



Proposed Amendments to the WESM Manual on Registration, Suspension, and De-Registration Criteria and Procedures to Include Additional Modelling Requirements and Procedures

**Independent Electricity Market Operator of the
Philippines**

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I. SUMMARY OF THE PROPOSED RULES CHANGE

The amendments to the WESM Manual on Registration, Suspension, and De-Registration Criteria and Procedures are proposed to include additional modelling requirements and procedures when registering a new facility in the WESM or registering as an ancillary services provider.

II. BACKGROUND

WESM Rules Clause 3.2.2.3(A) provides that the settlement of generators and customers in the WESM will be based on the nodal prices at the market trading nodes. A market trading node is a designated point in the market network model where energy is bought or sold by trading participants. Trading participants are assigned to market trading nodes to determine the prices that will be used for settling their purchased or sold energy.

As provided under Section 2.5.5.1(d) of the WESM Manual on Registration, Suspension, and De-Registration Criteria and Procedures, facilities of trading participants are represented in the market network model by the Market Operator in consultation with the System Operator and the applicant during the assessment of the registration application. This process determines the location and configuration of the market trading node to be assigned to the trading participant.

During the operations of the WESM, the following general observations were made with respect to the modelling of facilities in the market network model:

- in addition to the system operator and the applicant, the network service provider and metering services provider also provide relevant inputs when determining the appropriate modelling of a facility;
- station use or house load of generating facilities are sometimes undeclared resulting in unaccounted load in the system during scheduling and pricing;
- the system operator has additional technical requirements for the operation of ancillary services providers in the WESM (e.g., generating units were required to be modelled individually for some ancillary service providers); and
- existing plant complexes have been appended by additional generating systems that are traded separately but under the same generation company.

III. THE PROPOSED RULES CHANGE

In view of the observations in the modelling of facilities, it is proposed that additional general requirements and procedures in the modelling of new facilities or during the registration of an ancillary services provider are included in the WESM Manual on Registration, Suspension, and De-Registration Criteria and Procedures. The proposed general requirements and procedures are as follows:

- include network service providers and metering services providers in the consultations for the modelling of new facilities;

- require generation companies to inform the Market Operator of the arrangements for its station use or house load in order for the Market Operator to appropriately model the said load;
- establish that the system operator may impose additional technical requirements to an ancillary services provider including specific requirements in the modelling of its generating units; and
- provide procedures for the addition of facilities that will be traded separately from existing generating units but under the same registered generation company.

IV. BACKGROUND AND DESCRIPTION OF THE PROPONENT

The proponent is the Independent Electricity Market Operator of the Philippines, Inc. IEMOP acts as the market operator of the WESM.

Top Officers:

Atty. Francis Saturnino C. Juan – President and CEO

Engr. Jose Mari T. Bigornia – Chief Operating Officer

Arthur P. Pintado – Internal Audit Head

Robinson P. Descanzo – Trading Operations Head

Rachel Angela P. Anosan – Chief Legal Officer

Isidro E. Cacho, Jr. – Chief Corporate Strategy and Communications Officer

Celina R. Encarnacion – Chief Corporate Services Officer

Salvador D. Subaran – Chief Information Systems and Technology Officer

V. CONCLUSIONS AND RECOMMENDATIONS

The amendments to the WESM Manual on Registration, Suspension, and De-Registration Criteria and Procedures are proposed to include additional modelling requirements when registering a new facility in the WESM or registering as an ancillary services provider. By revising the WESM Manual, trading participants are better informed of the modelling requirements and procedures in the WESM resulting in more efficient processing of applications.

VI. REFERENCES

1. WESM Rules
2. WESM Manual on Registration, Suspension, and De-Registration Criteria and Procedures