

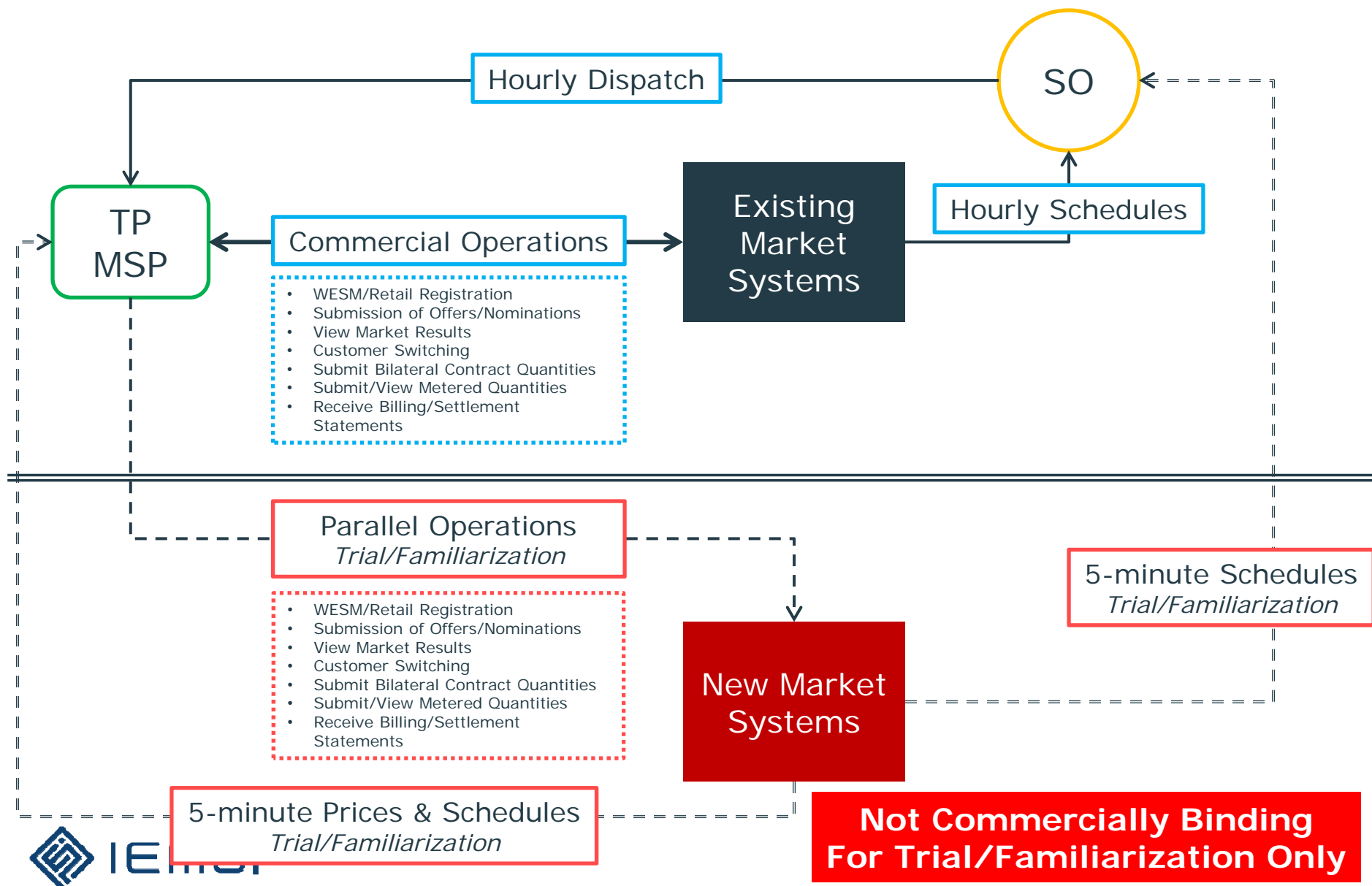


Market Readiness during the
Parallel Operations

Week 1 Update

08 May 2019

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

Week 1 Update

Access Check

With Access?	NMMS	CRSS
Yes	79	62
No	14	16
No Response	13	28
Total	106	106

Week 1 Update

Offers/Nominations – Scheduled Generation

DAY	LUZON			VISAYAS		
	EXPECTED	SUBMITTED	PARTICIPATION	EXPECTED	SUBMITTED	PARTICIPATION
04/26/2019	74	60	81.1%	31	29	93.5%
04/27/2019	72	59	81.9%	31	29	93.5%
04/28/2019	69	53	76.8%	31	26	83.9%
04/29/2019	77	53	68.8%	31	27	87.1%
04/30/2019	79	55	69.6%	31	27	87.1%
05/01/2019	78	59	75.6%	31	27	87.1%
05/02/2019	80	62	77.5%	31	26	83.9%
ALL DAYS	529	401	75.8%	217	191	88.0%

Week 1 Update

Offers/Nominations – Self-Scheduled Generation

DAY	LUZON			VISAYAS		
	EXPECTED	SUBMITTED	PARTICIPATION	EXPECTED	SUBMITTED	PARTICIPATION
04/26/2019	34	15	44.1%	19	2	10.5%
04/27/2019	35	16	45.7%	19	4	21.1%
04/28/2019	35	14	40.0%	18	4	22.2%
04/29/2019	35	17	48.6%	19	3	15.8%
04/30/2019	35	17	48.6%	19	3	15.8%
05/01/2019	36	17	47.2%	19	3	15.8%
05/02/2019	35	15	42.9%	19	3	15.8%
ALL DAYS	245	111	45.3%	132	22	16.7%

Week 1 Update

Offers/Nominations – Mindanao

DAY	SCHEDULED		SELF-SCHEDULED	
	SUBMITTED	# OF GEN	SUBMITTED	# OF GEN
04/26/2019	6	98	--	17
04/27/2019	8		5	
04/28/2019	8		2	
04/29/2019	7		1	
04/30/2019	8		2	
05/01/2019	8		2	
05/02/2019	8		1	

Week 1 Update

SO MMS Input Constraints

