



Kick-Off Meeting for the Measuring Market Readiness during the Parallel Operations

25 April 2019

Overview

- The Parallel Operations Program for the “Enhanced WESM Design and Operations” (EWDO) has been on-going since 26 June 2017
- As we are already at the last leg of the preparations, it is important to assess everyone’s readiness in implementing the EWDO
- PEMC commissioned the Sapere Research Group to assess all WESM stakeholders’ readiness
- The readiness assessment shall start on **26 April 2019**

A Quick Refresher on the EWDO

Maintaining the Guiding Principles of the WESM

Gross Pool	<ul style="list-style-type: none">• Generator Trading Participants offer their maximum available capacity for central scheduling and dispatch
Net Settlement	<ul style="list-style-type: none">• Trading Participants may opt to settle their bilateral contract quantities outside the market
Co-optimized Energy and Reserves	<ul style="list-style-type: none">• Optimal dispatch of both energy and reserves given the bids and offers and the constraints imposed
Self-commitment	<ul style="list-style-type: none">• Generators are responsible for the commercial and efficient technical operations of their plants
Real-time Market	<ul style="list-style-type: none">• Schedule and prices are governed by commercial and market forces and determined near real-time
Transparency	<ul style="list-style-type: none">• Provision of timely and accurate market information

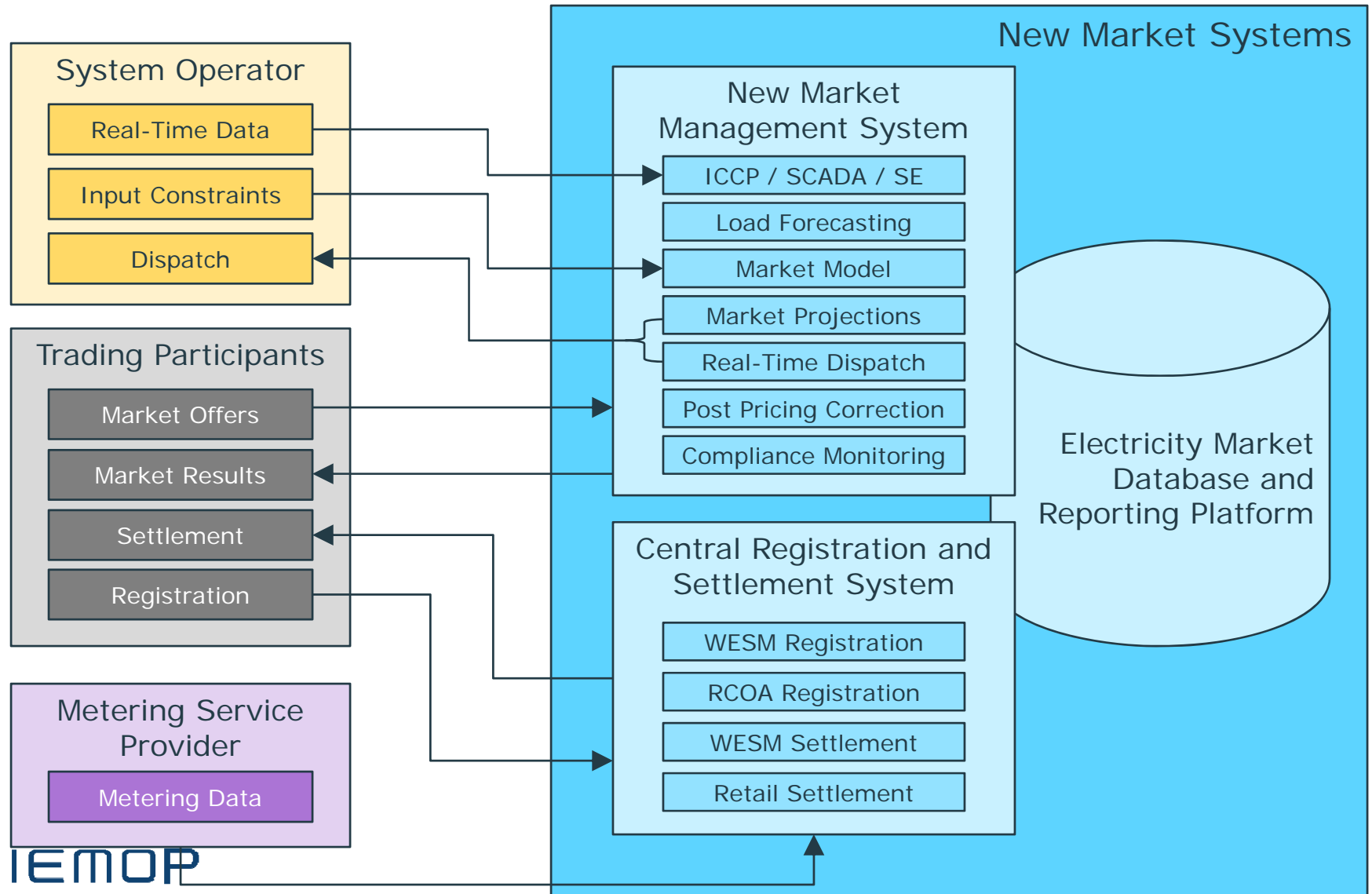
A Quick Refresher on the EWDO

Key Changes in the WESM Design

- 5-minute dispatch and settlement interval
- Improved Market Projections
- Economic Scheduling of Pmin
- Ex-ante only pricing and settlements
- Automatic pricing re-runs

A Quick Refresher on the EWDO

New Market Systems to Support Implementation



A Quick Refresher on the EWDO

New Market Systems to Support Implementation

☐ New Market Management System

- Implement 5-minute dispatch interval
- Improved Market Projections
- Economic Scheduling of Pmin
- Ex-ante only pricing
- Automatic pricing correction and near real-time publication of prices

☐ Central Registration & Settlement System

- Facility for Central Registration in WESM & RCOA
- Central Uploading of Metered Quantities and Bilateral Contract Quantities
- Facility for Settlement of Wholesale and Retail Transactions

A Quick Refresher on the EWDO

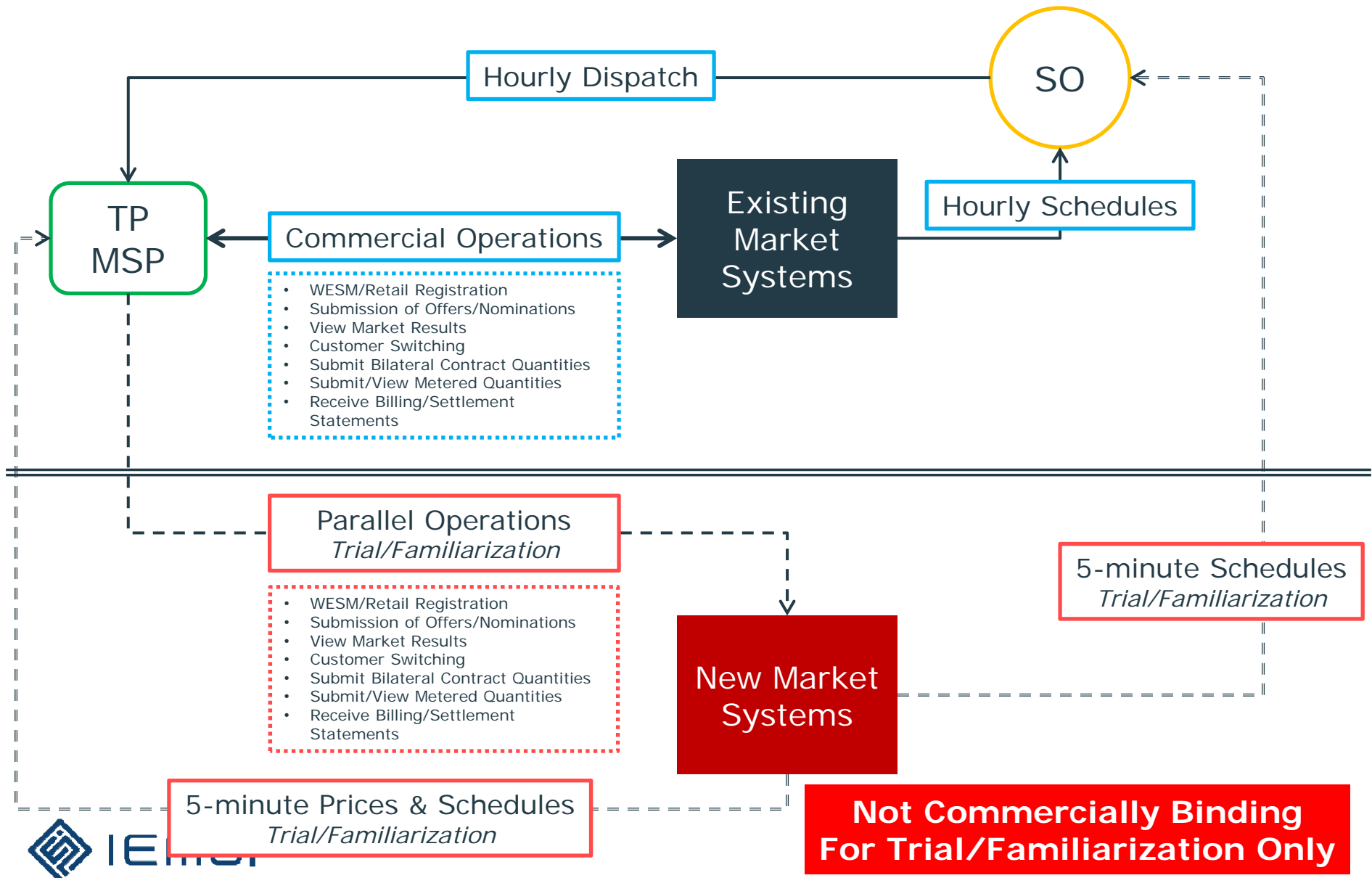
New Market Systems to Support Implementation

