



# **Proposed Amendments to the WESM Manual on Dispatch Protocol for the Optimal Timing of Market Runs**

Independent Electricity Market Operator of the  
Philippines

August 2019

## **I. SUMMARY OF THE PROPOSED RULES CHANGE**

The amendments to the WESM Manual on Dispatch Protocol are proposed to optimize the timing of activities, considering system performance and system operator requirements, for the following market runs: day-ahead projection (DAP), hour-ahead projection (HAP) and real-time dispatch (RTD).

## **II. BACKGROUND**

In line with the enhanced WESM design and operations provided under DOE Circular No. DC2017-05-0009, the WESM Manual on Dispatch Protocol was revised to reflect the changes in the market processes in view of the reduction of the dispatch interval to five (5) minutes, and the improvements to the projections (i.e., more frequent conduct of day-ahead projections, inclusion of multiple scenarios in day-ahead projections, addition of hour-ahead projections). The revisions included changes on the WESM timetable. These updates on the WESM timetable were provided based on initial estimates of system performance jointly determined by the Market Operator and the software service provider. The Market Operator (MO) noted that these initial estimates may change depending on the results of the Parallel Operations.

During the Parallel Operations Program (POP) that started in 26 April 2019, it was observed that the processing time of market runs for DAP, HAP and RTD differ from the estimates. The difference can be attributed to the actual performance of the system when used by many trading participants. In addition, the System Operator (SO) requested to adjust the timeline for the transmittal of HAP and RTD results to SO to allow sufficient processing time of SO's applications.

## **III. THE PROPOSED RULES CHANGE**

The proposed amendments seek to adopt the optimal timing of activities for the DAP, HAP and RTD runs considering the actual performance of the NMMS. The recommendation is to adopt minor adjustments on the timeline of market run activities for DAP, HAP and RTD as these will ensure that the market runs will be completed on-time in view of the observations during parallel operations and the additional requirement from the SO. The highlights of the changes are as follows:

### **Day-Ahead Projections**

- Deadline for participant submissions is moved ten (10) minutes earlier
- Deadline for system operator inputs, market operator forecasts, and execution of the DAP is moved by one (1) minute earlier
- Deadline for publication of results in the Market Participant Interface (MPI) and transmittal of the results to the SO is moved ten (10) minutes later

### **Hour-Ahead Projections / Real-Time Dispatch**

- Deadline for participant submissions is moved one (1) minute earlier

- Deadline for transmittal of the results to the SO is moved one (1) minute earlier

#### **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**

It is proposed to have minor adjustments on the timeline of market run activities for DAP, HAP and RTD to consider the actual performance of the NMMS and additional requirement from SO. By adopting these changes, the timing of these activities will be optimized and the timely completion of market runs will be ensured.

#### **VI. REFERENCES**

1. WESM Manual on Dispatch Protocol Issue No. 13