10.1.4 The *Market Operator* prepares a separate *WMOT* for each of the *grids* where the *WESM* is in commercial operation. | 10.1 Background  xxx  10.1.4 The *Market Operator* prepares ~~a~~ ***national WMOT* and *regional*** ~~separate~~ *WMOT***s**for each of the *grids* where the *WESM* is in commercial operation. **The *Regional WMOT* is further classified as follows:**   1. **Luzon-Visayas WMOT - *WMOT* for interconnected Luzon-Visayas *Grid*, when the Mindanao *Grid* in *Market Intervention*, upon energization of MVIP** 2. **Visayas-Mindanao WMOT - *WMOT* for interconnected Visayas-Mindanao *Grid*,** **when the** **Luzon *Grid* is in *Market Intervention***, **upon energization of MVIP** 3. **Luzon WMOT - *WMOT* for Luzon *Grid*** 4. **Visayas WMOT - *WMOT* for Visayas *Grid*** 5. **Mindanao WMOT - *WMOT* for Mindanao *Grid***   **10.1.5 The *System Operator* utilizes the *national WMOT* and the *regional WMOT* as a guide in the management of capacity sharing between *grids*, where *WESM* is in commercial operation.** | To clarify that the MO will prepare a national WMOT for the interconnected grids and a regional WMOT for each of the grids where WESM is in commercial operation.  The national WMOT will cover the interconnected grids, to serve as a guide for the SO (particularly the Central Grid Operations) in managing the capacity sharing between regions. |  |  |
| GeneSECTION 11 DISPATCH IMPLEMENTATION  Background | 11.1 | 11.1 Background  xxx  11.1.4 At any given dispatch interval, the *System Operator* shall issue re-dispatch instructions in accordance with the *WMOT* and shall make an *out-of-merit dispatch* when the *system security* is at risk.  11.1.5 The *System Operator* shall make use of the first *WMOT* available for the hour as reference for its re-dispatch instruction at any *dispatch interval* for that hour (e.g. 1005H *WMOT* shall be used for all *dispatch intervals* from 1005H to 1100H). | 11.1 Background  xxx  11.1.4 At any given *dispatch interval*, the *System Operato*r shall issue re-dispatch instructions in accordance with the *WMOT* and shall make an *out-of-merit dispatch* when the *system security* is at risk.  ~~11.1.5 The~~ *~~System Operator~~* ~~shall make use of the first~~ *~~WMOT~~* ~~available for the hour as reference for its re-dispatch instruction at any~~ *~~dispatch interval~~* ~~for that hour (e.g. 1005H~~ *~~WMOT~~* ~~shall be used for all~~ *~~dispatch intervals~~* ~~from 1005H to 1100H).~~ | The use of the first WMOT as the SO’s reference in issuing re-dispatch instructions was due to the foreseen difficulty in the dispatch of power plants brought about by the frequent changes in the list of WMOT.  With the improvement of the System Operator’s internal procedures, the issuance of re-dispatch instructions based on the 5-minute WMOT is now possible, and the previously anticipated difficulties were already addressed.  The System Operator is proposing to incorporate this enhancement in view of the following advantages:   1. Real-time approach and reflects the actual sequence of dispatch of power plants per 5-minutes; 2. Alignment with the methods set by the Market Operator; and   Utilization of the existing platform used by SCADA in displaying the WMOT in OPEN-3000. |  |  |
| SECTION 11 DISPATCH IMPLEMENTATION | 11.7 | 11.7 Re-dispatch Procedures  xxx  11.7.5generators shall immediately follow the dispatch schedules for the next dispatch interval after complying with the re-dispatch instructions. | 11.7 Re-dispatch Procedures  xxx  11.7.5 After complying with the re-dispatch instructions, generators shall ~~immediately~~ **wait for the *System Operator's* instruction for them to** follow the dispatch schedules for the next dispatch interval. | The re-dispatch process has not ended until the grid issue has been resolved and the system frequency is within allowable limits.  Upon reaching this condition, the SO should communicate to the generators that the re-dispatch process has ended and that the generators can follow the dispatch schedules for the next trading intervals. The clearance shall be provided by the SO in the same way it provided re-dispatch instructions. |  |  |