- ❑ Electricity Market Database and Reporting Platform
 - Data Provision (Publishing to IEMOP website)
 - Central Repository for all market data from NMMS, CRSS, and other data sources (data warehouse)
 - Data Subscription
 - Data Analytics

What Should We All Do?

- Starting 26 April 2019, all WESM Stakeholders are expected to transact with the New Market Systems using “at least” the same inputs they are submitting in the Existing Market Systems
 - Although IEMOP does not expect an “entirely similar” set of inputs given that EWDO introduced changes
- During the Parallel Operations, Transactions with the New Market Systems (with the exception for WESM Registration) are not binding as they are purely for “trial” or “familiarization” purposes only
 - The “WESM Registration Module” of the CRSS was already launched for use by WESM Stakeholders

Overview of POP Activities



Simple Checklist of Things To Do in Parallel Generators

Activity in Existing Market Systems	Existing Market System To Use	Perform in New Market Systems	New Market System To Use
Registration / Post-Registration	CRSS	Registration	CRSS
Submit Offers/ Nominations	MMS	Submit Offers/ Nominations	New MMS
View Market Results	MMS	View Market Results	New MMS
--	--	View Compliance Results	New MMS
Submit Bilateral Contract Quantities	WBSS	Submit Bilateral Contract Quantities	CRSS
View Metered Quantities	E-mail from IEMOP	View Metered Quantities	CRSS
Receive Billing/ Settlement Statements	From IEMOP	Receive Billing/ Settlement Statements	CRSS

How about Reserve Offers?

Reserve Type	MMS Reserve Type	Quantity to be Submitted	NMMS Reserve Type	Quantity to be Submitted
Regulation	REG	Half of NGCP's DAAS	RU	Half of NGCP's DAAS
			RD	Half of NGCP's DAAS
Contingency	CON	NGCP DAAS	FR	NGCP DAAS
Dispatchable	DIS	NGCP DAAS	DR	NGCP DAAS

Simple Checklist of Things To Do in Parallel Customers

Activity in Existing Market Systems	Existing Market System To Use	Perform in New Market Systems	New Market System To Use
Registration / Post-Registration	CRSS	Registration	CRSS
View Market Results	MMS	View Market Results	New MMS
--	--	View/Confirm Bilateral Contract Quantities	CRSS
View Metered Quantities	E-mail from IEMOP	View Metered Quantities	CRSS
Receive Billing/ Settlement Statements	E-mail from IEMOP	Receive Billing/ Settlement Statements	CRSS