Data Type	Same Inputs in Existing MMS and NMMS		
	LSO	VSO	MSO
Security Limit	OK	PENDING	PENDING
Unit Outages	OK	PENDING	PENDING
Equipment Outages	OK	PENDING	PENDING
HVDC Limit	N/A	PENDING	N/A

Note: Unit Testing Completed for all regional control centers

Week 1 Update

Forecast Accuracy

DAY	FORECAST ACCURACY (MAPE)			FORECAST ACCURACY (FAR)		
	LUZON	VISAYAS	MINDANAO	LUZON	VISAYAS	MINDANAO
04/26/2019	0.58%	0.57%	0.78%	100.00%	99.65%	100.00%
04/27/2019	0.48%	0.70%	0.55%	100.00%	97.92%	99.65%
04/28/2019	0.50%	0.78%	0.62%	99.31%	97.57%	98.61%
04/29/2019	1.62%	1.82%	1.71%	97.22%	97.22%	98.26%
04/30/2019	0.43%	0.68%	0.63%	99.65%	99.31%	99.65%
05/01/2019	0.62%	1.13%	0.57%	98.61%	94.44%	98.61%
05/02/2019	0.47%	0.54%	0.53%	100.00%	100.00%	99.65%
TOTAL	0.67%	0.89%	0.77%	99.26%	98.02%	99.21%

Week 1 Update

System Availability and Execution of Market Runs

System Availability

System	Target	Last Week	This Week
MPI	99.90%	--	100.00%
CRSS	99.90%	--	95.33%
EMDRP	99.90%	--	100.00%
IEMOP Website	99.90%	--	100.00%

Completeness and Timeliness of Market Runs

Market Run	Completeness		Timeliness of Published Runs	
	Last Week	This Week	Last Week	This Week
WAP	--	100.00%	--	100.00%
DAP	--	88.10%	--	93.92%
HAP	--	96.63%	--	100.00%
RTD	--	99.70%	--	100.00%

Week 1 Update

Summary of Reported Incidents

STATUS	NMMS	CRSS	WEBSITE	TOTAL
RESOLVED	9	32	--	41
PENDING	5	--	--	5
ALL SYSTEMS	14	32	--	46

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**