| SECTION 13 START-UP AND SHUTDOWN OF GENERATING UNITS | 13.4 | 13.4 Start-up of a Generating Unit  xxx  13.4.3 If the start-up will be deferred, the System Operator shall update the outage schedule accordingly and in accordance with the WESM timetable for submission of outage schedules. | 13.4 Start-up of a Generating Unit  xxx  13.4.3 If the start-up will be deferred, **the generators shall submit t**heir **new outage schedule to the System Operator prior t**o **the original schedule of the start-up or the relevant RTD run. T**he System Operator shall **then** update the outage schedule accordingly and in accordance with the WESM timetable for submission of outage schedules. | If a generating unit fails to start-up after its planned outage schedule has lapsed, its outage schedule must not be modified since this extension would now fall under forced outage. If the extension is necessary for inclusion in the System Operator Market Operator Data Interchange Program schedule must undergo proper coordination protocol and be approved for unplanned outages (non-Grid Operating Program). Generators should submit their new outage schedule to the System Operator for proper tagging and updating. |  |  |
| SECTION 16 PROCEDURES DURING MARKET INTERVENTION AND SUSPENSION | 16.3.3 | 16.3.3 The *Market Surveillance Committee* will perform an assessment and submit a report to the *PEM Board*, the *DOE,* and the *ERC* containing the following:   * 1. Adequacy of the provisions of the *WESM Rules* relevant to the event/s which occurred;   2. Appropriateness of actions taken by the *System Operator* in relation to the event/s that occurred; and   Costs incurred by the *WESM Members* as a result of responding to the event/s. | 16.3.3 The *Market Surveillance Committee* will perform an assessment and submit a report to the *PEM Board*, the *DOE,* and the *ERC* containing the following:  a. Adequacy of the provisions of the *WESM Rules* relevant to the event/s which occurred;  b. Appropriateness of actions taken by the *System Operator* in relation to the event/s that occurred; and  c. Costs incurred by the *WESM Members* as a result of responding to the event/s.  **A copy of the report shall be furnished to the *Market Operator* and the *System Operator* for their information and reference.** | To apprise the System Operator and Market Operator of the MSC's assessment result. |  |  |
| SECTION 16 PROCEDURES DURING MARKET INTERVENTION AND SUSPENSION | 16.8.1 | Market Resumption after a Market Suspension. When the *ERC* lifts the suspension of the market, the operations of the market will resume at the soonest possible time following receipt by the *Market Operator* from the *ERC* of the notice lifting the market suspension. If the cause of the *market suspension* is the occurrence of a natural calamity, the *Market Operator* or the *System Operator* may recommend to the *ERC* the lifting of the *market suspension* if the effects of the calamity on the market or the *grid* have already been resolved. | Market Resumption after a Market Suspension. ~~When the~~ *~~ERC~~* ~~lifts the suspension of the market, the operations of the market will resume at the soonest possible time following receipt by the~~ *~~Market Operator~~* ~~from the~~ *~~ERC~~* ~~of the notice lifting the market suspension.~~ If the cause of the *market suspension* is the occurrence of a natural calamity, the *Market Operator* or the *System Operator* may recommend to the *ERC* the lifting of the *market suspension* if the effects of the calamity on the market or the *grid* have already been resolved. **When the *ERC* lifts the suspension of the market, the operations of the market will resume at the specific *dispatch interval* prescribed by the *ERC*, which may come from the recommendation of the *Market Operator* in coordination with t**he ***System Operator* considering the preparations necessitated by the participants in complying with market-based instructions.** | To provide the participants with sufficient time to prepare for market-based instructions. |  |  |