Simple Checklist of Things To Do in Parallel Metering Service Providers

Activity in Existing Market Systems	Existing Market System To Use	Perform in New Market Systems	New Market System To Use
Registration / Post-Registration	Communicate to IEMOP	Registration	CRSS
Submit Metered Quantities	Via Existing Interface with IEMOP	Submit Metered Quantities	CRSS
View/Resolve Metering Trouble Reports	E-mail from IEMOP	View/Resolve Metering Trouble Reports	CRSS

Simple Checklist of Things To Do in Parallel Retail Electricity Suppliers

Activity in Existing Market Systems	Existing Market System To Use	Perform in New Market Systems	New Market System To Use
Registration / Post-Registration	Communicate to IEMOP	Registration	CRSS
Customer Switching	Communicate to IEMOP	Customer Switching	CRSS

WESM Readiness Checklist

- The previously shown “simple” checklists shall not be the final list used to assess market readiness
- Nevertheless, should you be able to perform them since these provide a large indication of each stakeholder’s readiness for the EWDO

Assessment Timeline

- The Market Readiness Assessment shall take “at least 2 months”
 - For the first month: From 26 April 2019 to 25 May 2019 (May 2019 billing period), it shall be performed using the New Market Systems **at the Main Site**
 - Should the first month be successful, the second month shall be performed using the New Market Systems **at the Back-Up Site**
 - The extent of the assessment **per site** will depend on everyone’s performance

IEMOP wants to Help You Get Ready

Guides and Test Cases

- IEMOP has published guides and test cases in the IEMOP website (www.iemop.ph) to help you navigate through the new market systems
- Just Go To Downloads >> Market Reports

Market Reports

Home > Downloads > Market Reports

Market Operations

Daily Summary Reports <ul style="list-style-type: none">Daily Market UpdateSignificant Variations Report	Weekly and Monthly Summary Reports <ul style="list-style-type: none">Weekly Summary ReportMonthly Summary and Significant Variations Report	SO Reports <ul style="list-style-type: none">Contingency ListOutage ScheduleSecurity LimitDiscrepancy Dispatch Monitoring ReportMust Run Unit Report
Other Available Information <ul style="list-style-type: none">Market Network ModelMerit Order TableMetering UpdatesMSP PerformanceValidated MRU Discrepancies	CRSS <ul style="list-style-type: none">Trial OperationsUser Guide and Templates	WESM Mindanao <ul style="list-style-type: none">WESM Mindanao TOP Weekly ReportInformation Guide for the Establishment of Mindanao WESM Transition CommitteeWESM Primer & CRSS GuideWESM Mindanao TOP Test CasesWESM Mindanao NoticesMindanao Participants Registration Status
Parallel Operations Program <ul style="list-style-type: none">NMMS Functionality GuidesNMMS POP Test CasesNMMS Live POP Reports	Interruptible Load Program <ul style="list-style-type: none">ILP Protocol and ILP Customer Enrolment Form	Retail <ul style="list-style-type: none">Retail Supply Contracting ParametersRetail Rules and ManualsContestable Customer Information Requirements

IEMOP wants to Help You Get Ready

Feedback on Accomplishing the Test Cases

- Trading Participants are encouraged to accomplish the test cases published in the IEMOP website
- Once completed, please e-mail it to nmms_trial@iemop.ph
 - Indicate if you were able to successfully complete it (passed) or not (failed)
 - If it failed, please include in your e-mail the reason for the failure

Contact Us

- **For Registration assistance and inquiries, e-mail or call:**

Email: registration@iemop.ph

Telephone: (632) 318-9376, dial 9 + loc. 229, 239, 302, or 366

- **For System-Related (NMMS, CRSS, Website) Concerns, e-mail or call:**

Email: nmms_trial@iemop.ph

Telephone: (632) 318-9376, dial 9 + loc. 294, 295, or 218



**END OF
PRESENTATION**