

**Proposed Amendments to the WESM  
Rules and Manuals for the Implementation  
of DOE DC2019-02-0003 Providing for the  
Framework Governing the Operations of  
Embedded Generators**

Independent Electricity Market Operator of the  
Philippines

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## I. SUMMARY OF THE PROPOSED RULES CHANGE

The amendments are proposed to incorporate relevant provisions of Department of Energy (DOE) DC2019-02-0003, entitled "Providing for the Framework Governing the Operations of Embedded Generators", to the WESM Rules and Manuals. The affected documents are:

- WESM Rules
- Registration, Suspension and De-Registration Criteria and Procedures Issue 5.0
- Metering Standards and Procedures Issue 12.0

## II. BACKGROUND

On 01 April 2019, the DOE promulgated DC2019-02-0003 that provided for the framework governing the operations of embedded generators. Under Section 11.1 of the same DC, the Market Operator is directed to submit to the Rules Change Committee proposed changes to the WESM Rules and Market Manuals in accordance with the newly promulgated policy.

## III. THE PROPOSED RULES CHANGE

The proposed amendments incorporate relevant provisions of DC2019-02-0003 to the WESM Rules and Manuals. The table below provides the highlights of the proposed amendments and the reference provision from DC2019-02-0003.

DC2019-02-0003 Provision	Proposed Amendments
Section 5.2.2	Refer all metering installations standards for embedded generators (i.e., meter, instrument transformers, grounding, communication link, security, redundant metering) to the Philippine Distribution Code with additional requirement for 5-minute interval metering
Section 6.1	Mandatory registration of embedded generators that meet the following criteria: a) P <sub>max</sub> equal to or above the following regional thresholds: 10 MW for Luzon, 5 MW for Visayas and Mindanao; or b) P <sub>max</sub> below regional thresholds but embedded generator has bilateral contract outside its host distribution utility; or c) generating unit is under the Feed-In Tariff (FIT) system
	For consistency, the same P <sub>max</sub> thresholds are proposed to be used for classifying non-scheduled generating units
Section 6.2	Voluntary registration of embedded generators that do not meet the criteria above

#### **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:

Engr. Jose Mari T. Bigornia – President and CEO

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

Salvador D. Subaran – Chief Information Systems and Technology Officer

#### **V. CONCLUSIONS AND RECOMMENDATIONS**

With the promulgation of DOE DC2019-02-0003 providing for the framework for the operations of embedded generators, it is proposed that relevant provisions be incorporated to the WESM Rules and Manuals. By revising the WESM Rules and market manuals, generation companies with embedded generating units will be better guided on their participation in the WESM in view of the new policy from the DOE.

#### **VI. REFERENCES**

1. WESM Rules
2. WESM Manual on Metering Standards and Procedures Issue 12.0
3. WESM Manual on Registration, Suspension and De-Registration Criteria and Procedures Issue 5.0
4. DOE Department Circular No. DC2019-02-0003